

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:12:05

Lab File ID: BM047804.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020159 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	0.550	0.010	-18.5873	40.0
Benzaldehyde	1.028	0.675	0.010	-34.3359	40.0
Pyridine	1.908	1.451	0.010	-23.9273	40.0
Phenol	2.012	1.579	0.080	-21.5258	20.0
Bis(2-Chloroethyl)ether	1.603	1.308	0.100	-18.4232	20.0
2-Chlorophenol	1.458	1.335	0.200	-8.4018	20.0
2-Methylphenol	1.403	1.194	0.010	-14.9057	20.0
2,2-oxybis(1-Chloropropane)	3.018	1.963	0.010	-34.9519	40.0
Acetophenone	2.406	1.960	0.060	-18.5284	20.0
4-Methylphenol	1.577	1.285	0.010	-18.5062	20.0
N-Nitroso-di-n-propylamine	1.274	0.981	0.050	-23.039	30.0
Hexachloroethane	0.655	0.590	0.100	-10.0177	20.0
Nitrobenzene	0.452	0.365	0.050	-19.2277	25.0
Isophorone	0.809	0.702	0.050	-13.2524	25.0
2-Nitrophenol	0.175	0.176	0.050	0.5869	25.0
2,4-Dimethylphenol	0.374	0.338	0.050	-9.7119	25.0
Bis(2-Chloroethoxy)methane	0.495	0.437	0.050	-11.6645	20.0
2,4-Dichlorophenol	0.315	0.310	0.060	-1.5905	20.0
Naphthalene	1.150	1.063	0.200	-7.5798	20.0
4-Chloroaniline	0.464	0.420	0.010	-9.5457	40.0
Hexachlorobutadiene	0.208	0.206	0.040	-1.1069	30.0
Caprolactam	0.101	0.096	0.010	-4.1849	40.0
4-Chloro-3-methylphenol	0.326	0.308	0.040	-5.515	25.0
1-Methylnaphthalene	0.744	0.719	0.100	-3.3498	20.0
2-Methylnaphthalene	0.731	0.697	0.100	-4.6422	20.0
Hexachlorocyclopentadiene	0.394	0.358	0.010	-9.0544	40.0
2,4,6-Trichlorophenol	0.377	0.382	0.090	1.5091	25.0
2,4,5-Trichlorophenol	0.412	0.407	0.100	-1.1977	25.0
1,1-Biphenyl	1.601	1.450	0.200	-9.4659	20.0
2-Chloronaphthalene	1.238	1.135	0.300	-8.3747	20.0
2-Nitroaniline	0.393	0.309	0.050	-21.5197	40.0
Dimethylphthalate	1.468	1.417	0.300	-3.5367	20.0
2,6-Dinitrotoluene	0.258	0.267	0.080	3.5987	30.0
Acenaphthylene	1.939	1.878	0.400	-3.1219	20.0
3-Nitroaniline	0.312	0.261	0.010	-16.2724	40.0
Acenaphthene	1.371	1.229	0.200	-10.3381	20.0
2,4-Dinitrophenol	0.159	0.138	0.010	-13.5833	40.0
4-Nitrophenol	0.242	0.202	0.010	-16.715	40.0
Dibenzofuran	1.845	1.690	0.300	-8.4	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:12:05

Lab File ID: BM047804.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020159 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	0.389	0.070	0.3393	30.0
Diethylphthalate	1.469	1.431	0.300	-2.6245	20.0
Fluorene	1.539	1.411	0.200	-8.3413	20.0
4-Chlorophenyl-phenylether	0.727	0.692	0.100	-4.87	20.0
4-Nitroaniline	0.303	0.252	0.010	-16.8437	40.0
4,6-Dinitro-2-methylphenol	0.130	0.116	0.010	-10.3574	40.0
N-Nitrosodiphenylamine	0.623	0.561	0.050	-10.0196	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.597	0.100	-8.337	20.0
4-Bromophenyl-phenylether	0.206	0.205	0.070	-0.4841	20.0
Hexachlorobenzene	0.240	0.240	0.050	0.1514	25.0
Atrazine	0.207	0.177	0.010	-14.5438	25.0
Pentachlorophenol	0.153	0.150	0.010	-1.5425	40.0
Phenanthrene	1.173	1.075	0.200	-8.31	20.0
Pentachlorobenzene	0.323	0.284	0.050	-12.1549	20.0
Anthracene	1.196	1.094	0.200	-8.5672	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.282	0.050	-14.8119	20.0
Carbazole	1.084	0.982	0.050	-9.4374	40.0
Di-n-butylphthalate	1.207	1.220	0.500	1.0426	25.0
Fluoranthene	1.337	1.256	0.400	-6.039	25.0
Pyrene	1.488	1.352	0.400	-9.1372	25.0
Butylbenzylphthalate	0.526	0.551	0.100	4.6791	40.0
3,3-Dichlorobenzidine	0.423	0.399	0.010	-5.5825	40.0
Benzo (a) anthracene	1.400	1.340	0.300	-4.2889	30.0
Chrysene	1.365	1.261	0.200	-7.6356	30.0
Bis (2-ethylhexyl) phthalate	0.790	0.836	0.200	5.906	40.0
Di-n-octyl phthalate	1.290	1.230	0.010	-4.6279	40.0
Benzo (b) fluoranthene	1.247	1.159	0.200	-7.042	25.0
Benzo (k) fluoranthene	1.275	1.190	0.200	-6.7071	25.0
Benzo (a) pyrene	1.185	1.126	0.200	-4.922	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.375	0.200	-9.4024	25.0
Dibenzo (a,h) anthracene	1.244	1.146	0.200	-7.8624	30.0
Benzo (g,h,i) perylene	1.189	1.118	0.200	-5.9868	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.352	0.040	8.3382	20.0
1,4-Dioxane-d8	0.619	0.513	0.010	-17.1214	25.0
Pyridine-d5	1.812	1.395	0.010	-22.991	40.0
Phenol-d5	1.891	1.542	0.010	-18.4385	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.977	0.050	-27.1935	25.0
2-Chlorophenol-d4	1.376	1.307	0.200	-4.9854	20.0
4-Methylphenol-d8	1.406	1.222	0.010	-13.0729	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 12:05

Lab File ID: BM047804.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020159 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.155	0.050	-2.4002	20.0
2-Nitrophenol-d4	0.153	0.165	0.050	8.0716	30.0
2,4-Dichlorophenol-d3	0.305	0.313	0.060	2.6867	20.0
4-Chloroaniline-d4	0.471	0.436	0.010	-7.5056	40.0
Dimethylphthalate-d6	1.450	1.403	0.300	-3.2339	20.0
Acenaphthylene-d8	1.719	1.616	0.400	-6.0187	20.0
4-Nitrophenol-d4	0.289	0.267	0.010	-7.4682	40.0
Fluorene-d10	1.256	1.208	0.100	-3.8062	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.106	0.010	-9.0271	40.0
Anthracene-d10	0.983	0.909	0.300	-7.5754	20.0
Pyrene-d10	1.135	1.074	0.300	-5.3862	25.0
Benzo(a)pyrene-d12	1.038	0.968	0.010	-6.7155	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.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:21:56

Lab File ID: BM047818.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020160 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	-18.8814	40.0
Benzaldehyde	1.028	0.708	0.010	-31.1211	40.0
Pyridine	1.908	1.485	0.010	-22.1437	40.0
Phenol	2.012	1.579	0.080	-21.5257	20.0
Bis(2-Chloroethyl)ether	1.603	1.326	0.100	-17.3109	20.0
2-Chlorophenol	1.458	1.343	0.200	-7.8517	20.0
2-Methylphenol	1.403	1.189	0.010	-15.2394	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.022	0.010	-33.0027	40.0
Acetophenone	2.406	2.015	0.060	-16.2537	20.0
4-Methylphenol	1.577	1.313	0.010	-16.7622	20.0
N-Nitroso-di-n-propylamine	1.274	1.005	0.050	-21.1493	30.0
Hexachloroethane	0.655	0.582	0.100	-11.2053	20.0
Nitrobenzene	0.452	0.371	0.050	-17.8869	25.0
Isophorone	0.809	0.697	0.050	-13.8973	25.0
2-Nitrophenol	0.175	0.174	0.050	-0.4581	25.0
2,4-Dimethylphenol	0.374	0.337	0.050	-9.9243	25.0
Bis(2-Chloroethoxy)methane	0.495	0.433	0.050	-12.5446	20.0
2,4-Dichlorophenol	0.315	0.309	0.060	-1.9708	20.0
Naphthalene	1.150	1.066	0.200	-7.3267	20.0
4-Chloroaniline	0.464	0.411	0.010	-11.3697	40.0
Hexachlorobutadiene	0.208	0.200	0.040	-3.6285	30.0
Caprolactam	0.101	0.090	0.010	-10.1964	40.0
4-Chloro-3-methylphenol	0.326	0.302	0.040	-7.1795	25.0
1-Methylnaphthalene	0.744	0.721	0.100	-3.001	20.0
2-Methylnaphthalene	0.731	0.683	0.100	-6.5388	20.0
Hexachlorocyclopentadiene	0.394	0.358	0.010	-9.0584	40.0
2,4,6-Trichlorophenol	0.377	0.376	0.090	-0.2743	25.0
2,4,5-Trichlorophenol	0.412	0.405	0.100	-1.6259	25.0
1,1-Biphenyl	1.601	1.481	0.200	-7.4938	20.0
2-Chloronaphthalene	1.238	1.160	0.300	-6.3282	20.0
2-Nitroaniline	0.393	0.314	0.050	-20.1375	40.0
Dimethylphthalate	1.468	1.416	0.300	-3.5593	20.0
2,6-Dinitrotoluene	0.258	0.258	0.080	0.1887	30.0
Acenaphthylene	1.939	1.899	0.400	-2.0426	20.0
3-Nitroaniline	0.312	0.263	0.010	-15.7318	40.0
Acenaphthene	1.371	1.249	0.200	-8.8443	20.0
2,4-Dinitrophenol	0.159	0.126	0.010	-20.8457	40.0
4-Nitrophenol	0.242	0.203	0.010	-16.2383	40.0
Dibenzofuran	1.845	1.706	0.300	-7.5463	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:21:56

Lab File ID: BM047818.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020160 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	0.394	0.070	1.825	30.0
Diethylphthalate	1.469	1.424	0.300	-3.0805	20.0
Fluorene	1.539	1.427	0.200	-7.3199	20.0
4-Chlorophenyl-phenylether	0.727	0.687	0.100	-5.4949	20.0
4-Nitroaniline	0.303	0.257	0.010	-15.2439	40.0
4,6-Dinitro-2-methylphenol	0.130	0.116	0.010	-10.4649	40.0
N-Nitrosodiphenylamine	0.623	0.566	0.050	-9.1926	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.605	0.100	-7.1301	20.0
4-Bromophenyl-phenylether	0.206	0.202	0.070	-2.0925	20.0
Hexachlorobenzene	0.240	0.238	0.050	-0.9282	25.0
Atrazine	0.207	0.175	0.010	-15.5537	25.0
Pentachlorophenol	0.153	0.145	0.010	-5.2143	40.0
Phenanthrene	1.173	1.080	0.200	-7.9505	20.0
Pentachlorobenzene	0.323	0.286	0.050	-11.553	20.0
Anthracene	1.196	1.097	0.200	-8.2642	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.288	0.050	-13.1676	20.0
Carbazole	1.084	0.982	0.050	-9.4386	40.0
Di-n-butylphthalate	1.207	1.186	0.500	-1.7939	25.0
Fluoranthene	1.337	1.250	0.400	-6.517	25.0
Pyrene	1.488	1.346	0.400	-9.5396	25.0
Butylbenzylphthalate	0.526	0.531	0.100	0.9787	40.0
3,3-Dichlorobenzidine	0.423	0.373	0.010	-11.6595	40.0
Benzo (a) anthracene	1.400	1.334	0.300	-4.7646	30.0
Chrysene	1.365	1.265	0.200	-7.3493	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.795	0.200	0.6934	40.0
Di-n-octyl phthalate	1.290	1.182	0.010	-8.4015	40.0
Benzo (b) fluoranthene	1.247	1.181	0.200	-5.3171	25.0
Benzo (k) fluoranthene	1.275	1.199	0.200	-6.0144	25.0
Benzo (a) pyrene	1.185	1.128	0.200	-4.7939	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.376	0.200	-9.3571	25.0
Dibenzo (a,h) anthracene	1.244	1.148	0.200	-7.7311	30.0
Benzo (g,h,i) perylene	1.189	1.125	0.200	-5.4008	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.346	0.040	6.6764	20.0
1,4-Dioxane-d8	0.619	0.501	0.010	-18.9776	25.0
Pyridine-d5	1.812	1.408	0.010	-22.2734	40.0
Phenol-d5	1.891	1.551	0.010	-18.0014	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.984	0.050	-26.6625	25.0
2-Chlorophenol-d4	1.376	1.305	0.200	-5.1473	20.0
4-Methylphenol-d8	1.406	1.220	0.010	-13.24	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:21:56

Lab File ID: BM047818.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020160 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.156	0.050	-2.1949	20.0
2-Nitrophenol-d4	0.153	0.157	0.050	2.8832	30.0
2,4-Dichlorophenol-d3	0.305	0.305	0.060	-0.0127	20.0
4-Chloroaniline-d4	0.471	0.426	0.010	-9.605	40.0
Dimethylphthalate-d6	1.450	1.398	0.300	-3.5785	20.0
Acenaphthylene-d8	1.719	1.640	0.400	-4.6342	20.0
4-Nitrophenol-d4	0.289	0.264	0.010	-8.6758	40.0
Fluorene-d10	1.256	1.199	0.100	-4.5058	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.104	0.010	-10.8059	40.0
Anthracene-d10	0.983	0.907	0.300	-7.7752	20.0
Pyrene-d10	1.135	1.068	0.300	-5.9059	25.0
Benzo(a)pyrene-d12	1.038	0.958	0.010	-7.6797	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.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/4/2024 1:07:07

Lab File ID: BM047831.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020161 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	0.536	0.010	-20.7259	40.0
Benzaldehyde	1.028	0.742	0.010	-27.8369	40.0
Pyridine	1.908	1.480	0.010	-22.4076	40.0
Phenol	2.012	1.595	0.080	-20.7183	20.0
Bis(2-Chloroethyl)ether	1.603	1.338	0.100	-16.5676	20.0
2-Chlorophenol	1.458	1.348	0.200	-7.5351	20.0
2-Methylphenol	1.403	1.210	0.010	-13.7949	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.005	0.010	-33.5616	40.0
Acetophenone	2.406	2.007	0.060	-16.5708	20.0
4-Methylphenol	1.577	1.317	0.010	-16.4576	20.0
N-Nitroso-di-n-propylamine	1.274	1.013	0.050	-20.4856	30.0
Hexachloroethane	0.655	0.583	0.100	-11.0329	20.0
Nitrobenzene	0.452	0.374	0.050	-17.2636	25.0
Isophorone	0.809	0.705	0.050	-12.9131	25.0
2-Nitrophenol	0.175	0.176	0.050	1.0214	25.0
2,4-Dimethylphenol	0.374	0.341	0.050	-8.7502	25.0
Bis(2-Chloroethoxy)methane	0.495	0.434	0.050	-12.3705	20.0
2,4-Dichlorophenol	0.315	0.308	0.060	-2.1251	20.0
Naphthalene	1.150	1.064	0.200	-7.4828	20.0
4-Chloroaniline	0.464	0.418	0.010	-9.9046	40.0
Hexachlorobutadiene	0.208	0.200	0.040	-3.8997	30.0
Caprolactam	0.101	0.093	0.010	-7.5517	40.0
4-Chloro-3-methylphenol	0.326	0.312	0.040	-4.243	25.0
1-Methylnaphthalene	0.744	0.719	0.100	-3.3735	20.0
2-Methylnaphthalene	0.731	0.693	0.100	-5.2495	20.0
Hexachlorocyclopentadiene	0.394	0.347	0.010	-11.8328	40.0
2,4,6-Trichlorophenol	0.377	0.378	0.090	0.2631	25.0
2,4,5-Trichlorophenol	0.412	0.402	0.100	-2.47	25.0
1,1-Biphenyl	1.601	1.463	0.200	-8.6507	20.0
2-Chloronaphthalene	1.238	1.149	0.300	-7.1865	20.0
2-Nitroaniline	0.393	0.321	0.050	-18.2559	40.0
Dimethylphthalate	1.468	1.417	0.300	-3.5331	20.0
2,6-Dinitrotoluene	0.258	0.267	0.080	3.474	30.0
Acenaphthylene	1.939	1.892	0.400	-2.4208	20.0
3-Nitroaniline	0.312	0.271	0.010	-13.0779	40.0
Acenaphthene	1.371	1.253	0.200	-8.582	20.0
2,4-Dinitrophenol	0.159	0.137	0.010	-14.1616	40.0
4-Nitrophenol	0.242	0.202	0.010	-16.631	40.0
Dibenzofuran	1.845	1.691	0.300	-8.3201	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/4/2024 1:07:07

Lab File ID: BM047831.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020161 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	2.7765	30.0
Diethylphthalate	1.469	1.425	0.300	-3.0089	20.0
Fluorene	1.539	1.421	0.200	-7.6735	20.0
4-Chlorophenyl-phenylether	0.727	0.689	0.100	-5.2683	20.0
4-Nitroaniline	0.303	0.269	0.010	-11.1863	40.0
4,6-Dinitro-2-methylphenol	0.130	0.117	0.010	-10.0655	40.0
N-Nitrosodiphenylamine	0.623	0.566	0.050	-9.1981	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.602	0.100	-7.5418	20.0
4-Bromophenyl-phenylether	0.206	0.204	0.070	-0.9721	20.0
Hexachlorobenzene	0.240	0.234	0.050	-2.6316	25.0
Atrazine	0.207	0.177	0.010	-14.5021	25.0
Pentachlorophenol	0.153	0.148	0.010	-3.116	40.0
Phenanthrene	1.173	1.086	0.200	-7.4359	20.0
Pentachlorobenzene	0.323	0.285	0.050	-11.7317	20.0
Anthracene	1.196	1.100	0.200	-8.0325	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.286	0.050	-13.6394	20.0
Carbazole	1.084	0.991	0.050	-8.6198	40.0
Di-n-butylphthalate	1.207	1.208	0.500	0.0934	25.0
Fluoranthene	1.337	1.284	0.400	-3.9208	25.0
Pyrene	1.488	1.361	0.400	-8.5103	25.0
Butylbenzylphthalate	0.526	0.551	0.100	4.7626	40.0
3,3-Dichlorobenzidine	0.423	0.386	0.010	-8.6904	40.0
Benzo (a) anthracene	1.400	1.335	0.300	-4.6645	30.0
Chrysene	1.365	1.265	0.200	-7.3587	30.0
Bis (2-ethylhexyl) phthalate	0.790	0.820	0.200	3.7656	40.0
Di-n-octyl phthalate	1.290	1.241	0.010	-3.798	40.0
Benzo (b) fluoranthene	1.247	1.184	0.200	-5.0365	25.0
Benzo (k) fluoranthene	1.275	1.190	0.200	-6.6839	25.0
Benzo (a) pyrene	1.185	1.129	0.200	-4.693	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.373	0.200	-9.523	25.0
Dibenzo (a,h) anthracene	1.244	1.139	0.200	-8.4099	30.0
Benzo (g,h,i) perylene	1.189	1.117	0.200	-6.108	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.346	0.040	6.6343	20.0
1,4-Dioxane-d8	0.619	0.504	0.010	-18.5037	25.0
Pyridine-d5	1.812	1.399	0.010	-22.7721	40.0
Phenol-d5	1.891	1.561	0.010	-17.4526	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.987	0.050	-26.4211	25.0
2-Chlorophenol-d4	1.376	1.321	0.200	-3.9759	20.0
4-Methylphenol-d8	1.406	1.241	0.010	-11.7232	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG No.: BM100324

Instrument ID: BNA_M Calibration Date/Time: 10/4/2024 1:07:07

Lab File ID: BM047831.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020161 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.157	0.050	-1.4469	20.0
2-Nitrophenol-d4	0.153	0.163	0.050	6.6361	30.0
2,4-Dichlorophenol-d3	0.305	0.313	0.060	2.719	20.0
4-Chloroaniline-d4	0.471	0.433	0.010	-8.0919	40.0
Dimethylphthalate-d6	1.450	1.412	0.300	-2.6217	20.0
Acenaphthylene-d8	1.719	1.635	0.400	-4.9172	20.0
4-Nitrophenol-d4	0.289	0.273	0.010	-5.2837	40.0
Fluorene-d10	1.256	1.193	0.100	-5.0513	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.107	0.010	-8.8822	40.0
Anthracene-d10	0.983	0.915	0.300	-6.9186	20.0
Pyrene-d10	1.135	1.073	0.300	-5.4773	25.0
Benzo(a)pyrene-d12	1.038	0.970	0.010	-6.4772	20.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK635	SDG No.:	BM100324
Lab Sample ID:	PB163635BL	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
BM047805.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

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:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK635	SDG No.:	BM100324
Lab Sample ID:	PB163635BL	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
BM047805.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

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:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK635	SDG No.:	BM100324
Lab Sample ID:	PB163635BL	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
BM047805.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

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	4.64		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	21.185		20-120		53	SPK: -40
4165-62-2	Phenol-d5	21.849		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.866		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.786		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.632		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.482		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.687		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.827		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.612		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.517		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.081		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.427		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	26.838		20-140		67	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:	SBLK635	SDG No.:	BM100324
Lab Sample ID:	PB163635BL	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
BM047805.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.145		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	25.685		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.631		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.502		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226251	7.804				
1146-65-2	Naphthalene-d8	854349	10.592				
15067-26-2	Acenaphthene-d10	521430	14.439				
1517-22-2	Phenanthrene-d10	1082064	17.174				
1719-03-5	Chrysene-d12	1058492	21.403				
1520-96-3	Perylene-d12	1270026	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK1DL	SDG No.:	BM100324
Lab Sample ID:	P4020-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM047806.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	480	U	480	250	2500	ug/Kg
100-52-7	Benzaldehyde	2800	U	2800	3100	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6100	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3100	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3100	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1600	6300	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3100	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	3100	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3100	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3100	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1600	6300	ug/Kg
67-72-1	Hexachloroethane	860	U	860	1600	6300	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1600	6300	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6300	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1600	6300	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1600	6300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1600	6300	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1600	6300	ug/Kg
91-20-3	Naphthalene	1300	U	1300	1600	6300	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6300	ug/Kg
105-60-2	Caprolactam	4500	U	4500	3100	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1600	6300	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1600	6300	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	1600	6300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	3100	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1600	6300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1600	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK1DL	SDG No.:	BM100324
Lab Sample ID:	P4020-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM047806.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800	U	1800	1600	6300	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	1600	6300	ug/Kg
88-74-4	2-Nitroaniline	820	U	820	1600	6300	ug/Kg
131-11-3	Dimethylphthalate	1600	U	1600	1600	6300	ug/Kg
606-20-2	2,6-Dinitrotoluene	780	U	780	1600	6300	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1600	6300	ug/Kg
99-09-2	3-Nitroaniline	740	U	740	3100	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1600	6300	ug/Kg
51-28-5	2,4-Dinitrophenol	4500	U	4500	3100	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3100	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1600	6300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1600	6300	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1600	6300	ug/Kg
86-73-7	Fluorene	1700	U	1700	1600	6300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1600	6300	ug/Kg
100-01-6	4-Nitroaniline	1600	U	1600	3100	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	600	U	600	3100	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	1600	6300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1600	6300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700	U	1700	1600	6300	ug/Kg
118-74-1	Hexachlorobenzene	1900	U	1900	1600	6300	ug/Kg
1912-24-9	Atrazine	1500	U	1500	3100	12000	ug/Kg
87-86-5	Pentachlorophenol	130000	D	3200	3100	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1600	6300	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1600	6300	ug/Kg
120-12-7	Anthracene	1600	U	1600	1600	6300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1600	6300	ug/Kg
86-74-8	Carbazole	1700	U	1700	3100	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1600	6300	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3100	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK1DL	SDG No.:	BM100324
Lab Sample ID:	P4020-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM047806.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1600	6300	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1600	6300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860	U	860	3100	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1500	U	1500	1600	6300	ug/Kg
218-01-9	Chrysene	1700	U	1700	1600	6300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1600	6300	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3100	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	1600	6300	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1600	6300	ug/Kg
50-32-8	Benzo(a)pyrene	1600	U	1600	1600	6300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1600	6300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	1600	6300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1600	6300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400	U	1400	1600	6300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.71		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.48		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.46		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	9.36		10-140		23	SPK: -40
4165-60-0	Nitrobenzene-d5	11.43		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.23		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.19		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.18		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.37		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	15.54		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	17.19		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK1DL	SDG No.:	BM100324
Lab Sample ID:	P4020-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM047806.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.12		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	16.2		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	16.41		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.97		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216306	7.804				
1146-65-2	Naphthalene-d8	873944	10.598				
15067-26-2	Acenaphthene-d10	566139	14.433				
1517-22-2	Phenanthrene-d10	1235494	17.174				
1719-03-5	Chrysene-d12	1189762	21.403				
1520-96-3	Perylene-d12	1403252	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1800	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047807.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	79.5	800	ug/Kg
100-52-7	Benzaldehyde	900	U	900	990	4000	ug/Kg
110-86-1	Pyridine	520	U	520	2000	4000	ug/Kg
108-95-2	Phenol	420	U	420	990	4000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	410	U	410	990	4000	ug/Kg
95-57-8	2-Chlorophenol	340	U	340	510	2000	ug/Kg
95-48-7	2-Methylphenol	360	U	360	990	4000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	330	990	4000	ug/Kg
98-86-2	Acetophenone	460	U	460	990	4000	ug/Kg
106-44-5	4-Methylphenol	390	U	390	990	4000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	350	U	350	510	2000	ug/Kg
67-72-1	Hexachloroethane	280	U	280	510	2000	ug/Kg
98-95-3	Nitrobenzene	430	U	430	510	2000	ug/Kg
78-59-1	Isophorone	410	U	410	510	2000	ug/Kg
88-75-5	2-Nitrophenol	390	U	390	510	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	510	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	460	U	460	510	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	510	2000	ug/Kg
91-20-3	Naphthalene	1100	JD	410	510	2000	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	510	4000	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	410	510	2000	ug/Kg
105-60-2	Caprolactam	1400	U	1400	990	4000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	340	U	340	510	2000	ug/Kg
90-12-0	1-Methylnaphthalene	1600	JD	490	510	2000	ug/Kg
91-57-6	2-Methylnaphthalene	2800	D	450	510	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	950	U	950	990	4000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	520	U	520	510	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	510	U	510	510	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047807.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	580	U	580	510	2000	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	510	2000	ug/Kg
88-74-4	2-Nitroaniline	270	U	270	510	2000	ug/Kg
131-11-3	Dimethylphthalate	510	U	510	510	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	510	2000	ug/Kg
208-96-8	Acenaphthylene	520	U	520	510	2000	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	990	4000	ug/Kg
83-32-9	Acenaphthene	490	U	490	510	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	990	4000	ug/Kg
100-02-7	4-Nitrophenol	490	U	490	990	4000	ug/Kg
132-64-9	Dibenzofuran	550	U	550	510	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	330	U	330	510	2000	ug/Kg
84-66-2	Diethylphthalate	720	U	720	510	2000	ug/Kg
86-73-7	Fluorene	540	U	540	510	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	510	2000	ug/Kg
100-01-6	4-Nitroaniline	510	U	510	990	4000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	990	4000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	510	U	510	510	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	610	U	610	510	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	540	U	540	510	2000	ug/Kg
118-74-1	Hexachlorobenzene	600	U	600	510	2000	ug/Kg
1912-24-9	Atrazine	470	U	470	990	4000	ug/Kg
87-86-5	Pentachlorophenol	160000	ED	1000	990	4000	ug/Kg
85-01-8	Phenanthrene	530	U	530	510	2000	ug/Kg
608-93-5	Pentachlorobenzene	610	U	610	510	2000	ug/Kg
120-12-7	Anthracene	520	U	520	510	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	400	U	400	510	2000	ug/Kg
86-74-8	Carbazole	540	U	540	990	4000	ug/Kg
84-74-2	Di-n-butylphthalate	510	U	510	510	2000	ug/Kg
206-44-0	Fluoranthene	530	U	530	990	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047807.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530	U	530	510	2000	ug/Kg
85-68-7	Butylbenzylphthalate	390	U	390	510	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	U	280	990	4000	ug/Kg
56-55-3	Benzo(a)anthracene	470	U	470	510	2000	ug/Kg
218-01-9	Chrysene	540	U	540	510	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	530	U	530	510	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	410	U	410	990	4000	ug/Kg
205-99-2	Benzo(b)fluoranthene	510	U	510	510	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	540	U	540	510	2000	ug/Kg
50-32-8	Benzo(a)pyrene	510	U	510	510	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450	U	450	510	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	450	U	450	510	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420	U	420	510	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	13000	D	450	510	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.95		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	7.06	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	12.92		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.82		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.78		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.09		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	10.43		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.5		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.2		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.41		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.5		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.41		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.24		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	16.23		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BM047807.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.46		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	15.55		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	16.53		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.44		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281451	7.805				
1146-65-2	Naphthalene-d8	1219610	10.599				
15067-26-2	Acenaphthene-d10	798570	14.439				
1517-22-2	Phenanthrene-d10	1614105	17.18				
1719-03-5	Chrysene-d12	1612351	21.404				
1520-96-3	Perylene-d12	1963553	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.828	7800	JD			5.828	
	(DEL) Alkane: Cyclic6.087	1500	JD			6.087	
000107-41-5	Hexylene glycol	2700	JD			6.122	
	(DEL) Alkane: Straight-Chain6.369	2400	JD			6.369	
	(DEL) Alkane: Cyclic6.452	2200	JD			6.452	
	(DEL) Alkane: Straight-Chain6.711	1700	JD			6.711	
	(DEL) Alkane: Straight-Chain6.769	1500	JD			6.769	
	(DEL) Alkane: Straight-Chain6.805	3600	JD			6.805	
	(DEL) Alkane: Straight-Chain6.863	4100	JD			6.863	
000611-14-3	Benzene, 1-ethyl-2-methyl-	2900	JD			6.899	
000108-67-8	Mesitylene	2200	JD			7.028	
000622-96-8	Benzene, 1-ethyl-4-methyl-	2500	JD			7.199	
	unknown-01	2600	JD			7.234	
	(DEL) Alkane: Straight-Chain7.440	26000	JD			7.44	
	(DEL) Alkane: Straight-Chain7.728	2100	JD			7.728	
000104-76-7	1-Hexanol, 2-ethyl-	6700	JD			7.869	
000526-73-8	Benzene, 1,2,3-trimethyl-	2400	JD			7.922	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047807.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	7.999				7.999	
	(DEL) Alkane: Cyclic	8.099				8.099	
001074-43-7	Benzene, 1-methyl-3-propyl-	4300	JD			8.346	
	(DEL) Alkane: Straight-Chain	8.399				8.399	
000135-01-3	Benzene, 1,2-diethyl-	3600	JD			8.446	
	(DEL) Alkane: Straight-Chain	8.575				8.575	
001074-55-1	Benzene, 1-methyl-4-propyl-	3100	JD			8.61	
000527-84-4	o-Cymene	2600	JD			8.81	
	(DEL) Alkane: Straight-Chain	9.040				9.04	
	unknown-02	4800	JD			9.163	
	(DEL) Alkane: Straight-Chain	9.887				9.887	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	3300	JD			10.981	
000590-67-0	Cyclohexanol, 1-methyl-	1700	JD			11.628	
054340-85-1	Benzene, 1-(2-butenyl)-2,3-dimethyl	1800	JD			11.698	
	unknown-03	1600	JD			11.869	
	(DEL) Alkane: Straight-Chain	12.028				12.028	
	(DEL) Alkane: Cyclic	12.063				12.063	
	(DEL) Alkane: Straight-Chain	12.987				12.987	
	(DEL) Alkane: Straight-Chain	13.269				13.269	
	unknown-04	2000	JD			13.492	
000582-16-1	Naphthalene, 2,7-dimethyl-	3100	JD			13.622	
000571-58-4	Naphthalene, 1,4-dimethyl-	2500	JD			13.763	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	3300	JD			13.928	
	unknown-05	1400	JD			14.075	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	13000	JD			14.345	
	unknown-06	2500	JD			14.516	
004948-51-0	9-Methyl-S-octahydroanthracene	3900	JD			14.581	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1800	JD			14.839	
	(DEL) Alkane: Straight-Chain	14.969				14.969	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	4500	JD			15.198	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047807.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005409-55-2	(DEL) Alkane: Straight-Chain15.292	7500	JD			15.292	
	1(2H)-Naphthalenone, 3,4-dihydro-3	2100	JD			15.534	
	(DEL) Alkane: Straight-Chain15.698	3400	JD			15.698	
	(DEL) Alkane: Straight-Chain16.157	6100	JD			16.157	
	(DEL) Alkane: Straight-Chain16.492	1200	JD			16.492	
187328-55-8	(DEL) Alkane: Straight-Chain16.945	4500	JD			16.945	
	(DEL) Alkane: Straight-Chain16.998	3300	JD			16.998	
	9,9-Dimethyl-9-sila-9,10-dihydroph	1600	JD			17.469	
	(DEL) Alkane: Straight-Chain17.680	4100	JD			17.68	
	Hexadecanoic acid, methyl ester	2200	JD			17.851	
000112-39-0	(DEL) Alkane: Straight-Chain18.369	3000	JD			18.369	
	(DEL) Alkane: Straight-Chain19.004	2200	JD			19.004	
	(DEL) Alkane: Straight-Chain20.110	1600	JD			20.11	
	(DEL) Alkane: Straight-Chain20.604	980	JD			20.604	
	Oxalic acid, decyl 2-ethylhexyl es	2300	JD			21.086	
1000309-39-3	(DEL) Alkane: Straight-Chain21.598	1000	JD			21.598	
	(DEL) Alkane: Straight-Chain22.168	1500	JD			22.168	
	Total Alkanes	140000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047808.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470	U	470	240	2400	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3000	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6000	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1500	6100	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980	U	980	3000	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000	U	1000	1500	6100	ug/Kg
67-72-1	Hexachloroethane	830	U	830	1500	6100	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1500	6100	ug/Kg
78-59-1	Isophorone	1200	U	1200	1500	6100	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1500	6100	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1500	6100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1500	6100	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1500	6100	ug/Kg
91-20-3	Naphthalene	1200	JD	1200	1500	6100	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1500	6100	ug/Kg
105-60-2	Caprolactam	4300	U	4300	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1500	6100	ug/Kg
90-12-0	1-Methylnaphthalene	1700	JD	1500	1500	6100	ug/Kg
91-57-6	2-Methylnaphthalene	3000	JD	1300	1500	6100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1500	6100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1500	6100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047808.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	1500	6100	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	6100	ug/Kg
88-74-4	2-Nitroaniline	800	U	800	1500	6100	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	6100	ug/Kg
606-20-2	2,6-Dinitrotoluene	760	U	760	1500	6100	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1500	6100	ug/Kg
99-09-2	3-Nitroaniline	720	U	720	3000	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1500	6100	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	U	4300	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3000	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1500	6100	ug/Kg
121-14-2	2,4-Dinitrotoluene	980	U	980	1500	6100	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1500	6100	ug/Kg
86-73-7	Fluorene	1600	U	1600	1500	6100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1500	6100	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580	U	580	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	6100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	1500	6100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	1500	6100	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1500	6100	ug/Kg
1912-24-9	Atrazine	1400	U	1400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	190000	D	3100	3000	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1500	6100	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1500	6100	ug/Kg
120-12-7	Anthracene	1600	U	1600	1500	6100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1500	6100	ug/Kg
86-74-8	Carbazole	1600	U	1600	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1500	6100	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3000	6100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047808.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1500	6100	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1500	6100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	830	U	830	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1500	6100	ug/Kg
218-01-9	Chrysene	1600	U	1600	1500	6100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1500	6100	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	U	1500	1500	6100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1500	6100	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1500	6100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	U	1300	1500	6100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1500	6100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1500	6100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14000	D	1300	1500	6100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.99		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.23		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.15		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	10.53		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	10.98		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.8		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.85		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.63		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.98		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.78		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.71		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	17.55		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047808.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.3		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	17.61		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	17.43		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.03		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227747	7.804				
1146-65-2	Naphthalene-d8	963344	10.598				
15067-26-2	Acenaphthene-d10	625781	14.439				
1517-22-2	Phenanthrene-d10	1305986	17.174				
1719-03-5	Chrysene-d12	1276848	21.403				
1520-96-3	Perylene-d12	1469360	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.828	12000	JD			5.828	
000107-41-5	Hexylene glycol	4700	JD			6.122	
	(DEL) Alkane: Straight-Chain6.298	3000	JD			6.298	
	(DEL) Alkane: Straight-Chain6.369	3800	JD			6.369	
	(DEL) Alkane: Cyclic6.451	4000	JD			6.451	
	(DEL) Alkane: Straight-Chain6.710	2800	JD			6.71	
	(DEL) Alkane: Straight-Chain6.804	5700	JD			6.804	
	(DEL) Alkane: Straight-Chain6.863	6500	JD			6.863	
000620-14-4	Benzene, 1-ethyl-3-methyl-	4700	JD			6.898	
	(DEL) Alkane: Straight-Chain6.969	11000	JD			6.969	
000108-67-8	Mesitylene	3600	JD			7.028	
000611-14-3	Benzene, 1-ethyl-2-methyl-	4000	JD			7.198	
019549-80-5	2-Heptanone, 4,6-dimethyl-	4100	JD			7.234	
	(DEL) Alkane: Straight-Chain7.434	41000	JD			7.434	
	unknown-01	3500	JD			7.728	
000104-76-7	1-Hexanol, 2-ethyl-	10000	JD			7.869	
000526-73-8	Benzene, 1,2,3-trimethyl-	3900	JD			7.922	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047808.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	7.998				7.998	
005989-27-5	D-Limonene	3200	JD			8.034	
	(DEL) Alkane: Cyclic	8.098				8.098	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	3000	JD			8.239	
000141-93-5	Benzene, 1,3-diethyl-	3400	JD			8.292	
	(DEL) Alkane: Straight-Chain	8.339				8.339	
	(DEL) Alkane: Straight-Chain	8.398				8.398	
000105-05-5	Benzene, 1,4-diethyl-	4900	JD			8.445	
	(DEL) Alkane: Straight-Chain	8.469				8.469	
	(DEL) Alkane: Straight-Chain	8.575				8.575	
001074-17-5	Benzene, 1-methyl-2-propyl-	4400	JD			8.61	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	3100	JD			8.757	
000527-84-4	o-Cymene	4100	JD			8.81	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	8500	JD			8.91	
	(DEL) Alkane: Straight-Chain	9.039				9.039	
	unknown-02	8100	JD			9.163	
1000309-38-9	Oxalic acid, 2-ethylhexyl hexyl es	3000	JD			9.886	
000123-18-2	4-Nonanone, 2,6,8-trimethyl-	3500	JD			10.716	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	7200	JD			10.98	
1000357-85-7	Carbonic acid, neopentyl 2-ethylhe	3300	JD			11.104	
	(DEL) Alkane: Straight-Chain	11.627				11.627	
054340-85-1	Benzene, 1-(2-butenyl)-2,3-dimethy	3900	JD			11.698	
	unknown-03	3600	JD			11.863	
	(DEL) Alkane: Straight-Chain	12.027				12.027	
	unknown-04	3100	JD			12.063	
	(DEL) Alkane: Straight-Chain	13.269				13.269	
000575-37-1	Naphthalene, 1,7-dimethyl-	3700	JD			13.621	
000575-41-7	Naphthalene, 1,3-dimethyl-	2900	JD			13.757	
	(DEL) Alkane: Straight-Chain	13.927				13.927	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	14000	JD			14.345	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK4DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-02DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047808.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-05	3000	JD			14.515	
1000261-34-8	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	4600	JD			14.58	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	5300	JD			15.198	
	(DEL) Alkane: Straight-Chain15.292	8600	JD			15.292	
	(DEL) Alkane: Straight-Chain15.698	3800	JD			15.698	
	(DEL) Alkane: Straight-Chain16.151	6600	JD			16.151	
	(DEL) Alkane: Straight-Chain16.945	5200	JD			16.945	
	(DEL) Alkane: Straight-Chain16.998	3700	JD			16.998	
	(DEL) Alkane: Straight-Chain17.680	4300	JD			17.68	
	(DEL) Alkane: Straight-Chain18.368	3100	JD			18.368	
E966796	Total Alkanes	210000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047809.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	80.1	810	ug/Kg
100-52-7	Benzaldehyde	910	U	910	1000	4000	ug/Kg
110-86-1	Pyridine	520	U	520	2000	4000	ug/Kg
108-95-2	Phenol	420	U	420	1000	4000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	410	U	410	1000	4000	ug/Kg
95-57-8	2-Chlorophenol	340	U	340	520	2100	ug/Kg
95-48-7	2-Methylphenol	360	U	360	1000	4000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	330	1000	4000	ug/Kg
98-86-2	Acetophenone	460	U	460	1000	4000	ug/Kg
106-44-5	4-Methylphenol	390	U	390	1000	4000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	350	U	350	520	2100	ug/Kg
67-72-1	Hexachloroethane	280	U	280	520	2100	ug/Kg
98-95-3	Nitrobenzene	440	U	440	520	2100	ug/Kg
78-59-1	Isophorone	410	U	410	520	2100	ug/Kg
88-75-5	2-Nitrophenol	390	U	390	520	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	520	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	460	U	460	520	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	520	2100	ug/Kg
91-20-3	Naphthalene	410	U	410	520	2100	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	520	4000	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	410	520	2100	ug/Kg
105-60-2	Caprolactam	1500	U	1500	1000	4000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	340	U	340	520	2100	ug/Kg
90-12-0	1-Methylnaphthalene	500	U	500	520	2100	ug/Kg
91-57-6	2-Methylnaphthalene	450	U	450	520	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960	U	960	1000	4000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	520	U	520	520	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	510	U	510	520	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047809.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	580	U	580	520	2100	ug/Kg
91-58-7	2-Chloronaphthalene	550	U	550	520	2100	ug/Kg
88-74-4	2-Nitroaniline	270	U	270	520	2100	ug/Kg
131-11-3	Dimethylphthalate	510	U	510	520	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	520	2100	ug/Kg
208-96-8	Acenaphthylene	520	U	520	520	2100	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	1000	4000	ug/Kg
83-32-9	Acenaphthene	500	U	500	520	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1000	4000	ug/Kg
100-02-7	4-Nitrophenol	500	U	500	1000	4000	ug/Kg
132-64-9	Dibenzofuran	560	U	560	520	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	330	U	330	520	2100	ug/Kg
84-66-2	Diethylphthalate	730	U	730	520	2100	ug/Kg
86-73-7	Fluorene	550	U	550	520	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	520	2100	ug/Kg
100-01-6	4-Nitroaniline	510	U	510	1000	4000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	1000	4000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	510	U	510	520	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	520	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	550	U	550	520	2100	ug/Kg
118-74-1	Hexachlorobenzene	610	U	610	520	2100	ug/Kg
1912-24-9	Atrazine	470	U	470	1000	4000	ug/Kg
87-86-5	Pentachlorophenol	99000	ED	1100	1000	4000	ug/Kg
85-01-8	Phenanthrene	530	U	530	520	2100	ug/Kg
608-93-5	Pentachlorobenzene	620	U	620	520	2100	ug/Kg
120-12-7	Anthracene	520	U	520	520	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	400	U	400	520	2100	ug/Kg
86-74-8	Carbazole	550	U	550	1000	4000	ug/Kg
84-74-2	Di-n-butylphthalate	510	U	510	520	2100	ug/Kg
206-44-0	Fluoranthene	530	U	530	1000	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047809.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530	U	530	520	2100	ug/Kg
85-68-7	Butylbenzylphthalate	390	U	390	520	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	U	280	1000	4000	ug/Kg
56-55-3	Benzo(a)anthracene	470	U	470	520	2100	ug/Kg
218-01-9	Chrysene	550	U	550	520	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	530	U	530	520	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	410	U	410	1000	4000	ug/Kg
205-99-2	Benzo(b)fluoranthene	510	U	510	520	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	550	U	550	520	2100	ug/Kg
50-32-8	Benzo(a)pyrene	510	U	510	520	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450	U	450	520	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	450	U	450	520	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420	U	420	520	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	6300	D	450	520	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.82		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	10.2		20-120		25	SPK: -40
4165-62-2	Phenol-d5	15.83		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.25		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.35		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	13.94		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.37		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.59		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.6		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.05		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.48		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	18.93		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	20.83		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047809.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.78		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	18.7		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	20.41		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.38		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209282	7.804				
1146-65-2	Naphthalene-d8	872955	10.598				
15067-26-2	Acenaphthene-d10	558546	14.433				
1517-22-2	Phenanthrene-d10	1208832	17.174				
1719-03-5	Chrysene-d12	1173359	21.403				
1520-96-3	Perylene-d12	1363803	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.434	2400	JD			7.434	
000104-76-7	1-Hexanol, 2-ethyl-	1600	JD			7.869	
	unknown-01	860	JD			8.345	
059387-92-7	2,7-Dimethyloctan-4-one	1200	JD			8.798	
	(DEL) Alkane: Straight-Chain9.034	2500	JD			9.034	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	1100	JD			10.98	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	950	JD			21.086	
E966796	Total Alkanes	4900	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD9DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BM047810.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470	U	470	240	2400	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3000	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6000	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1500	6200	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980	U	980	3000	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1500	6200	ug/Kg
67-72-1	Hexachloroethane	840	U	840	1500	6200	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1500	6200	ug/Kg
78-59-1	Isophorone	1200	U	1200	1500	6200	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1500	6200	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1500	6200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1500	6200	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1500	6200	ug/Kg
91-20-3	Naphthalene	1200	U	1200	1500	6200	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1500	6200	ug/Kg
105-60-2	Caprolactam	4400	U	4400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1500	6200	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1500	6200	ug/Kg
91-57-6	2-Methylnaphthalene	1300	U	1300	1500	6200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1500	6200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1500	6200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD9DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047810.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	1500	6200	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	6200	ug/Kg
88-74-4	2-Nitroaniline	800	U	800	1500	6200	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	6200	ug/Kg
606-20-2	2,6-Dinitrotoluene	760	U	760	1500	6200	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1500	6200	ug/Kg
99-09-2	3-Nitroaniline	730	U	730	3000	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1500	6200	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	U	4400	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3000	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1500	6200	ug/Kg
121-14-2	2,4-Dinitrotoluene	980	U	980	1500	6200	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1500	6200	ug/Kg
86-73-7	Fluorene	1600	U	1600	1500	6200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1500	6200	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580	U	580	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	6200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1500	6200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	1500	6200	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1500	6200	ug/Kg
1912-24-9	Atrazine	1400	U	1400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	93000	D	3200	3000	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1500	6200	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	6200	ug/Kg
120-12-7	Anthracene	1600	U	1600	1500	6200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1500	6200	ug/Kg
86-74-8	Carbazole	1600	U	1600	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1500	6200	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3000	6200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD9DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047810.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1500	6200	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1500	6200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840	U	840	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1500	6200	ug/Kg
218-01-9	Chrysene	1600	U	1600	1500	6200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1500	6200	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	U	1500	1500	6200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1500	6200	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1500	6200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	U	1300	1500	6200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1500	6200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1500	6200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5200	JD	1300	1500	6200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.48		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.26		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.41		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	12.84		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	13.68		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.01		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.28		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.3		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.87		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	16.89		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	19.35		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD9DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047810.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.21		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	17.04		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.36		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.17		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209459	7.804				
1146-65-2	Naphthalene-d8	854407	10.598				
15067-26-2	Acenaphthene-d10	545841	14.433				
1517-22-2	Phenanthrene-d10	1184470	17.174				
1719-03-5	Chrysene-d12	1153008	21.403				
1520-96-3	Perylene-d12	1353316	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
019594-40-2	Heptyl isobutyl ketone	2500	JD			10.716	
E966796	Total Alkanes	1700	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK6DL	SDG No.:	BM100324
Lab Sample ID:	P4020-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047811.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310	U	310	160	1600	ug/Kg
100-52-7	Benzaldehyde	1800	U	1800	2000	7900	ug/Kg
110-86-1	Pyridine	1000	U	1000	4000	7900	ug/Kg
108-95-2	Phenol	840	U	840	2000	7900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	820	U	820	2000	7900	ug/Kg
95-57-8	2-Chlorophenol	670	U	670	1000	4100	ug/Kg
95-48-7	2-Methylphenol	720	U	720	2000	7900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	650	U	650	2000	7900	ug/Kg
98-86-2	Acetophenone	910	U	910	2000	7900	ug/Kg
106-44-5	4-Methylphenol	770	U	770	2000	7900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	700	U	700	1000	4100	ug/Kg
67-72-1	Hexachloroethane	550	U	550	1000	4100	ug/Kg
98-95-3	Nitrobenzene	860	U	860	1000	4100	ug/Kg
78-59-1	Isophorone	820	U	820	1000	4100	ug/Kg
88-75-5	2-Nitrophenol	770	U	770	1000	4100	ug/Kg
105-67-9	2,4-Dimethylphenol	670	U	670	1000	4100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	910	U	910	1000	4100	ug/Kg
120-83-2	2,4-Dichlorophenol	940	U	940	1000	4100	ug/Kg
91-20-3	Naphthalene	820	U	820	1000	4100	ug/Kg
106-47-8	4-Chloroaniline	1000	U	1000	1000	7900	ug/Kg
87-68-3	Hexachlorobutadiene	820	U	820	1000	4100	ug/Kg
105-60-2	Caprolactam	2900	U	2900	2000	7900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	670	U	670	1000	4100	ug/Kg
90-12-0	1-Methylnaphthalene	980	U	980	1000	4100	ug/Kg
91-57-6	2-Methylnaphthalene	1300	JD	890	1000	4100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	2000	7900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000	U	1000	1000	4100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000	U	1000	1000	4100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK6DL	SDG No.:	BM100324
Lab Sample ID:	P4020-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047811.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200	U	1200	1000	4100	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1000	4100	ug/Kg
88-74-4	2-Nitroaniline	530	U	530	1000	4100	ug/Kg
131-11-3	Dimethylphthalate	1000	U	1000	1000	4100	ug/Kg
606-20-2	2,6-Dinitrotoluene	500	U	500	1000	4100	ug/Kg
208-96-8	Acenaphthylene	1000	U	1000	1000	4100	ug/Kg
99-09-2	3-Nitroaniline	480	U	480	2000	7900	ug/Kg
83-32-9	Acenaphthene	980	U	980	1000	4100	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2000	7900	ug/Kg
100-02-7	4-Nitrophenol	980	U	980	2000	7900	ug/Kg
132-64-9	Dibenzofuran	1100	U	1100	1000	4100	ug/Kg
121-14-2	2,4-Dinitrotoluene	650	U	650	1000	4100	ug/Kg
84-66-2	Diethylphthalate	1400	U	1400	1000	4100	ug/Kg
86-73-7	Fluorene	1100	U	1100	1000	4100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	1000	4100	ug/Kg
100-01-6	4-Nitroaniline	1000	U	1000	2000	7900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	2000	7900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000	U	1000	1000	4100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U	1200	1000	4100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	1000	4100	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	1000	4100	ug/Kg
1912-24-9	Atrazine	940	U	940	2000	7900	ug/Kg
87-86-5	Pentachlorophenol	150000	ED	2100	2000	7900	ug/Kg
85-01-8	Phenanthrene	1100	U	1100	1000	4100	ug/Kg
608-93-5	Pentachlorobenzene	1200	U	1200	1000	4100	ug/Kg
120-12-7	Anthracene	1000	U	1000	1000	4100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	790	U	790	1000	4100	ug/Kg
86-74-8	Carbazole	1100	U	1100	2000	7900	ug/Kg
84-74-2	Di-n-butylphthalate	1000	U	1000	1000	4100	ug/Kg
206-44-0	Fluoranthene	1100	U	1100	2000	4100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK6DL	SDG No.:	BM100324
Lab Sample ID:	P4020-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047811.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1000	4100	ug/Kg
85-68-7	Butylbenzylphthalate	770	U	770	1000	4100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550	U	550	2000	7900	ug/Kg
56-55-3	Benzo(a)anthracene	940	U	940	1000	4100	ug/Kg
218-01-9	Chrysene	1100	U	1100	1000	4100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	1000	4100	ug/Kg
117-84-0	Di-n-octyl phthalate	820	U	820	2000	7900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000	U	1000	1000	4100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	U	1100	1000	4100	ug/Kg
50-32-8	Benzo(a)pyrene	1000	U	1000	1000	4100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890	U	890	1000	4100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890	U	890	1000	4100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840	U	840	1000	4100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	13000	D	890	1000	4100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	6.8	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.6		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.9		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.08		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	10.98		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	13.16		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.04		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.72		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.64		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.06		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	14.54		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	16.82		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK6DL	SDG No.:	BM100324
Lab Sample ID:	P4020-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047811.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.18		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	15.64		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	16.36		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.68		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225783	7.804				
1146-65-2	Naphthalene-d8	945276	10.598				
15067-26-2	Acenaphthene-d10	612353	14.439				
1517-22-2	Phenanthrene-d10	1309070	17.174				
1719-03-5	Chrysene-d12	1268400	21.403				
1520-96-3	Perylene-d12	1477531	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.828	4000	JD			5.828	
	(DEL) Alkane: Straight-Chain6.804	2100	JD			6.804	
	(DEL) Alkane: Straight-Chain6.857	2500	JD			6.857	
000611-14-3	Benzene, 1-ethyl-2-methyl-	1800	JD			6.898	
	(DEL) Alkane: Straight-Chain6.969	4400	JD			6.969	
000108-67-8	Mesitylene	1700	JD			7.028	
	(DEL) Alkane: Straight-Chain7.434	15000	JD			7.434	
000104-76-7	1-Hexanol, 2-ethyl-	7100	JD			7.869	
001074-43-7	Benzene, 1-methyl-3-propyl-	2600	JD			8.345	
018368-95-1	1,3,8-p-Menthatriene	1900	JD			8.445	
	(DEL) Alkane: Straight-Chain8.469	1600	JD			8.469	
	(DEL) Alkane: Straight-Chain8.575	2500	JD			8.575	
001074-55-1	Benzene, 1-methyl-4-propyl-	1700	JD			8.61	
000527-84-4	o-Cymene	1700	JD			8.804	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	2900	JD			8.91	
	(DEL) Alkane: Straight-Chain9.033	12000	JD			9.033	
	unknown-01	2800	JD			9.157	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK6DL	SDG No.:	BM100324
Lab Sample ID:	P4020-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047811.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000123-18-2	4-Nonanone, 2,6,8-trimethyl-unknown-02	1700	JD			10.716	
		2700	JD			10.98	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	2200	JD			11.698	
	(DEL) Alkane: Straight-Chain12.027	2200	JD			12.027	
	(DEL) Alkane: Straight-Chain13.269	2600	JD			13.269	
1000309-39-0	Oxalic acid, bis(2-ethylhexyl) est	9500	JD			14.345	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	2300	JD			14.58	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	2900	JD			15.198	
	(DEL) Alkane: Straight-Chain15.292	3400	JD			15.292	
	(DEL) Alkane: Straight-Chain16.151	2700	JD			16.151	
	(DEL) Alkane: Straight-Chain16.945	2400	JD			16.945	
	(DEL) Alkane: Straight-Chain16.998	1600	JD			16.998	
	(DEL) Alkane: Straight-Chain17.680	1800	JD			17.68	
E966796	Total Alkanes	61000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8DL	SDG No.:	BM100324
Lab Sample ID:	P4020-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047812.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310	U	310	160	1600	ug/Kg
100-52-7	Benzaldehyde	1800	U	1800	2000	7900	ug/Kg
110-86-1	Pyridine	1000	U	1000	4000	7900	ug/Kg
108-95-2	Phenol	840	U	840	2000	7900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	820	U	820	2000	7900	ug/Kg
95-57-8	2-Chlorophenol	670	U	670	1000	4100	ug/Kg
95-48-7	2-Methylphenol	720	U	720	2000	7900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	650	U	650	2000	7900	ug/Kg
98-86-2	Acetophenone	910	U	910	2000	7900	ug/Kg
106-44-5	4-Methylphenol	770	U	770	2000	7900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	700	U	700	1000	4100	ug/Kg
67-72-1	Hexachloroethane	550	U	550	1000	4100	ug/Kg
98-95-3	Nitrobenzene	870	U	870	1000	4100	ug/Kg
78-59-1	Isophorone	820	U	820	1000	4100	ug/Kg
88-75-5	2-Nitrophenol	770	U	770	1000	4100	ug/Kg
105-67-9	2,4-Dimethylphenol	670	U	670	1000	4100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	910	U	910	1000	4100	ug/Kg
120-83-2	2,4-Dichlorophenol	940	U	940	1000	4100	ug/Kg
91-20-3	Naphthalene	820	U	820	1000	4100	ug/Kg
106-47-8	4-Chloroaniline	1000	U	1000	1000	7900	ug/Kg
87-68-3	Hexachlorobutadiene	820	U	820	1000	4100	ug/Kg
105-60-2	Caprolactam	2900	U	2900	2000	7900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	670	U	670	1000	4100	ug/Kg
90-12-0	1-Methylnaphthalene	990	U	990	1000	4100	ug/Kg
91-57-6	2-Methylnaphthalene	890	U	890	1000	4100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	2000	7900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000	U	1000	1000	4100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000	U	1000	1000	4100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8DL	SDG No.:	BM100324
Lab Sample ID:	P4020-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047812.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200	U	1200	1000	4100	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1000	4100	ug/Kg
88-74-4	2-Nitroaniline	530	U	530	1000	4100	ug/Kg
131-11-3	Dimethylphthalate	1000	U	1000	1000	4100	ug/Kg
606-20-2	2,6-Dinitrotoluene	500	U	500	1000	4100	ug/Kg
208-96-8	Acenaphthylene	1000	U	1000	1000	4100	ug/Kg
99-09-2	3-Nitroaniline	480	U	480	2000	7900	ug/Kg
83-32-9	Acenaphthene	990	U	990	1000	4100	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2000	7900	ug/Kg
100-02-7	4-Nitrophenol	990	U	990	2000	7900	ug/Kg
132-64-9	Dibenzofuran	1100	U	1100	1000	4100	ug/Kg
121-14-2	2,4-Dinitrotoluene	650	U	650	1000	4100	ug/Kg
84-66-2	Diethylphthalate	1400	U	1400	1000	4100	ug/Kg
86-73-7	Fluorene	1100	U	1100	1000	4100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	1000	4100	ug/Kg
100-01-6	4-Nitroaniline	1000	U	1000	2000	7900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	2000	7900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000	U	1000	1000	4100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U	1200	1000	4100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	1000	4100	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	1000	4100	ug/Kg
1912-24-9	Atrazine	940	U	940	2000	7900	ug/Kg
87-86-5	Pentachlorophenol	97000	D	2100	2000	7900	ug/Kg
85-01-8	Phenanthrene	1100	U	1100	1000	4100	ug/Kg
608-93-5	Pentachlorobenzene	1200	U	1200	1000	4100	ug/Kg
120-12-7	Anthracene	1000	U	1000	1000	4100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	790	U	790	1000	4100	ug/Kg
86-74-8	Carbazole	1100	U	1100	2000	7900	ug/Kg
84-74-2	Di-n-butylphthalate	1000	U	1000	1000	4100	ug/Kg
206-44-0	Fluoranthene	1100	U	1100	2000	4100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8DL	SDG No.:	BM100324
Lab Sample ID:	P4020-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047812.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1000	4100	ug/Kg
85-68-7	Butylbenzylphthalate	770	U	770	1000	4100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550	U	550	2000	7900	ug/Kg
56-55-3	Benzo(a)anthracene	940	U	940	1000	4100	ug/Kg
218-01-9	Chrysene	1100	U	1100	1000	4100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	1000	4100	ug/Kg
117-84-0	Di-n-octyl phthalate	820	U	820	2000	7900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000	U	1000	1000	4100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	U	1100	1000	4100	ug/Kg
50-32-8	Benzo(a)pyrene	1000	U	1000	1000	4100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890	U	890	1000	4100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890	U	890	1000	4100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840	U	840	1000	4100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	7600	D	890	1000	4100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	9.72		20-120		24	SPK: -40
4165-62-2	Phenol-d5	11.32		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.24		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.04		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	10.84		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.74		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.38		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.62		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.56		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.08		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	14.36		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	15.52		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8DL	SDG No.:	BM100324
Lab Sample ID:	P4020-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047812.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.62		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	14.98		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	15.82		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.16		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221930	7.804				
1146-65-2	Naphthalene-d8	926471	10.592				
15067-26-2	Acenaphthene-d10	600118	14.439				
1517-22-2	Phenanthrene-d10	1263005	17.174				
1719-03-5	Chrysene-d12	1213400	21.398				
1520-96-3	Perylene-d12	1413439	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.828	3000	JD			5.828	
	(DEL) Alkane: Straight-Chain6.804	1700	JD			6.804	
	(DEL) Alkane: Straight-Chain6.857	2000	JD			6.857	
	(DEL) Alkane: Straight-Chain6.969	3600	JD			6.969	
	(DEL) Alkane: Straight-Chain7.434	13000	JD			7.434	
000104-76-7	1-Hexanol, 2-ethyl-	4700	JD			7.869	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	2900	JD			8.234	
	(DEL) Alkane: Straight-Chain8.340	2300	JD			8.34	
	(DEL) Alkane: Straight-Chain8.575	2400	JD			8.575	
001074-43-7	Benzene, 1-methyl-3-propyl-	1700	JD			8.61	
000099-87-6	p-Cymene	1900	JD			8.804	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	3500	JD			8.91	
	(DEL) Alkane: Straight-Chain9.034	11000	JD			9.034	
	unknown-01	2500	JD			9.157	
000123-18-2	4-Nonanone, 2,6,8-trimethyl-	1900	JD			10.716	
	unknown-02	2000	JD			10.981	
	(DEL) Alkane: Straight-Chain12.022	1800	JD			12.022	

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8DL	SDG No.:	BM100324
Lab Sample ID:	P4020-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047812.D	20	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000309-19-3	(DEL) Alkane: Straight-Chain13.269	2300	JD			13.269	
	Sulfurous acid, decyl 2-ethylhexyl	4200	JD			14.345	
	(DEL) Alkane: Straight-Chain15.292	2700	JD			15.292	
	(DEL) Alkane: Straight-Chain16.151	2300	JD			16.151	
	(DEL) Alkane: Straight-Chain16.939	2000	JD			16.939	
E966796	Total Alkanes	50000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047813.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	480	U	480	240	2500	ug/Kg
100-52-7	Benzaldehyde	2800	U	2800	3000	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6100	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1600	6300	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	3000	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1600	6300	ug/Kg
67-72-1	Hexachloroethane	850	U	850	1600	6300	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1600	6300	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6300	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1600	6300	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1600	6300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1600	6300	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1600	6300	ug/Kg
91-20-3	Naphthalene	1300	U	1300	1600	6300	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6300	ug/Kg
105-60-2	Caprolactam	4400	U	4400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1600	6300	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1600	6300	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	1600	6300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1600	6300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1600	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047813.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800	U	1800	1600	6300	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	1600	6300	ug/Kg
88-74-4	2-Nitroaniline	810	U	810	1600	6300	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1600	6300	ug/Kg
606-20-2	2,6-Dinitrotoluene	770	U	770	1600	6300	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1600	6300	ug/Kg
99-09-2	3-Nitroaniline	740	U	740	3000	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1600	6300	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	U	4400	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3000	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1600	6300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1600	6300	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1600	6300	ug/Kg
86-73-7	Fluorene	1700	U	1700	1600	6300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1600	6300	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	590	U	590	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1600	6300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1600	6300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700	U	1700	1600	6300	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1600	6300	ug/Kg
1912-24-9	Atrazine	1400	U	1400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	340000	ED	3200	3000	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1600	6300	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1600	6300	ug/Kg
120-12-7	Anthracene	1600	U	1600	1600	6300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1600	6300	ug/Kg
86-74-8	Carbazole	1700	U	1700	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1600	6300	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3000	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047813.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1600	6300	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1600	6300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850	U	850	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1600	6300	ug/Kg
218-01-9	Chrysene	1700	U	1700	1600	6300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1600	6300	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	U	1500	1600	6300	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1600	6300	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1600	6300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1600	6300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	1600	6300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1600	6300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3800	JD	1400	1600	6300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	24.39		20-120		61	SPK: -40
4165-62-2	Phenol-d5	23.01		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.69		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	21.15		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.81		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.57		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.39		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.88		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.42		10-145		106	SPK: -40
93951-97-4	Acenaphthylene-d8	36.36		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	39.81		20-140		100	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047813.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.69		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	35.46		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	37.05		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.58		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111601	7.804				
1146-65-2	Naphthalene-d8	445117	10.592				
15067-26-2	Acenaphthene-d10	281561	14.433				
1517-22-2	Phenanthrene-d10	619797	17.174				
1719-03-5	Chrysene-d12	604639	21.397				
1520-96-3	Perylene-d12	702000	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1800	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047814.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	83.4	840	ug/Kg
100-52-7	Benzaldehyde	950	U	950	1000	4200	ug/Kg
110-86-1	Pyridine	540	U	540	2100	4200	ug/Kg
108-95-2	Phenol	440	U	440	1000	4200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	430	U	430	1000	4200	ug/Kg
95-57-8	2-Chlorophenol	350	U	350	540	2100	ug/Kg
95-48-7	2-Methylphenol	380	U	380	1000	4200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	340	1000	4200	ug/Kg
98-86-2	Acetophenone	480	U	480	1000	4200	ug/Kg
106-44-5	4-Methylphenol	400	U	400	1000	4200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	370	U	370	540	2100	ug/Kg
67-72-1	Hexachloroethane	290	U	290	540	2100	ug/Kg
98-95-3	Nitrobenzene	460	U	460	540	2100	ug/Kg
78-59-1	Isophorone	5500	D	430	540	2100	ug/Kg
88-75-5	2-Nitrophenol	400	U	400	540	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	350	U	350	540	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	480	U	480	540	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	540	2100	ug/Kg
91-20-3	Naphthalene	17000	D	430	540	2100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	540	4200	ug/Kg
87-68-3	Hexachlorobutadiene	430	U	430	540	2100	ug/Kg
105-60-2	Caprolactam	1500	U	1500	1000	4200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	350	U	350	540	2100	ug/Kg
90-12-0	1-Methylnaphthalene	27000	D	520	540	2100	ug/Kg
91-57-6	2-Methylnaphthalene	44000	ED	470	540	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1000	4200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	540	U	540	540	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	530	U	530	540	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047814.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3200	D	610	540	2100	ug/Kg
91-58-7	2-Chloronaphthalene	570	U	570	540	2100	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	540	2100	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	540	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	540	2100	ug/Kg
208-96-8	Acenaphthylene	540	U	540	540	2100	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	1000	4200	ug/Kg
83-32-9	Acenaphthene	1800	JD	520	540	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1000	4200	ug/Kg
100-02-7	4-Nitrophenol	520	U	520	1000	4200	ug/Kg
132-64-9	Dibenzofuran	580	U	580	540	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	340	540	2100	ug/Kg
84-66-2	Diethylphthalate	760	U	760	540	2100	ug/Kg
86-73-7	Fluorene	2800	D	570	540	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	590	U	590	540	2100	ug/Kg
100-01-6	4-Nitroaniline	530	U	530	1000	4200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	1000	4200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	530	U	530	540	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	640	U	640	540	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	570	U	570	540	2100	ug/Kg
118-74-1	Hexachlorobenzene	630	U	630	540	2100	ug/Kg
1912-24-9	Atrazine	490	U	490	1000	4200	ug/Kg
87-86-5	Pentachlorophenol	8200000	ED	1100	1000	4200	ug/Kg
85-01-8	Phenanthrene	8800	D	560	540	2100	ug/Kg
608-93-5	Pentachlorobenzene	640	U	640	540	2100	ug/Kg
120-12-7	Anthracene	540	U	540	540	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	420	U	420	540	2100	ug/Kg
86-74-8	Carbazole	570	U	570	1000	4200	ug/Kg
84-74-2	Di-n-butylphthalate	980	JD	530	540	2100	ug/Kg
206-44-0	Fluoranthene	610	JD	560	1000	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047814.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	560	U	560	540	2100	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	400	540	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	1000	4200	ug/Kg
56-55-3	Benzo(a)anthracene	490	U	490	540	2100	ug/Kg
218-01-9	Chrysene	570	U	570	540	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	540	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	430	U	430	1000	4200	ug/Kg
205-99-2	Benzo(b)fluoranthene	530	U	530	540	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	570	U	570	540	2100	ug/Kg
50-32-8	Benzo(a)pyrene	530	U	530	540	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	U	470	540	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470	U	470	540	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440	U	440	540	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	810000	ED	470	540	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	235.13	*	15-120		2939	SPK: -8
7291-22-7	Pyridine-d5	635.27	*	20-120		1588	SPK: -40
4165-62-2	Phenol-d5	708.41	*	10-130		1771	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	742.54	*	10-150		1856	SPK: -40
93951-73-6	2-Chlorophenol-d4	852.89	*	15-120		2132	SPK: -40
190780-66-6	4-Methylphenol-d8	714.05	*	10-140		1785	SPK: -40
4165-60-0	Nitrobenzene-d5	970.79	*	10-135		2427	SPK: -40
93951-78-1	2-Nitrophenol-d4	945.7	*	10-120		2364	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	977.74	*	10-140		2444	SPK: -40
191656-33-4	4-Chloroaniline-d4	758.79	*	1-145		1897	SPK: -40
85448-30-2	Dimethylphthalate-d6	1185.5	*	10-145		2964	SPK: -40
93951-97-4	Acenaphthylene-d8	1092.1	*	15-120		2730	SPK: -40
93951-79-2	4-Nitrophenol-d4	191.19	*	10-150		478	SPK: -40
81103-79-9	Fluorene-d10	1184.26	*	20-140		2961	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047814.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	567.9	*	10-130		1420	SPK: -40
1719-06-8	Anthracene-d10	1170.97	*	10-150		2927	SPK: -40
1718-52-1	Pyrene-d10	1221.99	*	10-130		3055	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	1152.84	*	10-140		2882	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5018	7.804				
1146-65-2	Naphthalene-d8	16252	10.592				
15067-26-2	Acenaphthene-d10	11077	14.439				
1517-22-2	Phenanthrene-d10	22228	17.174				
1719-03-5	Chrysene-d12	22267	21.397				
1520-96-3	Perylene-d12	23779	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	610	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-13DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047815.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490	U	490	250	2500	ug/Kg
100-52-7	Benzaldehyde	2800	U	2800	3100	13000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6300	13000	ug/Kg
108-95-2	Phenol	1300	U	1300	3100	13000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3100	13000	ug/Kg
95-57-8	2-Chlorophenol	1100	U	1100	1600	6400	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3100	13000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	3100	13000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3100	13000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3100	13000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1600	6400	ug/Kg
67-72-1	Hexachloroethane	870	U	870	1600	6400	ug/Kg
98-95-3	Nitrobenzene	1400	U	1400	1600	6400	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6400	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1600	6400	ug/Kg
105-67-9	2,4-Dimethylphenol	1100	U	1100	1600	6400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1600	6400	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1600	6400	ug/Kg
91-20-3	Naphthalene	1300	U	1300	1600	6400	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	13000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6400	ug/Kg
105-60-2	Caprolactam	4600	U	4600	3100	13000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1600	6400	ug/Kg
90-12-0	1-Methylnaphthalene	1600	U	1600	1600	6400	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	1600	6400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	U	3000	3100	13000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1600	6400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1600	6400	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-13DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047815.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800	U	1800	1600	6400	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	1600	6400	ug/Kg
88-74-4	2-Nitroaniline	830	U	830	1600	6400	ug/Kg
131-11-3	Dimethylphthalate	1600	U	1600	1600	6400	ug/Kg
606-20-2	2,6-Dinitrotoluene	800	U	800	1600	6400	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1600	6400	ug/Kg
99-09-2	3-Nitroaniline	760	U	760	3100	13000	ug/Kg
83-32-9	Acenaphthene	1600	U	1600	1600	6400	ug/Kg
51-28-5	2,4-Dinitrophenol	4600	U	4600	3100	13000	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	3100	13000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1600	6400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1600	6400	ug/Kg
84-66-2	Diethylphthalate	2300	U	2300	1600	6400	ug/Kg
86-73-7	Fluorene	1700	U	1700	1600	6400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1600	6400	ug/Kg
100-01-6	4-Nitroaniline	1600	U	1600	3100	13000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	610	U	610	3100	13000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	1600	6400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1600	6400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700	U	1700	1600	6400	ug/Kg
118-74-1	Hexachlorobenzene	1900	U	1900	1600	6400	ug/Kg
1912-24-9	Atrazine	1500	U	1500	3100	13000	ug/Kg
87-86-5	Pentachlorophenol	140000	D	3300	3100	13000	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1600	6400	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1600	6400	ug/Kg
120-12-7	Anthracene	1600	U	1600	1600	6400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300	U	1300	1600	6400	ug/Kg
86-74-8	Carbazole	1700	U	1700	3100	13000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1600	6400	ug/Kg
206-44-0	Fluoranthene	1700	U	1700	3100	6400	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-13DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047815.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	U	1700	1600	6400	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1600	6400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	870	U	870	3100	13000	ug/Kg
56-55-3	Benzo(a)anthracene	1500	U	1500	1600	6400	ug/Kg
218-01-9	Chrysene	1700	U	1700	1600	6400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700	U	1700	1600	6400	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3100	13000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	1600	6400	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1600	6400	ug/Kg
50-32-8	Benzo(a)pyrene	1600	U	1600	1600	6400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1600	6400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	1600	6400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1600	6400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14000	D	1400	1600	6400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.82		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.15		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.04		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	13.71		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	15.24		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.1		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.61		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.15		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.37		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	18.96		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	21.51		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9DL2	SDG No.:	BM100324
Lab Sample ID:	P4020-13DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047815.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	18.84		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.32		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.92		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228601	7.798				
1146-65-2	Naphthalene-d8	944160	10.592				
15067-26-2	Acenaphthene-d10	615731	14.439				
1517-22-2	Phenanthrene-d10	1332343	17.174				
1719-03-5	Chrysene-d12	1316419	21.397				
1520-96-3	Perylene-d12	1574004	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.828	2900	JD			5.828	
	(DEL) Alkane: Straight-Chain6.969	3800	JD			6.969	
	(DEL) Alkane: Straight-Chain7.434	11000	JD			7.434	
000104-76-7	1-Hexanol, 2-ethyl-	4900	JD			7.869	
	(DEL) Alkane: Straight-Chain9.033	9700	JD			9.033	
	(DEL) Alkane: Straight-Chain14.345	12000	JD			14.345	
	(DEL) Alkane: Straight-Chain15.292	2800	JD			15.292	
E966796	Total Alkanes	42000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0DL	SDG No.:	BM100324
Lab Sample ID:	P4020-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047816.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470	U	470	240	2400	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3000	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6000	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1500	6200	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980	U	980	3000	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1500	6200	ug/Kg
67-72-1	Hexachloroethane	840	U	840	1500	6200	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1500	6200	ug/Kg
78-59-1	Isophorone	1200	U	1200	1500	6200	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1500	6200	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1500	6200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1500	6200	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1500	6200	ug/Kg
91-20-3	Naphthalene	1200	U	1200	1500	6200	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1500	6200	ug/Kg
105-60-2	Caprolactam	4400	U	4400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1500	6200	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1500	6200	ug/Kg
91-57-6	2-Methylnaphthalene	1300	U	1300	1500	6200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1500	6200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1500	6200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0DL	SDG No.:	BM100324
Lab Sample ID:	P4020-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047816.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	1500	6200	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	6200	ug/Kg
88-74-4	2-Nitroaniline	800	U	800	1500	6200	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	6200	ug/Kg
606-20-2	2,6-Dinitrotoluene	760	U	760	1500	6200	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1500	6200	ug/Kg
99-09-2	3-Nitroaniline	730	U	730	3000	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1500	6200	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	U	4400	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3000	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1500	6200	ug/Kg
121-14-2	2,4-Dinitrotoluene	980	U	980	1500	6200	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1500	6200	ug/Kg
86-73-7	Fluorene	1600	U	1600	1500	6200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1500	6200	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580	U	580	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	6200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1500	6200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	1500	6200	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1500	6200	ug/Kg
1912-24-9	Atrazine	1400	U	1400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	220000	ED	3200	3000	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1500	6200	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	6200	ug/Kg
120-12-7	Anthracene	1600	U	1600	1500	6200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1500	6200	ug/Kg
86-74-8	Carbazole	1600	U	1600	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1500	6200	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3000	6200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0DL	SDG No.:	BM100324
Lab Sample ID:	P4020-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047816.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1500	6200	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1500	6200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840	U	840	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1500	6200	ug/Kg
218-01-9	Chrysene	1600	U	1600	1500	6200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1500	6200	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	U	1500	1500	6200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1500	6200	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1500	6200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	U	1300	1500	6200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1500	6200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1500	6200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	20000	D	1300	1500	6200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.19		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.5		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.88		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	17.28		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	22.05		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.92		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.49		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.73		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.42		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.08		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	28.05		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0DL	SDG No.:	BM100324
Lab Sample ID:	P4020-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047816.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	24.39		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	27.51		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.01		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215100	7.804				
1146-65-2	Naphthalene-d8	902035	10.598				
15067-26-2	Acenaphthene-d10	581276	14.439				
1517-22-2	Phenanthrene-d10	1237627	17.174				
1719-03-5	Chrysene-d12	1182300	21.397				
1520-96-3	Perylene-d12	1370574	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.828	5200	JD			5.828	
	(DEL) Alkane: Cyclic6.451	2500	JD			6.451	
	(DEL) Alkane: Straight-Chain6.804	2600	JD			6.804	
	(DEL) Alkane: Straight-Chain6.857	3200	JD			6.857	
	(DEL) Alkane: Straight-Chain6.969	6000	JD			6.969	
019549-80-5	2-Heptanone, 4,6-dimethyl-	2700	JD			7.234	
	(DEL) Alkane: Straight-Chain7.434	19000	JD			7.434	
000104-76-7	1-Hexanol, 2-ethyl-	8000	JD			7.869	
	(DEL) Alkane: Straight-Chain8.339	3300	JD			8.339	
	(DEL) Alkane: Straight-Chain8.469	6000	JD			8.469	
	(DEL) Alkane: Straight-Chain8.575	3500	JD			8.575	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	3600	JD			8.91	
	(DEL) Alkane: Straight-Chain9.034	17000	JD			9.034	
	unknown-01	4000	JD			9.157	
019594-40-2	Heptyl isobutyl ketone	2700	JD			10.716	
	unknown-02	3700	JD			10.98	
	(DEL) Alkane: Straight-Chain12.028	3000	JD			12.028	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0DL	SDG No.:	BM100324
Lab Sample ID:	P4020-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047816.D	30	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000309-20-0	(DEL) Alkane: Straight-Chain13.269	3500	JD			13.269	
	Sulfurous acid, 2-ethylhexyl hepta	12000	JD			14.345	
	(DEL) Alkane: Straight-Chain15.292	4200	JD			15.292	
	(DEL) Alkane: Straight-Chain16.151	3100	JD			16.151	
	(DEL) Alkane: Straight-Chain16.939	2900	JD			16.939	
E966796	Total Alkanes	85000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK2DL	SDG No.:	BM100324
Lab Sample ID:	P4020-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047817.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	150	U	150	76.1	770	ug/Kg
100-52-7	Benzaldehyde	870	U	870	950	3800	ug/Kg
110-86-1	Pyridine	500	U	500	1900	3800	ug/Kg
108-95-2	Phenol	400	U	400	950	3800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	390	U	390	950	3800	ug/Kg
95-57-8	2-Chlorophenol	320	U	320	490	2000	ug/Kg
95-48-7	2-Methylphenol	350	U	350	950	3800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	950	3800	ug/Kg
98-86-2	Acetophenone	440	U	440	950	3800	ug/Kg
106-44-5	4-Methylphenol	370	U	370	950	3800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	330	U	330	490	2000	ug/Kg
67-72-1	Hexachloroethane	270	U	270	490	2000	ug/Kg
98-95-3	Nitrobenzene	420	U	420	490	2000	ug/Kg
78-59-1	Isophorone	390	U	390	490	2000	ug/Kg
88-75-5	2-Nitrophenol	370	U	370	490	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	490	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	440	U	440	490	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	490	2000	ug/Kg
91-20-3	Naphthalene	390	U	390	490	2000	ug/Kg
106-47-8	4-Chloroaniline	500	U	500	490	3800	ug/Kg
87-68-3	Hexachlorobutadiene	390	U	390	490	2000	ug/Kg
105-60-2	Caprolactam	1400	U	1400	950	3800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	320	U	320	490	2000	ug/Kg
90-12-0	1-Methylnaphthalene	470	U	470	490	2000	ug/Kg
91-57-6	2-Methylnaphthalene	430	U	430	490	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	910	U	910	950	3800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	U	500	490	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	490	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK2DL	SDG No.:	BM100324
Lab Sample ID:	P4020-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047817.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	550	U	550	490	2000	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	490	2000	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	490	2000	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	490	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	240	U	240	490	2000	ug/Kg
208-96-8	Acenaphthylene	500	U	500	490	2000	ug/Kg
99-09-2	3-Nitroaniline	230	U	230	950	3800	ug/Kg
83-32-9	Acenaphthene	470	U	470	490	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	950	3800	ug/Kg
100-02-7	4-Nitrophenol	470	U	470	950	3800	ug/Kg
132-64-9	Dibenzofuran	530	U	530	490	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	310	U	310	490	2000	ug/Kg
84-66-2	Diethylphthalate	690	U	690	490	2000	ug/Kg
86-73-7	Fluorene	520	U	520	490	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	490	2000	ug/Kg
100-01-6	4-Nitroaniline	480	U	480	950	3800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	950	3800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	480	U	480	490	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	590	U	590	490	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	520	U	520	490	2000	ug/Kg
118-74-1	Hexachlorobenzene	580	U	580	490	2000	ug/Kg
1912-24-9	Atrazine	450	U	450	950	3800	ug/Kg
87-86-5	Pentachlorophenol	23000	D	1000	950	3800	ug/Kg
85-01-8	Phenanthrene	510	U	510	490	2000	ug/Kg
608-93-5	Pentachlorobenzene	590	U	590	490	2000	ug/Kg
120-12-7	Anthracene	500	U	500	490	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	380	U	380	490	2000	ug/Kg
86-74-8	Carbazole	520	U	520	950	3800	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	480	490	2000	ug/Kg
206-44-0	Fluoranthene	510	U	510	950	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK2DL	SDG No.:	BM100324
Lab Sample ID:	P4020-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047817.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	510	U	510	490	2000	ug/Kg
85-68-7	Butylbenzylphthalate	370	U	370	490	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	270	U	270	950	3800	ug/Kg
56-55-3	Benzo(a)anthracene	450	U	450	490	2000	ug/Kg
218-01-9	Chrysene	520	U	520	490	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	510	U	510	490	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	390	950	3800	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	U	480	490	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	520	U	520	490	2000	ug/Kg
50-32-8	Benzo(a)pyrene	480	U	480	490	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	U	430	490	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	430	U	430	490	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	U	400	490	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	560	JD	430	490	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.1		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.91		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.41		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.22		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	16.5		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.25		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.83		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.74		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.71		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.01		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.37		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	24.5		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCK2DL	SDG No.:	BM100324
Lab Sample ID:	P4020-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047817.D	10	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.74		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	22.31		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	24.37		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.75		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238914	7.804				
1146-65-2	Naphthalene-d8	968627	10.592				
15067-26-2	Acenaphthene-d10	616448	14.439				
1517-22-2	Phenanthrene-d10	1304956	17.174				
1719-03-5	Chrysene-d12	1219603	21.397				
1520-96-3	Perylene-d12	1440481	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
1000309-20-1	Sulfurous acid, 2-ethylhexyl octad	1500	JD			14.345	
E966796	Total Alkanes	550	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:	SBLK635	SDG No.:	BM100324
Lab Sample ID:	PB163635BL	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
BM047819.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

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:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK635	SDG No.:	BM100324
Lab Sample ID:	PB163635BL	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
BM047819.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

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:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK635	SDG No.:	BM100324
Lab Sample ID:	PB163635BL	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
BM047819.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

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	4.628		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	21.699		20-120		54	SPK: -40
4165-62-2	Phenol-d5	22.233		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.509		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.05		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.214		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	26.477		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.797		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.744		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.135		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.765		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.776		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.144		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	26.591		20-140		66	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:	SBLK635	SDG No.:	BM100324
Lab Sample ID:	PB163635BL	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
BM047819.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.393		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	25.701		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.018		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.244		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244133	7.804				
1146-65-2	Naphthalene-d8	944745	10.592				
15067-26-2	Acenaphthene-d10	588415	14.433				
1517-22-2	Phenanthrene-d10	1197867	17.174				
1719-03-5	Chrysene-d12	1142770	21.397				
1520-96-3	Perylene-d12	1357275	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL8	SDG No.:	BM100324
Lab Sample ID:	P4084-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
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
BM047820.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.7	88	ug/Kg
100-52-7	Benzaldehyde	99	U	99	110	430	ug/Kg
110-86-1	Pyridine	57	U	57	220	430	ug/Kg
108-95-2	Phenol	46	U	46	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.9	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	110	430	ug/Kg
98-86-2	Acetophenone	50	U	50	110	430	ug/Kg
106-44-5	4-Methylphenol	42	U	42	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	55.9	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	55.9	220	ug/Kg
98-95-3	Nitrobenzene	47	U	47	55.9	220	ug/Kg
78-59-1	Isophorone	45	U	45	55.9	220	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	55.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	55.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	55.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	55.9	220	ug/Kg
91-20-3	Naphthalene	300		45	55.9	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	55.9	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55.9	220	ug/Kg
105-60-2	Caprolactam	160	U	160	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	55.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	55.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	79	J	49	55.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	55.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	55.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL8	SDG No.:	BM100324
Lab Sample ID:	P4084-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
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
BM047820.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	55.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	55.9	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.9	220	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	55.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	55.9	220	ug/Kg
208-96-8	Acenaphthylene	57	U	57	55.9	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	430	ug/Kg
83-32-9	Acenaphthene	85	J	54	55.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	430	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	110	430	ug/Kg
132-64-9	Dibenzofuran	61	U	61	55.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	36	U	36	55.9	220	ug/Kg
84-66-2	Diethylphthalate	79	U	79	55.9	220	ug/Kg
86-73-7	Fluorene	280		59	55.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	55.9	220	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	55.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	55.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	55.9	220	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	55.9	220	ug/Kg
1912-24-9	Atrazine	51	U	51	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	1200		58	55.9	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	55.9	220	ug/Kg
120-12-7	Anthracene	340		57	55.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	55.9	220	ug/Kg
86-74-8	Carbazole	59	U	59	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	55.9	220	ug/Kg
206-44-0	Fluoranthene	680		58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL8	SDG No.:	BM100324
Lab Sample ID:	P4084-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
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
BM047820.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	440		58	55.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	42	U	42	55.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	51	55.9	220	ug/Kg
218-01-9	Chrysene	330		59	55.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58	U	58	55.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	440		55	55.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	59	55.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	55.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	J	49	55.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	55.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	55.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	55.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.179		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.928	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.142		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.027		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.143		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	6.031		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	7.04		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.179		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.419		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.638		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.17		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	7.766		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.982		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	8.331		20-140		21	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL8	SDG No.:	BM100324
Lab Sample ID:	P4084-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
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
BM047820.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.222		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	7.907		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	6.687		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.486		10-140		11	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	247395	7.804				
1146-65-2	Naphthalene-d8	961866	10.592				
15067-26-2	Acenaphthene-d10	567514	14.439				
1517-22-2	Phenanthrene-d10	1155496	17.174				
1719-03-5	Chrysene-d12	1159206	21.397				
1520-96-3	Perylene-d12	1369374	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	120	J			8.622	
000132-64-9	Dibenzo furan	220	J			14.833	
000119-61-9	Benzophenone	120	J			15.786	
000486-25-9	9H-Fluoren-9-one	91	J			16.827	
000233-02-3	Naphtho[2,1-b]thiophene	95	J			16.992	
000086-74-8	Carba zole	120	J			17.574	
000057-10-3	n-Hexadecanoic acid	340	J			18.068	
000203-64-5	4H-Cyclopenta[def]phenanthrene	390	J			18.245	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	490	J			18.792	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	1200	J			19.286	
	(DEL) Alkane: Cyclic21.074	220	J			21.074	
	(DEL) Alkane: Straight-Chain22.186	2900	J			22.186	
000557-59-5	Tetracosanoic acid	420	J			22.621	
015594-90-8	1-Heneicosanol	1400	J			23.609	
000083-47-6	.gamma.-Sitosterol	1400	J			29.309	
E966796	Total Alkanes	3100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL9	SDG No.:	BM100324
Lab Sample ID:	P4084-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BM047821.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.9	89	ug/Kg
100-52-7	Benzaldehyde	100	U	100	110	440	ug/Kg
110-86-1	Pyridine	58	U	58	220	440	ug/Kg
108-95-2	Phenol	47	U	47	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	440	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	57	230	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	110	440	ug/Kg
98-86-2	Acetophenone	51	U	51	110	440	ug/Kg
106-44-5	4-Methylphenol	43	U	43	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39	U	39	57	230	ug/Kg
67-72-1	Hexachloroethane	31	U	31	57	230	ug/Kg
98-95-3	Nitrobenzene	48	U	48	57	230	ug/Kg
78-59-1	Isophorone	46	U	46	57	230	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	57	230	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	57	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	57	230	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	57	230	ug/Kg
91-20-3	Naphthalene	310		46	57	230	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	57	440	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	57	230	ug/Kg
105-60-2	Caprolactam	160	U	160	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	57	230	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	57	230	ug/Kg
91-57-6	2-Methylnaphthalene	76	J	50	57	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	57	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	57	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL9	SDG No.:	BM100324
Lab Sample ID:	P4084-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BM047821.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	64	U	64	57	230	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	60	57	230	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	57	230	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	57	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	57	230	ug/Kg
208-96-8	Acenaphthylene	58	U	58	57	230	ug/Kg
99-09-2	3-Nitroaniline	27	U	27	110	440	ug/Kg
83-32-9	Acenaphthene	68	J	55	57	230	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	440	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	110	440	ug/Kg
132-64-9	Dibenzofuran	62	U	62	57	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	36	U	36	57	230	ug/Kg
84-66-2	Diethylphthalate	81	U	81	57	230	ug/Kg
86-73-7	Fluorene	210	J	60	57	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	57	230	ug/Kg
100-01-6	4-Nitroaniline	56	U	56	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	57	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	68	U	68	57	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60	U	60	57	230	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	57	230	ug/Kg
1912-24-9	Atrazine	52	U	52	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	610		59	57	230	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	57	230	ug/Kg
120-12-7	Anthracene	160	J	58	57	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	44	U	44	57	230	ug/Kg
86-74-8	Carbazole	60	U	60	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	56	U	56	57	230	ug/Kg
206-44-0	Fluoranthene	450		59	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL9	SDG No.:	BM100324
Lab Sample ID:	P4084-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BM047821.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290		59	57	230	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	57	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	52	57	230	ug/Kg
218-01-9	Chrysene	330		60	57	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59	U	59	57	230	ug/Kg
117-84-0	Di-n-octyl phthalate	46	U	46	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		56	57	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	60	57	230	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	56	57	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	J	50	57	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	57	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	57	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	57	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.013	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.566	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	6.599		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.237		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.874		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	6.87		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	7.717		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.011		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.249		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.794		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.641		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.396		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.945	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	9.028		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL9	SDG No.:	BM100324
Lab Sample ID:	P4084-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BM047821.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.581		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	8.492		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	7.573		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.806		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	279349	7.804				
1146-65-2	Naphthalene-d8	1100900	10.592				
15067-26-2	Acenaphthene-d10	670212	14.433				
1517-22-2	Phenanthrene-d10	1347454	17.174				
1719-03-5	Chrysene-d12	1263594	21.397				
1520-96-3	Perylene-d12	1477360	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	120	J			8.622	
000132-64-9	Dibenzo furan	170	J			14.833	
000119-61-9	Benzophenone	120	J			15.786	
000057-10-3	n-Hexadecanoic acid	270	J			18.068	
000203-64-5	4H-Cyclopenta[def]phenanthrene	250	J			18.245	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	690	J			18.792	
1000347-46-1	Silane, dimethyl(3-ethylphenoxy)et	120	J			18.927	
001908-44-7	1-Naphthalenepropanol, .alpha.-eth	220	J			19.003	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	1500	J			19.286	
000483-65-8	Retene	130	J			20.003	
001740-19-8	Dehydroabietic acid	94	J			21.044	
	(DEL) Alkane: Straight-Chain21.074	210	J			21.074	
	(DEL) Alkane: Straight-Chain22.186	3400	J			22.186	
000557-59-5	Tetracosanoic acid	340	J			22.621	
002004-39-9	1-Heptacosanol	2500	J			23.609	
000083-47-6	.gamma.-Sitosterol	1800	J			29.314	
1000437-00-8	Stigmastane, 3-one, (5.alpha.)	690	J			30.291	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYL9	SDG No.:	BM100324
Lab Sample ID:	P4084-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BM047821.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	3600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM2	SDG No.:	BM100324
Lab Sample ID:	P4084-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BM047822.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

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	93.6	370	ug/Kg
110-86-1	Pyridine	49	U	49	190	370	ug/Kg
108-95-2	Phenol	40	U	40	93.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.6	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.6	370	ug/Kg
98-86-2	Acetophenone	43	U	43	93.6	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.6	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	93.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	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	93.6	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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM2	SDG No.:	BM100324
Lab Sample ID:	P4084-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BM047822.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

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	93.6	370	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.6	370	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	93.6	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	93.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.6	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	93.6	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.6	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	120	J	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	93.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.2	190	ug/Kg
206-44-0	Fluoranthene	160	J	50	93.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM2	SDG No.:	BM100324
Lab Sample ID:	P4084-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BM047822.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	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	93.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	92	J	44	48.2	190	ug/Kg
218-01-9	Chrysene	190		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	93.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		48	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	J	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	54	J	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	1.373		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	0.526	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	7.614		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.79		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.678		15-120		22	SPK: -40
190780-66-6	4-Methylphenol-d8	6.996		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	8.465		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.334		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.114		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.092		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.26		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.976		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.865		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	9.72		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM2	SDG No.:	BM100324
Lab Sample ID:	P4084-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BM047822.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.941		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	8.964		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.983		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.205		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277087	7.804				
1146-65-2	Naphthalene-d8	1113431	10.592				
15067-26-2	Acenaphthene-d10	686763	14.433				
1517-22-2	Phenanthrene-d10	1393840	17.174				
1719-03-5	Chrysene-d12	1349727	21.398				
1520-96-3	Perylene-d12	1532475	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	77	J			8.622	
000119-61-9	Benzophenone	80	J			15.786	
000057-10-3	n-Hexadecanoic acid	83	J			18.068	
1000406-04-8	Pentadecafluorooctanoic acid, octa	91	J			21.074	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN0	SDG No.:	BM100324
Lab Sample ID:	P4084-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047823.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	98.9	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	98.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.9	400	ug/Kg
98-86-2	Acetophenone	46	U	46	98.9	400	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51	200	ug/Kg
78-59-1	Isophorone	41	U	41	51	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51	200	ug/Kg
91-20-3	Naphthalene	41	U	41	51	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	98.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN0	SDG No.:	BM100324
Lab Sample ID:	P4084-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047823.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51	200	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.9	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.9	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.9	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	51	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51	200	ug/Kg
86-73-7	Fluorene	54	U	54	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	51	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.9	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.9	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51	200	ug/Kg
120-12-7	Anthracene	52	U	52	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	51	200	ug/Kg
206-44-0	Fluoranthene	140	J	53	98.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN0	SDG No.:	BM100324
Lab Sample ID:	P4084-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
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
BM047823.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	53	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	76	J	47	51	200	ug/Kg
218-01-9	Chrysene	180	J	54	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	J	54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75	J	44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	J	42	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.22		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	3.069	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	13.235		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.277		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.559		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	14.746		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	15.005		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.706		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.442		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.91		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.683		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.25		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.405		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	18.252		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN0	SDG No.:	BM100324
Lab Sample ID:	P4084-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047823.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.032		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	17.509		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	19.453		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.617		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283282	7.804				
1146-65-2	Naphthalene-d8	1126651	10.592				
15067-26-2	Acenaphthene-d10	681905	14.433				
1517-22-2	Phenanthrene-d10	1387937	17.174				
1719-03-5	Chrysene-d12	1302073	21.397				
1520-96-3	Perylene-d12	1491190	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
013798-23-7	Hexathiane	190	J			14.986	
000119-61-9	Benzophenone	110	J			15.786	
000057-10-3	n-Hexadecanoic acid	220	J			18.074	
	(DEL) Alkane: Cyclic	110	J			21.074	
000192-97-2	Benzo[e]pyrene	100	J			24.121	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN1	SDG No.:	BM100324
Lab Sample ID:	P4084-13	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
BM047824.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

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	1600		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	370		50	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	720		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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN1	SDG No.:	BM100324
Lab Sample ID:	P4084-13	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
BM047824.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

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	1700		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	1600		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	4500	E	53	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.3	210	ug/Kg
120-12-7	Anthracene	890		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	3200		53	99.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN1	SDG No.:	BM100324
Lab Sample ID:	P4084-13	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
BM047824.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2000		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	480		47	51.3	210	ug/Kg
218-01-9	Chrysene	470		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	250		51	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	J	54	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	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	2.005		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	5.011	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	12.942		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.659		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.725		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.28		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	15.977		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.779		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.312		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.08		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.656		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.406		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.857		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	18.228		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN1	SDG No.:	BM100324
Lab Sample ID:	P4084-13	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
BM047824.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.381		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	17.212		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	19.239		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.864		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	287279	7.804				
1146-65-2	Naphthalene-d8	1153329	10.592				
15067-26-2	Acenaphthene-d10	719578	14.439				
1517-22-2	Phenanthrene-d10	1468138	17.174				
1719-03-5	Chrysene-d12	1368084	21.397				
1520-96-3	Perylene-d12	1567348	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000092-52-4	Biphenyl	200	J			13.269	
001127-76-0	Naphthalene, 1-ethyl-	110	J			13.469	
000571-61-9	Naphthalene, 1,5-dimethyl-	190	J			13.604	
000582-16-1	Naphthalene, 2,7-dimethyl-	190	J			13.757	
000132-64-9	Dibenzo furan	1100	J			14.833	
001855-47-6	1-Isopropenylnaphthalene	120	J			15.604	
000954-21-2	Nordiphenamid	210	J			15.645	
000101-81-5	Diphenylmethane	110	J			15.733	
007320-53-8	Dibenzofuran, 4-methyl-	360	J			15.78	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	330	J			15.921	
	unknown-01	86	J			16.151	
001430-97-3	9H-Fluorene, 2-methyl-	190	J			16.48	
000132-65-0	Dibenzothiophene	380	J			16.992	
000244-99-5	5H-Indeno[1,2-b]pyridine	370	J			17.574	
000605-02-7	Naphthalene, 1-phenyl-	83	J			17.692	
002531-84-2	Phenanthrene, 2-methyl-	430	J			18.051	
000613-12-7	Anthracene, 2-methyl-	460	J			18.098	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN1	SDG No.:	BM100324
Lab Sample ID:	P4084-13	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
BM047824.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000832-69-9	Phenanthrene, 1-methyl-	150	J			18.174	
000203-64-5	4H-Cyclopenta[def]phenanthrene	850	J			18.245	
000779-02-2	Anthracene, 9-methyl-	120	J			18.28	
000612-94-2	Naphthalene, 2-phenyl-	260	J			18.545	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	320	J			19.286	
002381-21-7	Pyrene, 1-methyl-	93	J			19.909	
000238-84-6	11H-Benzo[a]fluorene	180	J			20.08	
000243-17-4	11H-Benzo[b]fluorene	190	J			20.18	
033543-31-6	Fluoranthene, 2-methyl-	83	J			20.239	
	unknown-02	100	J			21.074	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN4	SDG No.:	BM100324
Lab Sample ID:	P4084-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BM047825.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	97.8	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	41	U	41	97.8	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.8	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.4	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	97.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.8	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.8	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.8	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.4	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.4	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.4	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.4	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.4	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	97.8	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN4	SDG No.:	BM100324
Lab Sample ID:	P4084-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047825.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.4	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.8	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.8	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	97.8	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.4	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.4	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.8	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.8	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.4	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.8	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.8	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50.4	200	ug/Kg
120-12-7	Anthracene	64	J	51	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.4	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.4	200	ug/Kg
206-44-0	Fluoranthene	170	J	52	97.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN4	SDG No.:	BM100324
Lab Sample ID:	P4084-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BM047825.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	52	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	46	50.4	200	ug/Kg
218-01-9	Chrysene	160	J	53	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		50	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	53	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	J	44	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.245		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.599		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.907		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.968		15-120		22	SPK: -40
190780-66-6	4-Methylphenol-d8	7.352		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	8.76		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.676		10-120		24	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.35		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.048		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.709		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.239		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.12		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	10.003		20-140		25	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DCYN4	SDG No.:	BM100324
Lab Sample ID:	P4084-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047825.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.983		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	9.308		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	8.152		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.409		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	330179	7.804				
1146-65-2	Naphthalene-d8	1341449	10.592				
15067-26-2	Acenaphthene-d10	824184	14.433				
1517-22-2	Phenanthrene-d10	1677167	17.174				
1719-03-5	Chrysene-d12	1647304	21.397				
1520-96-3	Perylene-d12	1888706	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	97	J			8.622	
000119-61-9	Benzophenone	110	J			15.792	
000057-10-3	n-Hexadecanoic acid	160	J			18.068	
	(DEL) Alkane: Cyclic	110	J			21.074	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1	SDG No.:	BM100324
Lab Sample ID:	P4084-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BM047826.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

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	53.3	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	53.3	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.3	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.3	210	ug/Kg
78-59-1	Isophorone	43	U	43	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.3	210	ug/Kg
91-20-3	Naphthalene	43	U	43	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.3	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1	SDG No.:	BM100324
Lab Sample ID:	P4084-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BM047826.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.3	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	53.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.3	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.3	210	ug/Kg
86-73-7	Fluorene	56	U	56	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.3	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	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.3	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	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.3	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.3	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.3	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1	SDG No.:	BM100324
Lab Sample ID:	P4084-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BM047826.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.3	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	53.3	210	ug/Kg
218-01-9	Chrysene	56	U	56	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	53.3	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	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.095		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	1.07	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	21.178		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.391		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.032		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.315		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	27.087		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.005		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.429		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.301		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.881		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	28.628		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.538		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	29.659		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1	SDG No.:	BM100324
Lab Sample ID:	P4084-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BM047826.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.272		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	29.529		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	31.116		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.425		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	280264	7.804				
1146-65-2	Naphthalene-d8	1104900	10.592				
15067-26-2	Acenaphthene-d10	676162	14.439				
1517-22-2	Phenanthrene-d10	1351199	17.174				
1719-03-5	Chrysene-d12	1295566	21.397				
1520-96-3	Perylene-d12	1506053	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.792	
000057-10-3	n-Hexadecanoic acid	210	J			18.068	
	(DEL) Alkane: Straight-Chain	240	J			21.068	
E966796	Total Alkanes	240				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1MS	SDG No.:	BM100324
Lab Sample ID:	P4084-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.06	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
BM047827.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		16	8.3	83	ug/Kg
100-52-7	Benzaldehyde	980		94	100	410	ug/Kg
110-86-1	Pyridine	810		54	210	410	ug/Kg
108-95-2	Phenol	990		44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	970		43	100	410	ug/Kg
95-57-8	2-Chlorophenol	1100		35	53.2	210	ug/Kg
95-48-7	2-Methylphenol	1100		38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	780		34	100	410	ug/Kg
98-86-2	Acetophenone	1000		48	100	410	ug/Kg
106-44-5	4-Methylphenol	1000		40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	970		36	53.2	210	ug/Kg
67-72-1	Hexachloroethane	1000		29	53.2	210	ug/Kg
98-95-3	Nitrobenzene	960		45	53.2	210	ug/Kg
78-59-1	Isophorone	1100		43	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	1300		40	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	970		35	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		48	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		49	53.2	210	ug/Kg
91-20-3	Naphthalene	1100		43	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	890		54	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	1100		43	53.2	210	ug/Kg
105-60-2	Caprolactam	1200		150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		35	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	1100		51	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	1200		46	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	890		99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		54	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		53	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1MS	SDG No.:	BM100324
Lab Sample ID:	P4084-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.06	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
BM047827.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		60	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	1000		28	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	1100		53	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		26	53.2	210	ug/Kg
208-96-8	Acenaphthylene	1100		54	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	1200		25	100	410	ug/Kg
83-32-9	Acenaphthene	1100		51	53.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1000		51	100	410	ug/Kg
132-64-9	Dibenzofuran	1100		58	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		34	53.2	210	ug/Kg
84-66-2	Diethylphthalate	1200		75	53.2	210	ug/Kg
86-73-7	Fluorene	1100		56	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	1300		53	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		53	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		64	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		56	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	1200		63	53.2	210	ug/Kg
1912-24-9	Atrazine	950		49	100	410	ug/Kg
87-86-5	Pentachlorophenol	1100		110	100	410	ug/Kg
85-01-8	Phenanthrene	1100		55	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	1100		64	53.2	210	ug/Kg
120-12-7	Anthracene	1100		54	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		41	53.2	210	ug/Kg
86-74-8	Carbazole	1100		56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1300		53	53.2	210	ug/Kg
206-44-0	Fluoranthene	1200		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1MS	SDG No.:	BM100324
Lab Sample ID:	P4084-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047827.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		55	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	1400		40	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1200		49	53.2	210	ug/Kg
218-01-9	Chrysene	1100		56	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		55	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		43	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		53	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1100		53	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		46	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		46	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		44	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		46	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.674		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.968	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	18.914		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.101		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.536		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.798		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	23.242		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.175		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.436		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.257		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.465		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	22.851		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.789		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	22.913		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1MS	SDG No.:	BM100324
Lab Sample ID:	P4084-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047827.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.265		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	22.091		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	24.378		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.507		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	313958	7.804				
1146-65-2	Naphthalene-d8	1279584	10.598				
15067-26-2	Acenaphthene-d10	793262	14.439				
1517-22-2	Phenanthrene-d10	1550554	17.174				
1719-03-5	Chrysene-d12	1408362	21.397				
1520-96-3	Perylene-d12	1570055	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1MSD	SDG No.:	BM100324
Lab Sample ID:	P4084-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047828.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	370		16	8.3	83	ug/Kg
100-52-7	Benzaldehyde	1100		94	100	410	ug/Kg
110-86-1	Pyridine	910		54	210	410	ug/Kg
108-95-2	Phenol	1100		44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		43	100	410	ug/Kg
95-57-8	2-Chlorophenol	1200		35	53.2	210	ug/Kg
95-48-7	2-Methylphenol	1200		38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		34	100	410	ug/Kg
98-86-2	Acetophenone	1100		48	100	410	ug/Kg
106-44-5	4-Methylphenol	1200		40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		36	53.2	210	ug/Kg
67-72-1	Hexachloroethane	1100		29	53.2	210	ug/Kg
98-95-3	Nitrobenzene	1100		45	53.2	210	ug/Kg
78-59-1	Isophorone	1200		43	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	1400		40	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		35	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		48	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		49	53.2	210	ug/Kg
91-20-3	Naphthalene	1200		43	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	980		54	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	1200		43	53.2	210	ug/Kg
105-60-2	Caprolactam	1400		150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		35	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		51	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		46	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		54	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		53	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1MSD	SDG No.:	BM100324
Lab Sample ID:	P4084-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047828.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		60	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	1200		56	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	1200		28	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	1300		53	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		26	53.2	210	ug/Kg
208-96-8	Acenaphthylene	1300		54	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	1300		25	100	410	ug/Kg
83-32-9	Acenaphthene	1200		51	53.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1200		51	100	410	ug/Kg
132-64-9	Dibenzofuran	1300		58	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		34	53.2	210	ug/Kg
84-66-2	Diethylphthalate	1300		75	53.2	210	ug/Kg
86-73-7	Fluorene	1200		56	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		59	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	1500		53	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		53	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		64	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		56	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	1300		63	53.2	210	ug/Kg
1912-24-9	Atrazine	1100		49	100	410	ug/Kg
87-86-5	Pentachlorophenol	1300		110	100	410	ug/Kg
85-01-8	Phenanthrene	1200		55	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	1200		64	53.2	210	ug/Kg
120-12-7	Anthracene	1200		54	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		41	53.2	210	ug/Kg
86-74-8	Carbazole	1300		56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1400		53	53.2	210	ug/Kg
206-44-0	Fluoranthene	1300		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1MSD	SDG No.:	BM100324
Lab Sample ID:	P4084-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047828.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		55	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	1600		40	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1300		49	53.2	210	ug/Kg
218-01-9	Chrysene	1300		56	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		55	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		43	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		53	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		56	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		53	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		46	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		46	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		44	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		46	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.956		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	1.082	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	21.051		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.871		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.808		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	22.949		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	25.446		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.794		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.583		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.714		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.043		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	25.617		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.649		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	25.606		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM1MSD	SDG No.:	BM100324
Lab Sample ID:	P4084-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047828.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.691		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	24.697		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	26.627		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.347		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	303487	7.804				
1146-65-2	Naphthalene-d8	1244652	10.592				
15067-26-2	Acenaphthene-d10	762418	14.439				
1517-22-2	Phenanthrene-d10	1524061	17.174				
1719-03-5	Chrysene-d12	1440581	21.397				
1520-96-3	Perylene-d12	1639969	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM0	SDG No.:	BM100324
Lab Sample ID:	P4084-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047829.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

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	99.8	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.4	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.8	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.8	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.4	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.4	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.4	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.4	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.4	210	ug/Kg
105-60-2	Caprolactam	150	U	150	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM0	SDG No.:	BM100324
Lab Sample ID:	P4084-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047829.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.4	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.8	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	99.8	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.4	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.4	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.4	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.8	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.4	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.4	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.4	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM0	SDG No.:	BM100324
Lab Sample ID:	P4084-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047829.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.4	210	ug/Kg
218-01-9	Chrysene	54	U	54	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.381		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	7.238	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	13.465		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.217		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.467		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	13.67		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	16.164		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.673		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.239		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.468		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.074		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.328		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.641		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	18.122		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM0	SDG No.:	BM100324
Lab Sample ID:	P4084-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047829.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.483		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	17.731		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	19.215		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.427		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	263260	7.804				
1146-65-2	Naphthalene-d8	1057650	10.592				
15067-26-2	Acenaphthene-d10	656649	14.433				
1517-22-2	Phenanthrene-d10	1314380	17.174				
1719-03-5	Chrysene-d12	1218971	21.397				
1520-96-3	Perylene-d12	1420729	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.786	
000057-10-3	n-Hexadecanoic acid	110	J			18.068	
	(DEL) Alkane: Straight-Chain	21.074	J			21.074	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM5	SDG No.:	BM100324
Lab Sample ID:	P4084-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BM047830.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.4	85	ug/Kg
100-52-7	Benzaldehyde	96	U	96	110	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
108-95-2	Phenol	45	U	45	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.2	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	110	420	ug/Kg
98-86-2	Acetophenone	48	U	48	110	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	54.2	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	54.2	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.2	220	ug/Kg
78-59-1	Isophorone	43	U	43	54.2	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	54.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.2	220	ug/Kg
91-20-3	Naphthalene	43	U	43	54.2	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.2	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	54.2	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	54.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM5	SDG No.:	BM100324
Lab Sample ID:	P4084-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BM047830.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	54.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	54.2	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.2	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.2	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.2	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	54.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	110	420	ug/Kg
132-64-9	Dibenzofuran	59	U	59	54.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	54.2	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.2	220	ug/Kg
86-73-7	Fluorene	57	U	57	54.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.2	220	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	54.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	54.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	54.2	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.2	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	54.2	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	54.2	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.2	220	ug/Kg
86-74-8	Carbazole	57	U	57	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.2	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM5	SDG No.:	BM100324
Lab Sample ID:	P4084-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BM047830.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	54.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.2	220	ug/Kg
218-01-9	Chrysene	57	U	57	54.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	54.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	54.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	54.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	54.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	54.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	54.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.526		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	3.935	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	14.079		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.998		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.096		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.359		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.027		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.97		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.152		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.866		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.709		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.636		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.568		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	19.497		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DCYM5	SDG No.:	BM100324
Lab Sample ID:	P4084-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BM047830.D	1	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.326		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	19.194		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.648		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.065		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	299083	7.804				
1146-65-2	Naphthalene-d8	1202966	10.592				
15067-26-2	Acenaphthene-d10	745507	14.433				
1517-22-2	Phenanthrene-d10	1504458	17.174				
1719-03-5	Chrysene-d12	1416692	21.397				
1520-96-3	Perylene-d12	1683254	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.792	
000057-10-3	n-Hexadecanoic acid	110	J			18.068	
074339-54-1	Trichloroacetic acid, hexadecyl es	140	J			21.074	
E966796	Total Alkanes	61	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:	SBLK456	SDG No.:	BM100324
Lab Sample ID:	PB163456BL	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
BM047832.D	1	9/17/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163456

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456	SDG No.:	BM100324
Lab Sample ID:	PB163456BL	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
BM047832.D	1	9/17/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163456

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456	SDG No.:	BM100324
Lab Sample ID:	PB163456BL	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
BM047832.D	1	9/17/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163456

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	4.904		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	22.767		20-120		57	SPK: -40
4165-62-2	Phenol-d5	24.951		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.25		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.501		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.951		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	29.056		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.357		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.29		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.896		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.203		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.947		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.966		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.777		20-140		72	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:	SBLK456	SDG No.:	BM100324
Lab Sample ID:	PB163456BL	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
BM047832.D	1	9/17/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.767		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	28.167		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	30.057		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.698		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	307897	7.798				
1146-65-2	Naphthalene-d8	1252852	10.592				
15067-26-2	Acenaphthene-d10	777549	14.433				
1517-22-2	Phenanthrene-d10	1566871	17.174				
1719-03-5	Chrysene-d12	1488348	21.398				
1520-96-3	Perylene-d12	1750682	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047833.D	30	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	480	U	480	240	2500	ug/Kg
100-52-7	Benzaldehyde	2800	U	2800	3000	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6100	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1600	6300	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	3000	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1600	6300	ug/Kg
67-72-1	Hexachloroethane	850	U	850	1600	6300	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1600	6300	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6300	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1600	6300	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1600	6300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1600	6300	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1600	6300	ug/Kg
91-20-3	Naphthalene	1300	U	1300	1600	6300	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6300	ug/Kg
105-60-2	Caprolactam	4400	U	4400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1600	6300	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1600	6300	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	1600	6300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1600	6300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1600	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047833.D	30	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800	U	1800	1600	6300	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	1600	6300	ug/Kg
88-74-4	2-Nitroaniline	810	U	810	1600	6300	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1600	6300	ug/Kg
606-20-2	2,6-Dinitrotoluene	770	U	770	1600	6300	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1600	6300	ug/Kg
99-09-2	3-Nitroaniline	740	U	740	3000	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1600	6300	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	U	4400	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3000	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1600	6300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1600	6300	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1600	6300	ug/Kg
86-73-7	Fluorene	1700	U	1700	1600	6300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1600	6300	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	590	U	590	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1600	6300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1600	6300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700	U	1700	1600	6300	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1600	6300	ug/Kg
1912-24-9	Atrazine	1400	U	1400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	230000	ED	3200	3000	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1600	6300	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1600	6300	ug/Kg
120-12-7	Anthracene	1600	U	1600	1600	6300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1600	6300	ug/Kg
86-74-8	Carbazole	1700	U	1700	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1600	6300	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3000	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047833.D	30	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1600	6300	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1600	6300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850	U	850	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1600	6300	ug/Kg
218-01-9	Chrysene	1700	U	1700	1600	6300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1600	6300	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	U	1500	1600	6300	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1600	6300	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1600	6300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1600	6300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	1600	6300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1600	6300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2500	JD	1400	1600	6300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.72		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.79		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.51		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	13.77		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	16.83		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.29		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.59		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.55		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.21		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	24.03		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	27.03		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9DL	SDG No.:	BM100324
Lab Sample ID:	P4020-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047833.D	30	9/23/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	25.59		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.82		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.18		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190586	7.804				
1146-65-2	Naphthalene-d8	780956	10.592				
15067-26-2	Acenaphthene-d10	499671	14.433				
1517-22-2	Phenanthrene-d10	1078804	17.174				
1719-03-5	Chrysene-d12	1006663	21.397				
1520-96-3	Perylene-d12	1156575	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1800	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	DDCK4DL							
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Cyclic12.063	*	1,400.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Cyclic6.087	*	1,500.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Cyclic6.452	*	2,200.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Cyclic8.099	*	2,400.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain12.0	*	2,600.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain12.5	*	1,900.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain13.2	*	7,100.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain14.5	*	1,700.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain15.2	*	7,500.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain15.6	*	3,400.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain16.1	*	6,100.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain16.4	*	1,200.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain16.5	*	4,500.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain16.5	*	3,300.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain17.6	*	4,100.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain18.3	*	3,000.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain19.0	*	2,200.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain20.1	*	1,600.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain20.6	*	980.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain21.4	*	1,000.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain22.1	*	1,500.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain5.82	*	7,800.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain6.36	*	2,400.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain6.71	*	1,700.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain6.76	*	1,500.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain6.80	*	3,600.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain6.86	*	4,100.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain7.42	*	26,000.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain7.72	*	2,100.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain7.95	*	1,800.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain8.35	*	2,100.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain8.57	*	4,100.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain9.04	*	21,000.000	JD		
P4020-02DL	DDCK4DL	Solid	(DEL) Alkane: Straight-Chain9.88	*	1,400.000	JD		
P4020-02DL	DDCK4DL	Solid	1(2H)-Naphthalenone, 3,4-dihydro	*	2,100.000	JD		
P4020-02DL	DDCK4DL	Solid	1-Hexanol, 2-ethyl-	*	6,700.000	JD		
P4020-02DL	DDCK4DL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	3,300.000	JD		

Hit Summary Sheet SW-846

SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-02DL	DDCK4DL	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	4,500.000	JD		
P4020-02DL	DDCK4DL	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	1,600.000	JD		
P4020-02DL	DDCK4DL	Solid	9-Methyl-S-octahydroanthracene	*	3,900.000	JD		
P4020-02DL	DDCK4DL	Solid	Benzene, 1,2,3-trimethyl-	*	2,400.000	JD		
P4020-02DL	DDCK4DL	Solid	Benzene, 1,2-diethyl-	*	3,600.000	JD		
P4020-02DL	DDCK4DL	Solid	Benzene, 1-(2-butenyl)-2,3-dimetl	*	1,800.000	JD		
P4020-02DL	DDCK4DL	Solid	Benzene, 1-ethyl-2-methyl-	*	2,900.000	JD		
P4020-02DL	DDCK4DL	Solid	Benzene, 1-ethyl-4-methyl-	*	2,500.000	JD		
P4020-02DL	DDCK4DL	Solid	Benzene, 1-methyl-3-propyl-	*	4,300.000	JD		
P4020-02DL	DDCK4DL	Solid	Benzene, 1-methyl-4-propyl-	*	3,100.000	JD		
P4020-02DL	DDCK4DL	Solid	Carbonic acid, octadecyl prop-1-e	*	3,300.000	JD		
P4020-02DL	DDCK4DL	Solid	Cyclohexanol, 1-methyl-	*	1,700.000	JD		
P4020-02DL	DDCK4DL	Solid	Hexadecanoic acid, methyl ester	*	2,200.000	JD		
P4020-02DL	DDCK4DL	Solid	Hexylene glycol	*	2,700.000	JD		
P4020-02DL	DDCK4DL	Solid	Mesitylene	*	2,200.000	JD		
P4020-02DL	DDCK4DL	Solid	Naphthalene, 1,4-dimethyl-	*	2,500.000	JD		
P4020-02DL	DDCK4DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	1,800.000	JD		
P4020-02DL	DDCK4DL	Solid	Naphthalene, 2,7-dimethyl-	*	3,100.000	JD		
P4020-02DL	DDCK4DL	Solid	o-Cymene	*	2,600.000	JD		
P4020-02DL	DDCK4DL	Solid	Oxalic acid, decyl 2-ethylhexyl es	*	2,300.000	JD		
P4020-02DL	DDCK4DL	Solid	Sulfurous acid, decyl 2-ethylhexyl	*	13,000.000	JD		
P4020-02DL	DDCK4DL	Solid	unknown-01	*	2,600.000	JD		
P4020-02DL	DDCK4DL	Solid	unknown-02	*	4,800.000	JD		
P4020-02DL	DDCK4DL	Solid	unknown-03	*	1,600.000	JD		
P4020-02DL	DDCK4DL	Solid	unknown-04	*	2,000.000	JD		
P4020-02DL	DDCK4DL	Solid	unknown-05	*	1,400.000	JD		
P4020-02DL	DDCK4DL	Solid	unknown-06	*	2,500.000	JD		
P4020-02DL	DDCK4DL	Solid	Total Alkanes	*	140,000.000	D 580	2000	ug/Kg
Total Tics :					375,780.00			
P4020-02DL	DDCK4DL	Solid	1-Methylnaphthalene		1,600.000	JD 490	2000	ug/Kg
P4020-02DL	DDCK4DL	Solid	2,3,4,6-Tetrachlorophenol		13,000.000	D 450	2000	ug/Kg
P4020-02DL	DDCK4DL	Solid	2-Methylnaphthalene		2,800.000	D 450	2000	ug/Kg
P4020-02DL	DDCK4DL	Solid	Naphthalene		1,100.000	JD 410	2000	ug/Kg
P4020-02DL	DDCK4DL	Solid	Pentachlorophenol		160,000.000	ED 1000	4000	ug/Kg
Total Svoc :					178,500.00			
Total Concentration:					554,280.00			
Client ID : DDCK4DL2								
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Cyclic6.451	*	4,000.000	JD		
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Cyclic8.098	*	3,700.000	JD		
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain11.6	*	3,600.000	JD		

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SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain12.6 *	5,700.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain13.2 *	8,100.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain13.9 *	3,800.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain15.2 *	8,600.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain15.6 *	3,800.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain16.1 *	6,600.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain16.9 *	5,200.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain16.9 *	3,700.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain17.6 *	4,300.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain18.3 *	3,100.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain5.82 *	12,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain6.25 *	3,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain6.36 *	3,800.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain6.71 *	2,800.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain6.86 *	5,700.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain6.86 *	6,500.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain6.96 *	11,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain7.42 *	41,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain7.95 *	2,800.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain8.32 *	8,400.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain8.35 *	3,800.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain8.46 *	8,500.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain8.57 *	6,500.000	JD			
P4020-02DL2	DDCK4DL2	Solid	(DEL) Alkane: Straight-Chain9.02 *	32,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	1-Hexanol, 2-ethyl-	10,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	1H-Pyrazole, 5-(t-butyl)-3-phenyl	4,600.000	JD			
P4020-02DL2	DDCK4DL2	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	7,200.000	JD			
P4020-02DL2	DDCK4DL2	Solid	2-Heptanone, 4,6-dimethyl-	4,100.000	JD			
P4020-02DL2	DDCK4DL2	Solid	4-Nonanone, 2,6,8-trimethyl-	3,500.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 1,2,3-trimethyl-	3,900.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 1,3-diethyl-	3,400.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 1,4-diethyl-	4,900.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 1-(2-butenyl)-2,3-dimethyl-	3,900.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 1-ethyl-2-methyl-	4,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 1-ethyl-3-methyl-	4,700.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 1-methyl-2-propyl-	4,400.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 2-ethyl-1,4-dimethyl-	3,100.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Benzene, 4-ethyl-1,2-dimethyl-	8,500.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Carbonic acid, neopentyl 2-ethyl-	3,300.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Cyclohexanone, 3,3,5-trimethyl-	3,000.000	JD			

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SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-02DL2	DDCK4DL2	Solid	D-Limonene	* 3,200.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Hexylene glycol	* 4,700.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Mesitylene	* 3,600.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Naphthalene, 1,3-dimethyl-	* 2,900.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Naphthalene, 1,7-dimethyl-	* 3,700.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Naphthalene, 2,3,6-trimethyl-	* 5,300.000	JD			
P4020-02DL2	DDCK4DL2	Solid	o-Cymene	* 4,100.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Oxalic acid, 2-ethylhexyl hexyl es	* 3,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Sulfurous acid, decyl 2-ethylhexyl	* 14,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	unknown-01	* 3,500.000	JD			
P4020-02DL2	DDCK4DL2	Solid	unknown-02	* 8,100.000	JD			
P4020-02DL2	DDCK4DL2	Solid	unknown-03	* 3,600.000	JD			
P4020-02DL2	DDCK4DL2	Solid	unknown-04	* 3,100.000	JD			
P4020-02DL2	DDCK4DL2	Solid	unknown-05	* 3,000.000	JD			
P4020-02DL2	DDCK4DL2	Solid	Total Alkanes	* 210,000.000	D 1700		6100	ug/Kg
Total Tics :				564,300.00				
P4020-02DL2	DDCK4DL2	Solid	1-Methylnaphthalene	1,700.000	JD 1500		6100	ug/Kg
P4020-02DL2	DDCK4DL2	Solid	2,3,4,6-Tetrachlorophenol	14,000.000	D 1300		6100	ug/Kg
P4020-02DL2	DDCK4DL2	Solid	2-Methylnaphthalene	3,000.000	JD 1300		6100	ug/Kg
P4020-02DL2	DDCK4DL2	Solid	Naphthalene	1,200.000	JD 1200		6100	ug/Kg
P4020-02DL2	DDCK4DL2	Solid	Pentachlorophenol	190,000.000	D 3100		12000	ug/Kg
Total Svoc :				209,900.00				
Total Concentration:				774,200.00				
Client ID : DDCD9DL								
P4020-03DL	DDCD9DL	Solid	(DEL) Alkane: Straight-Chain7.4:	* 2,400.000	JD			
P4020-03DL	DDCD9DL	Solid	(DEL) Alkane: Straight-Chain9.0:	* 2,500.000	JD			
P4020-03DL	DDCD9DL	Solid	1-Hexanol, 2-ethyl-	* 1,600.000	JD			
P4020-03DL	DDCD9DL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	* 1,100.000	JD			
P4020-03DL	DDCD9DL	Solid	2,7-Dimethyloctan-4-one	* 1,200.000	JD			
P4020-03DL	DDCD9DL	Solid	Carbonic acid, 2-ethylhexyl nonyl	* 950.000	JD			
P4020-03DL	DDCD9DL	Solid	unknown-01	* 860.000	JD			
P4020-03DL	DDCD9DL	Solid	Total Alkanes	* 4,900.000	D 580		2100	ug/Kg
Total Tics :				15,510.00				
P4020-03DL	DDCD9DL	Solid	2,3,4,6-Tetrachlorophenol	6,300.000	D 450		2100	ug/Kg
P4020-03DL	DDCD9DL	Solid	Pentachlorophenol	99,000.000	ED 1100		4000	ug/Kg
Total Svoc :				105,300.00				
Total Concentration:				120,810.00				
Client ID : DDCD9DL2								
P4020-03DL2	DDCD9DL2	Solid	Heptyl isobutyl ketone	* 2,500.000	JD			
P4020-03DL2	DDCD9DL2	Solid	Total Alkanes	* 0.000	D 1700		6200	ug/Kg

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SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				2,500.00				
P4020-03DL2	DDCD9DL2	Solid	2,3,4,6-Tetrachlorophenol	5,200.000	JD	1300	6200	ug/Kg
P4020-03DL2	DDCD9DL2	Solid	Pentachlorophenol	93,000.000	D	3200	12000	ug/Kg
Total Svoc :				98,200.00				
Total Concentration:				100,700.00				
Client ID : DDCK6DL								
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain12.0 *	2,200.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain13.2 *	2,600.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain15.2 *	3,400.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain16.1 *	2,700.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain16.5 *	2,400.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain16.5 *	1,600.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain17.6 *	1,800.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain5.82 *	4,000.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain6.80 *	2,100.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain6.85 *	2,500.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain6.90 *	4,400.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain7.40 *	15,000.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain8.40 *	1,600.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain8.50 *	2,500.000	JD			
P4020-04DL	DDCK6DL	Solid	(DEL) Alkane: Straight-Chain9.00 *	12,000.000	JD			
P4020-04DL	DDCK6DL	Solid	1,3,8-p-Menthatriene *	1,900.000	JD			
P4020-04DL	DDCK6DL	Solid	1-Hexanol, 2-ethyl- *	7,100.000	JD			
P4020-04DL	DDCK6DL	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4- *	2,900.000	JD			
P4020-04DL	DDCK6DL	Solid	4-Nonanone, 2,6,8-trimethyl- *	1,700.000	JD			
P4020-04DL	DDCK6DL	Solid	Benzene, 1,3,5-trimethyl-2-(1-met *	2,200.000	JD			
P4020-04DL	DDCK6DL	Solid	Benzene, 1-ethyl-2-methyl- *	1,800.000	JD			
P4020-04DL	DDCK6DL	Solid	Benzene, 1-methyl-3-propyl- *	2,600.000	JD			
P4020-04DL	DDCK6DL	Solid	Benzene, 1-methyl-4-propyl- *	1,700.000	JD			
P4020-04DL	DDCK6DL	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	2,900.000	JD			
P4020-04DL	DDCK6DL	Solid	Cyclopropane, 1-methoxy-2,2-dim *	2,300.000	JD			
P4020-04DL	DDCK6DL	Solid	Mesitylene *	1,700.000	JD			
P4020-04DL	DDCK6DL	Solid	o-Cymene *	1,700.000	JD			
P4020-04DL	DDCK6DL	Solid	Oxalic acid, bis(2-ethylhexyl) est *	9,500.000	JD			
P4020-04DL	DDCK6DL	Solid	unknown-01 *	2,800.000	JD			
P4020-04DL	DDCK6DL	Solid	unknown-02 *	2,700.000	JD			
P4020-04DL	DDCK6DL	Solid	Total Alkanes *	61,000.000	D	1200	4100	ug/Kg
Total Tics :				167,300.00				
P4020-04DL	DDCK6DL	Solid	2,3,4,6-Tetrachlorophenol	13,000.000	D	890	4100	ug/Kg
P4020-04DL	DDCK6DL	Solid	2-Methylnaphthalene	1,300.000	JD	890	4100	ug/Kg

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SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-04DL	DDCK6DL	Solid	Pentachlorophenol	150,000.000	ED	2100	7900	ug/Kg
Total Svoc :				164,300.00				
Total Concentration:				331,600.00				
Client ID : DDCF9DL								
P4020-05DL	DDCF9DL	Solid	Total Alkanes	*	0.000	D 1800	6300	ug/Kg
P4020-05DL	DDCF9DL	Solid	Total Alkanes	*	0.000	D 1800	6300	ug/Kg
Total Tics :				0.00				
P4020-05DL	DDCF9DL	Solid	2,3,4,6-Tetrachlorophenol	3,800.000	JD	1400	6300	ug/Kg
P4020-05DL	DDCF9DL	Solid	Pentachlorophenol	340,000.000	ED	3200	12000	ug/Kg
P4020-05DL	DDCF9DL	Solid	2,3,4,6-Tetrachlorophenol	2,500.000	JD	1400	6300	ug/Kg
P4020-05DL	DDCF9DL	Solid	Pentachlorophenol	230,000.000	ED	3200	12000	ug/Kg
Total Svoc :				576,300.00				
Total Concentration:				576,300.00				
Client ID : DDCK1DL								
P4020-10DL	DDCK1DL	Solid	Total Alkanes	*	0.000	D 1800	6300	ug/Kg
Total Tics :				0.00				
P4020-10DL	DDCK1DL	Solid	Pentachlorophenol	130,000.000	D	3200	12000	ug/Kg
Total Svoc :				130,000.00				
Total Concentration:				130,000.00				
Client ID : DDCK2DL								
P4020-11DL	DDCK2DL	Solid	Sulfurous acid, 2-ethylhexyl octad	*	1,500.000	JD		
P4020-11DL	DDCK2DL	Solid	Total Alkanes	*	0.000	D 550	2000	ug/Kg
Total Tics :				1,500.00				
P4020-11DL	DDCK2DL	Solid	2,3,4,6-Tetrachlorophenol	560.000	JD	430	2000	ug/Kg
P4020-11DL	DDCK2DL	Solid	Pentachlorophenol	23,000.000	D	1000	3800	ug/Kg
Total Svoc :				23,560.00				
Total Concentration:				25,060.00				
Client ID : DDCK8DL								
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain12.0	*	1,800.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain13.2	*	2,300.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain15.2	*	2,700.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain16.1	*	2,300.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain16.9	*	2,000.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain5.82	*	3,000.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain6.80	*	1,700.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain6.84	*	2,000.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain6.90	*	3,600.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain7.42	*	13,000.000	JD		
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain8.34	*	2,300.000	JD		

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SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain8.5'	* 2,400.000	JD			
P4020-12DL	DDCK8DL	Solid	(DEL) Alkane: Straight-Chain9.0'	* 11,000.000	JD			
P4020-12DL	DDCK8DL	Solid	1-Hexanol, 2-ethyl-	* 4,700.000	JD			
P4020-12DL	DDCK8DL	Solid	4-Nonanone, 2,6,8-trimethyl-	* 1,900.000	JD			
P4020-12DL	DDCK8DL	Solid	Benzene, 1-methyl-3-propyl-	* 1,700.000	JD			
P4020-12DL	DDCK8DL	Solid	Benzene, 4-ethyl-1,2-dimethyl-	* 3,500.000	JD			
P4020-12DL	DDCK8DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	* 2,900.000	JD			
P4020-12DL	DDCK8DL	Solid	p-Cymene	* 1,900.000	JD			
P4020-12DL	DDCK8DL	Solid	Sulfurous acid, decyl 2-ethylhexyl	* 4,200.000	JD			
P4020-12DL	DDCK8DL	Solid	unknown-01	* 2,500.000	JD			
P4020-12DL	DDCK8DL	Solid	unknown-02	* 2,000.000	JD			
P4020-12DL	DDCK8DL	Solid	Total Alkanes	* 50,000.000	D 1200		4100	ug/Kg
Total Tics :				125,400.00				
P4020-12DL	DDCK8DL	Solid	2,3,4,6-Tetrachlorophenol	7,600.000	D 890		4100	ug/Kg
P4020-12DL	DDCK8DL	Solid	Pentachlorophenol	97,000.000	D 2100		7900	ug/Kg
Total Svoc :				104,600.00				
Total Concentration:				230,000.00				
Client ID : DDCK9DL								
P4020-13DL	DDCK9DL	Solid	Total Alkanes	* 0.000	D 610		2100	ug/Kg
Total Tics :				0.00				
P4020-13DL	DDCK9DL	Solid	1,1-Biphenyl	3,200.000	D 610		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	1-Methylnaphthalene	27,000.000	D 520		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	2,3,4,6-Tetrachlorophenol	810,000.000	ED 470		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	2-Methylnaphthalene	44,000.000	ED 470		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	Acenaphthene	1,800.000	JD 520		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	Di-n-butylphthalate	980.000	JD 530		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	Fluoranthene	610.000	JD 560		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	Fluorene	2,800.000	D 570		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	Isophorone	5,500.000	D 430		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	Naphthalene	17,000.000	D 430		2100	ug/Kg
P4020-13DL	DDCK9DL	Solid	Pentachlorophenol	8,200,000.000	ED 1100		4200	ug/Kg
P4020-13DL	DDCK9DL	Solid	Phenanthrene	8,800.000	D 560		2100	ug/Kg
Total Svoc :				9,121,690.00				
Total Concentration:				9,121,690.00				
Client ID : DDCK9DL2								
P4020-13DL2	DDCK9DL2	Solid	(DEL) Alkane: Straight-Chain14.3'	* 12,000.000	JD			
P4020-13DL2	DDCK9DL2	Solid	(DEL) Alkane: Straight-Chain15.2'	* 2,800.000	JD			
P4020-13DL2	DDCK9DL2	Solid	(DEL) Alkane: Straight-Chain5.8'	* 2,900.000	JD			
P4020-13DL2	DDCK9DL2	Solid	(DEL) Alkane: Straight-Chain6.9'	* 3,800.000	JD			
P4020-13DL2	DDCK9DL2	Solid	(DEL) Alkane: Straight-Chain7.4'	* 11,000.000	JD			

Hit Summary Sheet SW-846

SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-13DL2	DDCK9DL2	Solid	(DEL) Alkane: Straight-Chain9.0:	* 9,700.000	JD			
P4020-13DL2	DDCK9DL2	Solid	1-Hexanol, 2-ethyl-	* 4,900.000	JD			
P4020-13DL2	DDCK9DL2	Solid	Total Alkanes	* 42,000.000	D 1800		6400	ug/Kg
Total Tics :				89,100.00				
P4020-13DL2	DDCK9DL2	Solid	2,3,4,6-Tetrachlorophenol	14,000.000	D 1400		6400	ug/Kg
P4020-13DL2	DDCK9DL2	Solid	Pentachlorophenol	140,000.000	D 3300		13000	ug/Kg
Total Svoc :				154,000.00				
Total Concentration:				243,100.00				
Client ID : DDCL0DL								
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Cyclic6.451	* 2,500.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain12.0:	* 3,000.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain13.2:	* 3,500.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain15.2:	* 4,200.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain16.1:	* 3,100.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain16.5:	* 2,900.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain5.8:	* 5,200.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain6.8:	* 2,600.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain6.8:	* 3,200.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain6.9:	* 6,000.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain7.4:	* 19,000.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain8.3:	* 3,300.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain8.4:	* 6,000.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain8.5:	* 3,500.000	JD			
P4020-14DL	DDCL0DL	Solid	(DEL) Alkane: Straight-Chain9.0:	* 17,000.000	JD			
P4020-14DL	DDCL0DL	Solid	1-Hexanol, 2-ethyl-	* 8,000.000	JD			
P4020-14DL	DDCL0DL	Solid	2-Heptanone, 4,6-dimethyl-	* 2,700.000	JD			
P4020-14DL	DDCL0DL	Solid	Benzene, 4-ethyl-1,2-dimethyl-	* 3,600.000	JD			
P4020-14DL	DDCL0DL	Solid	Heptyl isobutyl ketone	* 2,700.000	JD			
P4020-14DL	DDCL0DL	Solid	Sulfurous acid, 2-ethylhexyl hepta	* 12,000.000	JD			
P4020-14DL	DDCL0DL	Solid	unknown-01	* 4,000.000	JD			
P4020-14DL	DDCL0DL	Solid	unknown-02	* 3,700.000	JD			
P4020-14DL	DDCL0DL	Solid	Total Alkanes	* 85,000.000	D 1700		6200	ug/Kg
Total Tics :				206,700.00				
P4020-14DL	DDCL0DL	Solid	2,3,4,6-Tetrachlorophenol	20,000.000	D 1300		6200	ug/Kg
P4020-14DL	DDCL0DL	Solid	Pentachlorophenol	220,000.000	ED 3200		12000	ug/Kg
Total Svoc :				240,000.00				
Total Concentration:				446,700.00				
Client ID : DCYL8								
P4084-01	DCYL8	Solid	(DEL) Alkane: Cyclic21.074	* 220.000	J			
P4084-01	DCYL8	Solid	(DEL) Alkane: Straight-Chain22.1:	* 2,900.000	J			

Hit Summary Sheet SW-846

SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4084-01	DCYL8	Solid	.gamma.-Sitosterol	*	1,400.000	J		
P4084-01	DCYL8	Solid	1-Heneicosanol	*	1,400.000	J		
P4084-01	DCYL8	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	1,200.000	J		
P4084-01	DCYL8	Solid	4b,8-Dimethyl-2-isopropylphenan	*	490.000	J		
P4084-01	DCYL8	Solid	4H-Cyclopenta[def]phenanthrene	*	390.000	J		
P4084-01	DCYL8	Solid	9H-Fluoren-9-one	*	91.000	J		
P4084-01	DCYL8	Solid	Aceto phenone	*	120.000	J		
P4084-01	DCYL8	Solid	Benzophenone	*	120.000	J		
P4084-01	DCYL8	Solid	Carba zole	*	120.000	J		
P4084-01	DCYL8	Solid	Dibenzo furan	*	220.000	J		
P4084-01	DCYL8	Solid	n-Hexadecanoic acid	*	340.000	J		
P4084-01	DCYL8	Solid	Naphtho[2,1-b]thiophene	*	95.000	J		
P4084-01	DCYL8	Solid	Tetracosanoic acid	*	420.000	J		
P4084-01	DCYL8	Solid	Total Alkanes	*	3,100.000		63	220 ug/Kg
Total Tics :					12,626.00			
P4084-01	DCYL8	Solid	2-Methylnaphthalene		79.000	J	49	220 ug/Kg
P4084-01	DCYL8	Solid	Acenaphthene		85.000	J	54	220 ug/Kg
P4084-01	DCYL8	Solid	Anthracene		340.000		57	220 ug/Kg
P4084-01	DCYL8	Solid	Benzo(a)anthracene		150.000	J	51	220 ug/Kg
P4084-01	DCYL8	Solid	Benzo(b)fluoranthene		440.000		55	220 ug/Kg
P4084-01	DCYL8	Solid	Benzo(k)fluoranthene		130.000	J	59	220 ug/Kg
P4084-01	DCYL8	Solid	Chrysene		330.000		59	220 ug/Kg
P4084-01	DCYL8	Solid	Fluoranthene		680.000		58	220 ug/Kg
P4084-01	DCYL8	Solid	Fluorene		280.000		59	220 ug/Kg
P4084-01	DCYL8	Solid	Indeno(1,2,3-cd)pyrene		61.000	J	49	220 ug/Kg
P4084-01	DCYL8	Solid	Naphthalene		300.000		45	220 ug/Kg
P4084-01	DCYL8	Solid	Phenanthrene		1,200.000		58	220 ug/Kg
P4084-01	DCYL8	Solid	Pyrene		440.000		58	220 ug/Kg
Total Svoc :					4,515.00			
Total Concentration:					17,141.00			

Client ID : DCYL9

P4084-02	DCYL9	Solid	(DEL) Alkane: Straight-Chain21.(	*	210.000	J		
P4084-02	DCYL9	Solid	(DEL) Alkane: Straight-Chain22.1	*	3,400.000	J		
P4084-02	DCYL9	Solid	.gamma.-Sitosterol	*	1,800.000	J		
P4084-02	DCYL9	Solid	1-Heptacosanol	*	2,500.000	J		
P4084-02	DCYL9	Solid	1-Naphthalenepropanol, .alpha.-et	*	220.000	J		
P4084-02	DCYL9	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	1,500.000	J		
P4084-02	DCYL9	Solid	4b,8-Dimethyl-2-isopropylphenan	*	690.000	J		
P4084-02	DCYL9	Solid	4H-Cyclopenta[def]phenanthrene	*	250.000	J		
P4084-02	DCYL9	Solid	Aceto phenone	*	120.000	J		

Hit Summary Sheet SW-846

SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4084-02	DCYL9	Solid	Benzophenone	*	120.000	J		
P4084-02	DCYL9	Solid	Dehydroabietic acid	*	94.000	J		
P4084-02	DCYL9	Solid	Dibenzo furan	*	170.000	J		
P4084-02	DCYL9	Solid	n-Hexadecanoic acid	*	270.000	J		
P4084-02	DCYL9	Solid	Retene	*	130.000	J		
P4084-02	DCYL9	Solid	Silane, dimethyl(3-ethylphenoxy)(	*	120.000	J		
P4084-02	DCYL9	Solid	Stigmastane, 3-one, (5.alpha.)	*	690.000	J		
P4084-02	DCYL9	Solid	Tetracosanoic acid	*	340.000	J		
P4084-02	DCYL9	Solid	Total Alkanes	*	3,600.000	64	230	ug/Kg
Total Tics :					16,224.00			
P4084-02	DCYL9	Solid	2-Methylnaphthalene		76.000	J 50	230	ug/Kg
P4084-02	DCYL9	Solid	Acenaphthene		68.000	J 55	230	ug/Kg
P4084-02	DCYL9	Solid	Anthracene		160.000	J 58	230	ug/Kg
P4084-02	DCYL9	Solid	Benzo(a)anthracene		150.000	J 52	230	ug/Kg
P4084-02	DCYL9	Solid	Benzo(b)fluoranthene		480.000	56	230	ug/Kg
P4084-02	DCYL9	Solid	Benzo(k)fluoranthene		150.000	J 60	230	ug/Kg
P4084-02	DCYL9	Solid	Chrysene		330.000	60	230	ug/Kg
P4084-02	DCYL9	Solid	Fluoranthene		450.000	59	230	ug/Kg
P4084-02	DCYL9	Solid	Fluorene		210.000	J 60	230	ug/Kg
P4084-02	DCYL9	Solid	Indeno(1,2,3-cd)pyrene		64.000	J 50	230	ug/Kg
P4084-02	DCYL9	Solid	Naphthalene		310.000	46	230	ug/Kg
P4084-02	DCYL9	Solid	Phenanthrene		610.000	59	230	ug/Kg
P4084-02	DCYL9	Solid	Pyrene		290.000	59	230	ug/Kg
Total Svoc :					3,348.00			
Total Concentration:					19,572.00			
Client ID : DCYM0								
P4084-03	DCYM0	Solid	(DEL) Alkane: Straight-Chain21.(	*	120.000	J		
P4084-03	DCYM0	Solid	Benzophenone	*	170.000	J		
P4084-03	DCYM0	Solid	n-Hexadecanoic acid	*	110.000	J		
P4084-03	DCYM0	Solid	Total Alkanes	*	120.000	58	210	ug/Kg
Total Tics :					520.00			
Total Concentration:					520.00			
Client ID : DCYM2								
P4084-04	DCYM2	Solid	Aceto phenone	*	77.000	J		
P4084-04	DCYM2	Solid	Benzophenone	*	80.000	J		
P4084-04	DCYM2	Solid	n-Hexadecanoic acid	*	83.000	J		
P4084-04	DCYM2	Solid	Pentadecafluorooctanoic acid, oct:	*	91.000	J		
P4084-04	DCYM2	Solid	Total Alkanes	*	0.000	54	190	ug/Kg
Total Tics :					331.00			
P4084-04	DCYM2	Solid	Anthracene		120.000	J 49	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4084-04	DCYM2	Solid	Benzo(a)anthracene	92.000	J	44	190	ug/Kg
P4084-04	DCYM2	Solid	Benzo(b)fluoranthene	260.000		48	190	ug/Kg
P4084-04	DCYM2	Solid	Benzo(k)fluoranthene	78.000	J	51	190	ug/Kg
P4084-04	DCYM2	Solid	Chrysene	190.000		51	190	ug/Kg
P4084-04	DCYM2	Solid	Fluoranthene	160.000	J	50	190	ug/Kg
P4084-04	DCYM2	Solid	Indeno(1,2,3-cd)pyrene	54.000	J	42	190	ug/Kg
P4084-04	DCYM2	Solid	Pyrene	110.000	J	50	190	ug/Kg

Total Svoc : 1,064.00

Total Concentration: 1,395.00

Client ID : DCYM5

P4084-05	DCYM5	Solid	Benzophenone	*	150.000	J		
P4084-05	DCYM5	Solid	n-Hexadecanoic acid	*	110.000	J		
P4084-05	DCYM5	Solid	Trichloroacetic acid, hexadecyl es	*	140.000	J		
P4084-05	DCYM5	Solid	Total Alkanes	*	0.000	61	220	ug/Kg

Total Tics : 400.00

Total Concentration: 400.00

Client ID : DCYN0

P4084-12	DCYN0	Solid	(DEL) Alkane: Cyclic21.074	*	110.000	J		
P4084-12	DCYN0	Solid	Benzo[e]pyrene	*	100.000	J		
P4084-12	DCYN0	Solid	Benzophenone	*	110.000	J		
P4084-12	DCYN0	Solid	Hexathiane	*	190.000	J		
P4084-12	DCYN0	Solid	n-Hexadecanoic acid	*	220.000	J		
P4084-12	DCYN0	Solid	Total Alkanes	*	110.000	58	200	ug/Kg

Total Tics : 840.00

P4084-12	DCYN0	Solid	Benzo(a)anthracene		76.000	J	47	200	ug/Kg
P4084-12	DCYN0	Solid	Benzo(a)pyrene		110.000	J	50	200	ug/Kg
P4084-12	DCYN0	Solid	Benzo(b)fluoranthene		300.000		50	200	ug/Kg
P4084-12	DCYN0	Solid	Benzo(g,h,i)perylene		78.000	J	42	200	ug/Kg
P4084-12	DCYN0	Solid	Benzo(k)fluoranthene		88.000	J	54	200	ug/Kg
P4084-12	DCYN0	Solid	Chrysene		180.000	J	54	200	ug/Kg
P4084-12	DCYN0	Solid	Fluoranthene		140.000	J	53	200	ug/Kg
P4084-12	DCYN0	Solid	Indeno(1,2,3-cd)pyrene		75.000	J	44	200	ug/Kg
P4084-12	DCYN0	Solid	Pyrene		110.000	J	53	200	ug/Kg

Total Svoc : 1,157.00

Total Concentration: 1,997.00

Client ID : DCYN1

P4084-13	DCYN1	Solid	1-Isopropenyl naphthalene	*	120.000	J		
P4084-13	DCYN1	Solid	10,18-Bisnorabieta-5,7,9(10),11,13	*	320.000	J		
P4084-13	DCYN1	Solid	11H-Benzo[a]fluorene	*	180.000	J		

Hit Summary Sheet
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SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4084-13	DCYN1	Solid	11H-Benzo[b]fluorene	*	190.000	J		
P4084-13	DCYN1	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	330.000	J		
P4084-13	DCYN1	Solid	4H-Cyclopenta[def]phenanthrene	*	850.000	J		
P4084-13	DCYN1	Solid	5H-Indeno[1,2-b]pyridine	*	370.000	J		
P4084-13	DCYN1	Solid	9H-Fluorene, 2-methyl-	*	190.000	J		
P4084-13	DCYN1	Solid	Anthracene, 2-methyl-	*	460.000	J		
P4084-13	DCYN1	Solid	Anthracene, 9-methyl-	*	120.000	J		
P4084-13	DCYN1	Solid	Biphenyl	*	200.000	J		
P4084-13	DCYN1	Solid	Dibenzo furan	*	1,100.000	J		
P4084-13	DCYN1	Solid	Dibenzofuran, 4-methyl-	*	360.000	J		
P4084-13	DCYN1	Solid	Dibenzothiophene	*	380.000	J		
P4084-13	DCYN1	Solid	Diphenylmethane	*	110.000	J		
P4084-13	DCYN1	Solid	Fluoranthene, 2-methyl-	*	83.000	J		
P4084-13	DCYN1	Solid	Naphthalene, 1,5-dimethyl-	*	190.000	J		
P4084-13	DCYN1	Solid	Naphthalene, 1-ethyl-	*	110.000	J		
P4084-13	DCYN1	Solid	Naphthalene, 1-phenyl-	*	83.000	J		
P4084-13	DCYN1	Solid	Naphthalene, 2,7-dimethyl-	*	190.000	J		
P4084-13	DCYN1	Solid	Naphthalene, 2-phenyl-	*	260.000	J		
P4084-13	DCYN1	Solid	Nordiphenamid	*	210.000	J		
P4084-13	DCYN1	Solid	Phenanthrene, 1-methyl-	*	150.000	J		
P4084-13	DCYN1	Solid	Phenanthrene, 2-methyl-	*	430.000	J		
P4084-13	DCYN1	Solid	Pyrene, 1-methyl-	*	93.000	J		
P4084-13	DCYN1	Solid	unknown-01	*	86.000	J		
P4084-13	DCYN1	Solid	unknown-02	*	100.000	J		
P4084-13	DCYN1	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :				7,265.00				
P4084-13	DCYN1	Solid	1-Methylnaphthalene		370.000	50	210	ug/Kg
P4084-13	DCYN1	Solid	2-Methylnaphthalene		720.000	45	210	ug/Kg
P4084-13	DCYN1	Solid	Acenaphthene		1,700.000	50	210	ug/Kg
P4084-13	DCYN1	Solid	Anthracene		890.000	52	210	ug/Kg
P4084-13	DCYN1	Solid	Benzo(a)anthracene		480.000	47	210	ug/Kg
P4084-13	DCYN1	Solid	Benzo(a)pyrene		130.000	J 51	210	ug/Kg
P4084-13	DCYN1	Solid	Benzo(b)fluoranthene		250.000	51	210	ug/Kg
P4084-13	DCYN1	Solid	Benzo(k)fluoranthene		76.000	J 54	210	ug/Kg
P4084-13	DCYN1	Solid	Chrysene		470.000	54	210	ug/Kg
P4084-13	DCYN1	Solid	Fluoranthene		3,200.000	53	210	ug/Kg
P4084-13	DCYN1	Solid	Fluorene		1,600.000	54	210	ug/Kg
P4084-13	DCYN1	Solid	Naphthalene		1,600.000	41	210	ug/Kg
P4084-13	DCYN1	Solid	Phenanthrene		4,500.000	E 53	210	ug/Kg
P4084-13	DCYN1	Solid	Pyrene		2,000.000	53	210	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM100324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	17,986.00				
			Total Concentration:	25,251.00				
Client ID : DCYN4								
P4084-16	DCYN4	Solid	(DEL) Alkane: Cyclic21.074	*	110.000	J		
P4084-16	DCYN4	Solid	Aceto phenone	*	97.000	J		
P4084-16	DCYN4	Solid	Benzophenone	*	110.000	J		
P4084-16	DCYN4	Solid	n-Hexadecanoic acid	*	160.000	J		
P4084-16	DCYN4	Solid	Total Alkanes	*	110.000	57	200	ug/Kg
			Total Tics :	587.00				
P4084-16	DCYN4	Solid	Anthracene		64.000	J 51	200	ug/Kg
P4084-16	DCYN4	Solid	Benzo(a)anthracene		110.000	J 46	200	ug/Kg
P4084-16	DCYN4	Solid	Benzo(b)fluoranthene		270.000	50	200	ug/Kg
P4084-16	DCYN4	Solid	Benzo(k)fluoranthene		100.000	J 53	200	ug/Kg
P4084-16	DCYN4	Solid	Chrysene		160.000	J 53	200	ug/Kg
P4084-16	DCYN4	Solid	Fluoranthene		170.000	J 52	200	ug/Kg
P4084-16	DCYN4	Solid	Indeno(1,2,3-cd)pyrene		45.000	J 44	200	ug/Kg
P4084-16	DCYN4	Solid	Pyrene		120.000	J 52	200	ug/Kg
			Total Svoc :	1,039.00				
			Total Concentration:	1,626.00				
Client ID : DCYM1								
P4084-17	DCYM1	Solid	(DEL) Alkane: Straight-Chain21.(	*	240.000	J		
P4084-17	DCYM1	Solid	Benzophenone	*	190.000	J		
P4084-17	DCYM1	Solid	n-Hexadecanoic acid	*	210.000	J		
P4084-17	DCYM1	Solid	Total Alkanes	*	240.000	60	210	ug/Kg
			Total Tics :	880.00				
			Total Concentration:	880.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092724

SAS No.: BM092724

SDG No.: BM092724

Instrument ID: _____

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

Calibration Time(s): 18:16 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020022 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 12:44

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	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	SBLK635	226251	7.80	854349	10.59	521430	14.44
02	DDCK1DL	216306	7.80	873944	10.60	566139	14.43
03	DDCK4DL	281451 *	7.81	1.21961e *	10.60	798570 *	14.44
04	DDCK4DL2	227747	7.80	963344	10.60	625781	14.44
05	DDCD9DL	209282	7.80	872955	10.60	558546	14.43
06	DDCD9DL2	209459	7.80	854407	10.60	545841	14.43
07	DDCK6DL	225783	7.80	945276	10.60	612353	14.44
08	DDCK8DL	221930	7.80	926471	10.59	600118	14.44
09	DDCF9DL	111601	7.80	445117	10.59	281561	14.43
10	DDCK9DL	5018 *	7.80	16252 *	10.59	11077 *	14.44
11	DDCK9DL2	228601	7.80	944160	10.59	615731	14.44
12	DDCL0DL	215100	7.80	902035	10.60	581276	14.44
13	DDCK2DL	238914	7.80	968627	10.59	616448	14.44
14	SBLK635	244133	7.80	944745	10.59	588415	14.43
15	DCYL8	247395	7.80	961866	10.59	567514	14.44
16	DCYL9	279349 *	7.80	1.1009e+	10.59	670212 *	14.43
17	DCYM2	277087	7.80	1.11343e *	10.59	686763 *	14.43
18	DCYN0	283282 *	7.80	1.12665e *	10.59	681905 *	14.43
19	DCYN1	287279 *	7.80	1.15333e *	10.59	719578 *	14.44
20	DCYN4	330179 *	7.80	1.34145e *	10.59	824184 *	14.43
21	DCYM1	280264 *	7.80	1.1049e+	10.59	676162 *	14.44
22	DCYM1MS	313958 *	7.80	1.27958e *	10.60	793262 *	14.44
23	DCYM1MSD	303487 *	7.80	1.24465e *	10.59	762418 *	14.44

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020022 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 05:09

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 DCYM0	263260	7.80	1.05765e	10.59	656649 *	14.43
25 DCYM5	299083 *	7.80	1.20297e *	10.59	745507 *	14.43
26 SBLK456	307897 *	7.80	1.25285e *	10.59	777549 *	14.43
27 DDCF9DL	190586	7.80	780956	10.59	499671	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.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020159 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047804.D Time Analyzed: 12:44

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	222870	7.804	880060	10.60	553743	14.44
UPPER LIMIT	445740	8.304	1760120	11.098	1107486	14.939
LOWER LIMIT	111435	7.304	440030	10.098	276871.5	13.939
EPA SAMPLE NO.						
01 SBLK635	226251	7.80	854349	10.59	521430	14.44
02 DDCK1DL	216306	7.80	873944	10.60	566139	14.43
03 DDCK4DL	281451	7.81	1.21961e	10.60	798570	14.44
04 DDCK4DL2	227747	7.80	963344	10.60	625781	14.44
05 DDCK9DL	209282	7.80	872955	10.60	558546	14.43
06 DDCK9DL2	209459	7.80	854407	10.60	545841	14.43
07 DDCK6DL	225783	7.80	945276	10.60	612353	14.44
08 DDCK8DL	221930	7.80	926471	10.59	600118	14.44
09 DDCK9DL	111601	7.80	445117	10.59	281561	14.43
10 DDCK9DL	5018 *	7.80	16252 *	10.59	11077 *	14.44
11 DDCK9DL2	228601	7.80	944160	10.59	615731	14.44
12 DDCK10DL	215100	7.80	902035	10.60	581276	14.44
13 DDCK2DL	238914	7.80	968627	10.59	616448	14.44

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 LOWER 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.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020160 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047818.D Time Analyzed: 22:36

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	239074	7.805	960154	10.59	589019	14.43
UPPER LIMIT	478148	8.305	1920308	11.093	1178038	14.934
LOWER LIMIT	119537	7.305	480077	10.093	294509.5	13.934
EPA SAMPLE NO.						
01 SBLK635	244133	7.80	944745	10.59	588415	14.43
02 DCYL8	247395	7.80	961866	10.59	567514	14.44
03 DCYL9	279349	7.80	1.1009e+	10.59	670212	14.43
04 DCYM2	277087	7.80	1.11343e	10.59	686763	14.43
05 DCYN0	283282	7.80	1.12665e	10.59	681905	14.43
06 DCYN1	287279	7.80	1.15333e	10.59	719578	14.44
07 DCYN4	330179	7.80	1.34145e	10.59	824184	14.43
08 DCYM1	280264	7.80	1.1049e+	10.59	676162	14.44
09 DCYM1MS	313958	7.80	1.27958e	10.60	793262	14.44
10 DCYM1MSD	303487	7.80	1.24465e	10.59	762418	14.44
11 DCYM0	263260	7.80	1.05765e	10.59	656649	14.43
12 DCYM5	299083	7.80	1.20297e	10.59	745507	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.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020161 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BM047831.D Time Analyzed: 07:46

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	273962	7.798	1.10208e+01	10.59	681129	14.43
UPPER LIMIT	547924	8.298	2204160	11.092	1362258	14.933
LOWER LIMIT	136981	7.298	551040	10.092	340564.5	13.933
EPA SAMPLE NO.						
01 SBLK456	307897	7.80	1.25285e	10.59	777549	14.43
02 DDCF9DL	190586	7.80	780956	10.59	499671	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.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020022 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 12:44

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	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	SBLK635	1.08206	17.17	1.05849e+	21.40	1.27003e+	24.40
02	DDCK1DL	1.23549	17.17	1.18976e+ *	21.40	1.40325e+ *	24.40
03	DDCK4DL	1.61411*	17.18	1.61235e+ *	21.40	1.96355e+ *	24.40
04	DDCK4DL2	1.30599*	17.17	1.27685e+ *	21.40	1.46936e+ *	24.40
05	DDCD9DL	1.20883	17.17	1.17336e+	21.40	1.3638e+0 *	24.40
06	DDCD9DL2	1.18447	17.17	1.15301e+	21.40	1.35332e+ *	24.41
07	DDCK6DL	1.30907*	17.17	1.2684e+0 *	21.40	1.47753e+ *	24.40
08	DDCK8DL	1.26301*	17.17	1.2134e+0 *	21.40	1.41344e+ *	24.40
09	DDCF9DL	619797	17.17	604639	21.40	702000	24.40
10	DDCK9DL	22228 *	17.17	22267 *	21.40	23779 *	24.39
11	DDCK9DL2	1.33234*	17.17	1.31642e+ *	21.40	1.574e+00 *	24.40
12	DDCL0DL	1.23763	17.17	1.1823e+0 *	21.40	1.37057e+ *	24.40
13	DDCK2DL	1.30496*	17.17	1.2196e+0 *	21.40	1.44048e+ *	24.40
14	SBLK635	1.19787	17.17	1.14277e+	21.40	1.35728e+ *	24.40
15	DCYL8	1.1555e	17.17	1.15921e+	21.40	1.36937e+ *	24.40
16	DCYL9	1.34745*	17.17	1.26359e+ *	21.40	1.47736e+ *	24.40
17	DCYM2	1.39384*	17.17	1.34973e+ *	21.40	1.53248e+ *	24.40
18	DCYN0	1.38794*	17.17	1.30207e+ *	21.40	1.49119e+ *	24.40
19	DCYN1	1.46814*	17.17	1.36808e+ *	21.40	1.56735e+ *	24.40
20	DCYN4	1.67717*	17.17	1.6473e+0 *	21.40	1.88871e+ *	24.40
21	DCYM1	1.3512e*	17.17	1.29557e+ *	21.40	1.50605e+ *	24.40

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020022 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 03:50

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 DCYM1MS	1.55055*	17.17	1.40836e+ *	21.40	1.57006e+ *	24.40
23 DCYM1MSD	1.52406*	17.17	1.44058e+ *	21.40	1.63997e+ *	24.40
24 DCYM0	1.31438*	17.17	1.21897e+ *	21.40	1.42073e+ *	24.40
25 DCYM5	1.50446*	17.17	1.41669e+ *	21.40	1.68325e+ *	24.40
26 SBLK456	1.56687*	17.17	1.48835e+ *	21.40	1.75068e+ *	24.40
27 DDCF9DL	1.0788e	17.17	1.00666e+	21.40	1.15658e+	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.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020159 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047804.D Time Analyzed: 12:44

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.14016e+04	17.174	1.12059e+	21.403	1.2777e+004	24.403
UPPER LIMIT	2280320	17.674	2241180	21.903	2555400	24.903
LOWER LIMIT	570080	16.674	560295	20.903	638850	23.903
EPA SAMPLE NO.						
01 SBLK635	1.08206	17.17	1.05849e+	21.40	1.27003e+	24.40
02 DDCK1DL	1.23549	17.17	1.18976e+	21.40	1.40325e+	24.40
03 DDCK4DL	1.61411	17.18	1.61235e+	21.40	1.96355e+	24.40
04 DDCK4DL2	1.30599	17.17	1.27685e+	21.40	1.46936e+	24.40
05 DDCK9DL	1.20883	17.17	1.17336e+	21.40	1.3638e+0	24.40
06 DDCK9DL2	1.18447	17.17	1.15301e+	21.40	1.35332e+	24.41
07 DDCK6DL	1.30907	17.17	1.2684e+0	21.40	1.47753e+	24.40
08 DDCK8DL	1.26301	17.17	1.2134e+0	21.40	1.41344e+	24.40
09 DDCK9DL	619797	17.17	604639	21.40	702000	24.40
10 DDCK9DL	22228 *	17.17	22267 *	21.40	23779 *	24.39
11 DDCK9DL2	1.33234	17.17	1.31642e+	21.40	1.574e+00	24.40
12 DDCK10DL	1.23763	17.17	1.1823e+0	21.40	1.37057e+	24.40
13 DDCK2DL	1.30496	17.17	1.2196e+0	21.40	1.44048e+	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 LOWER 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.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020160 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047818.D Time Analyzed: 22:36

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	1.19793e+01	17.175	1.16957e+01	21.398	1.30611e+01	24.398
UPPER LIMIT	2395860	17.675	2339140	21.898	2612220	24.898
LOWER LIMIT	598965	16.675	584785	20.898	653055	23.898
EPA SAMPLE NO.						
01 SBLK635	1.19787	17.17	1.14277e+01	21.40	1.35728e+01	24.40
02 DCYL8	1.1555e	17.17	1.15921e+01	21.40	1.36937e+01	24.40
03 DCYL9	1.34745	17.17	1.26359e+01	21.40	1.47736e+01	24.40
04 DCYM2	1.39384	17.17	1.34973e+01	21.40	1.53248e+01	24.40
05 DCYN0	1.38794	17.17	1.30207e+01	21.40	1.49119e+01	24.40
06 DCYN1	1.46814	17.17	1.36808e+01	21.40	1.56735e+01	24.40
07 DCYN4	1.67717	17.17	1.6473e+01	21.40	1.88871e+01	24.40
08 DCYM1	1.3512e	17.17	1.29557e+01	21.40	1.50605e+01	24.40
09 DCYM1MS	1.55055	17.17	1.40836e+01	21.40	1.57006e+01	24.40
10 DCYM1MSD	1.52406	17.17	1.44058e+01	21.40	1.63997e+01	24.40
11 DCYM0	1.31438	17.17	1.21897e+01	21.40	1.42073e+01	24.40
12 DCYM5	1.50446	17.17	1.41669e+01	21.40	1.68325e+01	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.: BM100324 SAS No.: BM100324 SDG NO.: BM100324

EPA Sample No.: SSTD020161 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BM047831.D Time Analyzed: 07:46

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	1.38478e+01	17.174	1.32999e+	21.397	1.47949e+01	24.397
UPPER LIMIT	2769560	17.674	2659980	21.897	2958980	24.897
LOWER LIMIT	692390	16.674	664995	20.897	739745	23.897
EPA SAMPLE NO.						
01 SBLK456	1.56687	17.17	1.48835e+	21.40	1.75068e+	24.40
02 DDCF9DL	1.0788e	17.17	1.00666e+	21.40	1.15658e+	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.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: _____

Client: _____

Analytical Method:

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK456

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM100324

SAS No.: BM100324 SDG NO.: BM100324

Lab File ID: BM047832.D

Lab Sample ID: PB163456BL

Instrument ID: BNA_M

Date Extracted: 09/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/04/2024

Level: (low/med) LOW

Time Analyzed: 07:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK635

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM100324

SAS No.: BM100324 SDG NO.: BM100324

Lab File ID: BM047805.D

Lab Sample ID: PB163635BL

Instrument ID: BNA_M

Date Extracted: 09/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/03/2024

Level: (low/med) LOW

Time Analyzed: 12:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCYL8	P4084-01	BM047820.D	10/03/2024
DCYL9	P4084-02	BM047821.D	10/03/2024
DCYM2	P4084-04	BM047822.D	10/04/2024
DCYN0	P4084-12	BM047823.D	10/04/2024
DCYN1	P4084-13	BM047824.D	10/04/2024
DCYN4	P4084-16	BM047825.D	10/04/2024
DCYM1	P4084-17	BM047826.D	10/04/2024
DCYM1MS	P4084-18MS	BM047827.D	10/04/2024
DCYM1MSD	P4084-19MSD	BM047828.D	10/04/2024
DCYM0	P4084-03	BM047829.D	10/04/2024
DCYM5	P4084-05	BM047830.D	10/04/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4084-18MS	Client Sample ID:	DCYM1MS				DataFile:	BM047827.D			
1,4-Dioxane	670		330	ug/Kg	49				15	120	
Benzaldehyde	1700		980	ug/Kg	58				0	0	
Pyridine	1700		810	ug/Kg	48				0	0	
Phenol	1700		990	ug/Kg	58				26	90	
Bis(2-chloroethyl)ether	1700		970	ug/Kg	57				0	0	
2-Chlorophenol	1700		1100	ug/Kg	65				25	102	
2-Methylphenol	1700		1100	ug/Kg	65				0	0	
2,2-oxybis(1-Chloropropane)	1700		780	ug/Kg	46				0	0	
Acetophenone	1700		1000	ug/Kg	59				0	0	
4-Methylphenol	1700		1000	ug/Kg	59				0	0	
N-Nitroso-di-n-propylamine	1700		970	ug/Kg	57				41	126	
Hexachloroethane	1700		1000	ug/Kg	59				0	0	
Nitrobenzene	1700		960	ug/Kg	56				0	0	
Isophorone	1700		1100	ug/Kg	65				0	0	
2-Nitrophenol	1700		1300	ug/Kg	76				0	0	
2,4-Dimethylphenol	1700		970	ug/Kg	57				0	0	
Bis(2-chloroethoxy)methane	1700		1000	ug/Kg	59				0	0	
2,4-Dichlorophenol	1700		1200	ug/Kg	71				0	0	
Naphthalene	1700		1100	ug/Kg	65				0	0	
4-Chloroaniline	1700		890	ug/Kg	52				0	0	
Hexachlorobutadiene	1700		1100	ug/Kg	65				0	0	
Caprolactam	1700		1200	ug/Kg	71				0	0	
4-Chloro-3-methylphenol	1700		1200	ug/Kg	71				26	103	
1-Methylnaphthalene	1700		1100	ug/Kg	65				0	0	
2-Methylnaphthalene	1700		1200	ug/Kg	71				0	0	
Hexachlorocyclopentadiene	1700		890	ug/Kg	52				0	0	
2,4,6-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
2,4,5-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
1,1'-Biphenyl	1700		1100	ug/Kg	65				0	0	
2-Chloronaphthalene	1700		1100	ug/Kg	65				0	0	
2-Nitroaniline	1700		1000	ug/Kg	59				0	0	
Dimethylphthalate	1700		1100	ug/Kg	65				0	0	
2,6-Dinitrotoluene	1700		1300	ug/Kg	76				0	0	
Acenaphthylene	1700		1100	ug/Kg	65				0	0	
3-Nitroaniline	1700		1200	ug/Kg	71				0	0	
Acenaphthene	1700		1100	ug/Kg	65				31	137	
2,4-Dinitrophenol	1700		1200	ug/Kg	71				0	0	
4-Nitrophenol	1700		1000	ug/Kg	59				11	114	
Dibenzofuran	1700		1100	ug/Kg	65				0	0	
2,4-Dinitrotoluene	1700		1300	ug/Kg	76				28	89	
Diethylphthalate	1700		1200	ug/Kg	71				0	0	
Fluorene	1700		1100	ug/Kg	65				0	0	
4-Chlorophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
4-Nitroaniline	1700		1300	ug/Kg	76				0	0	
4,6-Dinitro-2-methylphenol	1700		1100	ug/Kg	65				0	0	
N-Nitrosodiphenylamine	1700		1100	ug/Kg	65				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1100	ug/Kg	65				0	0	
4-Bromophenyl-phenylether	1700		1200	ug/Kg	71				0	0	
Hexachlorobenzene	1700		1200	ug/Kg	71				0	0	
Atrazine	1700		950	ug/Kg	56				0	0	
Pentachlorophenol	1700		1100	ug/Kg	65				17	109	
Phenanthrene	1700		1100	ug/Kg	65				0	0	
Pentachlorobenzene	1700		1100	ug/Kg	65				0	0	
Anthracene	1700		1100	ug/Kg	65				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1100	ug/Kg	65				0	0	
Carbazole	1700		1100	ug/Kg	65				0	0	
Di-n-butylphthalate	1700		1300	ug/Kg	76				0	0	
Fluoranthene	1700		1200	ug/Kg	71				0	0	
Pyrene	1700		1200	ug/Kg	71				35	142	
Butylbenzylphthalate	1700		1400	ug/Kg	82				0	0	
3,3'-Dichlorobenzidine	1700		1200	ug/Kg	71				0	0	
Benzo(a)anthracene	1700		1200	ug/Kg	71				0	0	
Chrysene	1700		1100	ug/Kg	65				0	0	
Bis(2-ethylhexyl)phthalate	1700		1400	ug/Kg	82				0	0	
Di-n-octylphthalate	1700		1300	ug/Kg	76				0	0	
Benzo(b)fluoranthene	1700		1200	ug/Kg	71				0	0	
Benzo(k)fluoranthene	1700		1100	ug/Kg	65				0	0	
Benzo(a)pyrene	1700		1100	ug/Kg	65				0	0	
Indeno(1,2,3-cd)pyrene	1700		1100	ug/Kg	65				0	0	
Dibenzo(a,h)anthracene	1700		1100	ug/Kg	65				0	0	
Benzo(g,h,i)perylene	1700		1100	ug/Kg	65				0	0	
2,3,4,6-Tetrachlorophenol	1700		1300	ug/Kg	76				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4084-19MSD	Client Sample ID:	DCYM1MSD					DataFile:	BM047828.D		
1,4-Dioxane	670		370	ug/Kg	55		12		15	120	50
Benzaldehyde	1700		1100	ug/Kg	65		11	*	0	0	0
Pyridine	1700		910	ug/Kg	54		12	*	0	0	0
Phenol	1700		1100	ug/Kg	65		11		26	90	35
Bis(2-chloroethyl)ether	1700		1100	ug/Kg	65		13	*	0	0	0
2-Chlorophenol	1700		1200	ug/Kg	71		9		25	102	50
2-Methylphenol	1700		1200	ug/Kg	71		9	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		870	ug/Kg	51		10	*	0	0	0
Acetophenone	1700		1100	ug/Kg	65		10	*	0	0	0
4-Methylphenol	1700		1200	ug/Kg	71		18	*	0	0	0
N-Nitroso-di-n-propylamine	1700		1100	ug/Kg	65		13		41	126	38
Hexachloroethane	1700		1100	ug/Kg	65		10	*	0	0	0
Nitrobenzene	1700		1100	ug/Kg	65		15	*	0	0	0
Isophorone	1700		1200	ug/Kg	71		9	*	0	0	0
2-Nitrophenol	1700		1400	ug/Kg	82		8	*	0	0	0
2,4-Dimethylphenol	1700		1100	ug/Kg	65		13	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1100	ug/Kg	65		10	*	0	0	0
2,4-Dichlorophenol	1700		1300	ug/Kg	76		7	*	0	0	0
Naphthalene	1700		1200	ug/Kg	71		9	*	0	0	0
4-Chloroaniline	1700		980	ug/Kg	58		11	*	0	0	0
Hexachlorobutadiene	1700		1200	ug/Kg	71		9	*	0	0	0
Caprolactam	1700		1400	ug/Kg	82		14	*	0	0	0
4-Chloro-3-methylphenol	1700		1300	ug/Kg	76		7		26	103	33
1-Methylnaphthalene	1700		1300	ug/Kg	76		16	*	0	0	0
2-Methylnaphthalene	1700		1300	ug/Kg	76		7	*	0	0	0
Hexachlorocyclopentadiene	1700		1000	ug/Kg	59		13	*	0	0	0
2,4,6-Trichlorophenol	1700		1400	ug/Kg	82		14	*	0	0	0
2,4,5-Trichlorophenol	1700		1400	ug/Kg	82		14	*	0	0	0
1,1'-Biphenyl	1700		1200	ug/Kg	71		9	*	0	0	0
2-Chloronaphthalene	1700		1200	ug/Kg	71		9	*	0	0	0
2-Nitroaniline	1700		1200	ug/Kg	71		18	*	0	0	0
Dimethylphthalate	1700		1300	ug/Kg	76		16	*	0	0	0
2,6-Dinitrotoluene	1700		1500	ug/Kg	88		15	*	0	0	0
Acenaphthylene	1700		1300	ug/Kg	76		16	*	0	0	0
3-Nitroaniline	1700		1300	ug/Kg	76		7	*	0	0	0
Acenaphthene	1700		1200	ug/Kg	71		9		31	137	19
2,4-Dinitrophenol	1700		1400	ug/Kg	82		14	*	0	0	0
4-Nitrophenol	1700		1200	ug/Kg	71		18		11	114	50
Dibenzofuran	1700		1300	ug/Kg	76		16	*	0	0	0
2,4-Dinitrotoluene	1700		1500	ug/Kg	88		15		28	89	47
Diethylphthalate	1700		1300	ug/Kg	76		7	*	0	0	0
Fluorene	1700		1200	ug/Kg	71		9	*	0	0	0
4-Chlorophenyl-phenylether	1700		1200	ug/Kg	71		9	*	0	0	0
4-Nitroaniline	1700		1500	ug/Kg	88		15	*	0	0	0
4,6-Dinitro-2-methylphenol	1700		1300	ug/Kg	76		16	*	0	0	0
N-Nitrosodiphenylamine	1700		1300	ug/Kg	76		16	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1200	ug/Kg	71	9	*		0	0	0
4-Bromophenyl-phenylether	1700		1300	ug/Kg	76	7	*		0	0	0
Hexachlorobenzene	1700		1300	ug/Kg	76	7	*		0	0	0
Atrazine	1700		1100	ug/Kg	65	15	*		0	0	0
Pentachlorophenol	1700		1300	ug/Kg	76	16			17	109	47
Phenanthrene	1700		1200	ug/Kg	71	9	*		0	0	0
Pentachlorobenzene	1700		1200	ug/Kg	71	9	*		0	0	0
Anthracene	1700		1200	ug/Kg	71	9	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1200	ug/Kg	71	9	*		0	0	0
Carbazole	1700		1300	ug/Kg	76	16	*		0	0	0
Di-n-butylphthalate	1700		1400	ug/Kg	82	8	*		0	0	0
Fluoranthene	1700		1300	ug/Kg	76	7	*		0	0	0
Pyrene	1700		1300	ug/Kg	76	7			35	142	36
Butylbenzylphthalate	1700		1600	ug/Kg	94	14	*		0	0	0
3,3'-Dichlorobenzidine	1700		1400	ug/Kg	82	14	*		0	0	0
Benzo(a)anthracene	1700		1300	ug/Kg	76	7	*		0	0	0
Chrysene	1700		1300	ug/Kg	76	16	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700		1500	ug/Kg	88	7	*		0	0	0
Di-n-octylphthalate	1700		1400	ug/Kg	82	8	*		0	0	0
Benzo(b)fluoranthene	1700		1300	ug/Kg	76	7	*		0	0	0
Benzo(k)fluoranthene	1700		1300	ug/Kg	76	16	*		0	0	0
Benzo(a)pyrene	1700		1200	ug/Kg	71	9	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700		1300	ug/Kg	76	16	*		0	0	0
Dibenzo(a,h)anthracene	1700		1300	ug/Kg	76	16	*		0	0	0
Benzo(g,h,i)perylene	1700		1300	ug/Kg	76	16	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		1400	ug/Kg	82	8	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163456BL	PB163456BL	BM047832.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Pyridine-d5	40	22.77	57		20	120
			Phenol-d5	40	24.95	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.25	56		10	150
			2-Chlorophenol-d4	40	28.50	71		15	120
			4-Methylphenol-d8	40	25.95	65		10	140
			Nitrobenzene-d5	40	29.06	73		10	135
			2-Nitrophenol-d4	40	32.36	81		10	120
			2,4-Dichlorophenol-d3	40	28.29	71		10	140
			4-Chloroaniline-d4	40	26.90	67		1	145
			Dimethylphthalate-d6	40	29.20	73		10	145
			Acenaphthylene-d8	40	27.95	70		15	120
			4-Nitrophenol-d4	40	24.97	62		10	150
			Fluorene-d10	40	28.78	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.77	62		10	130
			Anthracene-d10	40	28.17	70		10	150
			Pyrene-d10	40	30.06	75		10	130
			Benzo(a)pyrene-d12	40	28.70	72		10	140

Surrogate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-02DL	DDCK4DL	BM047807.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Pyridine-d5	40	7.06	18	*	20	120
			Phenol-d5	40	12.92	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.82	37		10	150
			2-Chlorophenol-d4	40	14.78	37		15	120
			4-Methylphenol-d8	40	13.09	33		10	140
			Nitrobenzene-d5	40	10.43	26		10	135
			2-Nitrophenol-d4	40	13.50	34		10	120
			2,4-Dichlorophenol-d3	40	14.20	35		10	140
			4-Chloroaniline-d4	40	18.41	46		1	145
			Dimethylphthalate-d6	40	15.50	39		10	145
			Acenaphthylene-d8	40	15.41	39		15	120
			4-Nitrophenol-d4	40	14.24	36		10	150
			Fluorene-d10	40	16.23	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.46	24		10	130
			Anthracene-d10	40	15.55	39		10	150
			Pyrene-d10	40	16.53	41		10	130
			Benzo(a)pyrene-d12	40	14.44	36		10	140
P4020-02DL2	DDCK4DL2	BM047808.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.99	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.23	41		10	150
			2-Chlorophenol-d4	40	15.15	38		15	120
			4-Methylphenol-d8	40	10.53	26		10	140
			Nitrobenzene-d5	40	10.98	27		10	135
			2-Nitrophenol-d4	40	13.80	34		10	120
			2,4-Dichlorophenol-d3	40	14.85	37		10	140
			4-Chloroaniline-d4	40	18.63	47		1	145
			Dimethylphthalate-d6	40	16.98	42		10	145
			Acenaphthylene-d8	40	15.78	39		15	120
			4-Nitrophenol-d4	40	10.71	27		10	150
			Fluorene-d10	40	17.55	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.30	23		10	130
			Anthracene-d10	40	17.61	44		10	150
			Pyrene-d10	40	17.43	44		10	130
			Benzo(a)pyrene-d12	40	15.03	38		10	140
P4020-03DL	DDCD9DL	BM047809.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Pyridine-d5	40	10.20	25		20	120
			Phenol-d5	40	15.83	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.25	38		10	150
			2-Chlorophenol-d4	40	18.35	46		15	120
			4-Methylphenol-d8	40	13.94	35		10	140
			Nitrobenzene-d5	40	16.37	41		10	135
			2-Nitrophenol-d4	40	16.59	41		10	120
			2,4-Dichlorophenol-d3	40	16.60	42		10	140
			4-Chloroaniline-d4	40	12.05	30		1	145
			Dimethylphthalate-d6	40	20.48	51		10	145
			Acenaphthylene-d8	40	18.93	47		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150

Surrogate Summary

SW-846

SDG No.: **BM100324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-03DL	DDCD9DL	BM047809.D	Fluorene-d10	40	20.83	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.78	22		10	130
			Anthracene-d10	40	18.70	47		10	150
			Pyrene-d10	40	20.41	51		10	130
			Benzo(a)pyrene-d12	40	18.38	46		10	140
P4020-03DL2	DDCD9DL2	BM047810.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.48	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.26	41		10	150
			2-Chlorophenol-d4	40	16.41	41		15	120
			4-Methylphenol-d8	40	12.84	32		10	140
			Nitrobenzene-d5	40	13.68	34		10	135
			2-Nitrophenol-d4	40	14.01	35		10	120
			2,4-Dichlorophenol-d3	40	14.28	36		10	140
			4-Chloroaniline-d4	40	9.30	23		1	145
			Dimethylphthalate-d6	40	18.87	47		10	145
			Acenaphthylene-d8	40	16.89	42		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	19.35	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.21	16		10	130
			Anthracene-d10	40	17.04	43		10	150
			Pyrene-d10	40	18.36	46		10	130
			Benzo(a)pyrene-d12	40	16.17	40		10	140
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
P4020-04DL	DDCK6DL	BM047811.D	Phenol-d5	40	11.60	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.90	30		10	150
			2-Chlorophenol-d4	40	13.08	33		15	120
			4-Methylphenol-d8	40	10.98	27		10	140
			Nitrobenzene-d5	40	13.16	33		10	135
			2-Nitrophenol-d4	40	11.04	28		10	120
			2,4-Dichlorophenol-d3	40	12.72	32		10	140
			4-Chloroaniline-d4	40	8.64	22		1	145
			Dimethylphthalate-d6	40	16.06	40		10	145
			Acenaphthylene-d8	40	14.54	36		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	16.82	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.18	20		10	130
			Anthracene-d10	40	15.64	39		10	150
			Pyrene-d10	40	16.36	41		10	130
			Benzo(a)pyrene-d12	40	13.68	34		10	140
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	24.39	61		20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
P4020-05DL	DDCF9DL	BM047813.D	Phenol-d5	40	15.72	39		10	130
			Benzo(a)pyrene-d12	40	23.01	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.69	62		10	150
			Bis(2-Chloroethyl)ether-d8	40	17.79	44		10	150
		BM047833.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	15.72	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.69	62		10	150

Surrogate Summary

SW-846

SDG No.: **BM100324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-05DL	DDCF9DL	BM047833.D	2-Chlorophenol-d4	40	18.51	46		15	120
		BM047813.D	2-Chlorophenol-d4	40	27.00	68		15	120
			4-Methylphenol-d8	40	21.15	53		10	140
		BM047833.D	4-Methylphenol-d8	40	13.77	34		10	140
		BM047813.D	Nitrobenzene-d5	40	24.81	62		10	135
		BM047833.D	Nitrobenzene-d5	40	16.83	42		10	135
			2-Nitrophenol-d4	40	16.29	41		10	120
		BM047813.D	2-Nitrophenol-d4	40	24.57	61		10	120
			2,4-Dichlorophenol-d3	40	24.39	61		10	140
		BM047833.D	2,4-Dichlorophenol-d3	40	16.59	41		10	140
			4-Chloroaniline-d4	40	14.55	36		1	145
		BM047813.D	4-Chloroaniline-d4	40	23.88	60		1	145
			Dimethylphthalate-d6	40	42.42	106		10	145
		BM047833.D	Dimethylphthalate-d6	40	27.21	68		10	145
			Acenaphthylene-d8	40	24.03	60		15	120
		BM047813.D	Acenaphthylene-d8	40	36.36	91		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
		BM047833.D	4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	27.03	68		20	140
		BM047813.D	Fluorene-d10	40	39.81	100		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.69	32		10	130
		BM047833.D	4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	25.59	64		10	150
		BM047813.D	Anthracene-d10	40	35.46	89		10	150
			Pyrene-d10	40	37.05	93		10	130
		BM047833.D	Pyrene-d10	40	26.82	67		10	130
			Benzo(a)pyrene-d12	40	24.18	60		10	140
		BM047813.D	Benzo(a)pyrene-d12	40	35.58	89		10	140
P4020-10DL	DDCK1DL	BM047806.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	10.71	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.48	31		10	150
			2-Chlorophenol-d4	40	11.46	29		15	120
			4-Methylphenol-d8	40	9.36	23		10	140
			Nitrobenzene-d5	40	11.43	29		10	135
			2-Nitrophenol-d4	40	10.23	26		10	120
			2,4-Dichlorophenol-d3	40	11.19	28		10	140
			4-Chloroaniline-d4	40	9.18	23		1	145
			Dimethylphthalate-d6	40	17.37	43		10	145
			Acenaphthylene-d8	40	15.54	39		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	17.19	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.12	15		10	130
			Anthracene-d10	40	16.20	41		10	150
			Pyrene-d10	40	16.41	41		10	130
			Benzo(a)pyrene-d12	40	14.97	37		10	140
P4020-11DL	DDCK2DL	BM047817.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	15.91	40		10	130

Surrogate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-11DL	DDCK2DL	BM047817.D	Bis(2-Chloroethyl)ether-d8	40	16.41	41		10	150
			2-Chlorophenol-d4	40	18.22	46		15	120
			4-Methylphenol-d8	40	16.50	41		10	140
			Nitrobenzene-d5	40	17.25	43		10	135
			2-Nitrophenol-d4	40	16.83	42		10	120
			2,4-Dichlorophenol-d3	40	17.74	44		10	140
			4-Chloroaniline-d4	40	11.71	29		1	145
			Dimethylphthalate-d6	40	24.01	60		10	145
			Acenaphthylene-d8	40	22.37	56		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	24.50	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.74	24		10	130
			Anthracene-d10	40	22.31	56		10	150
			Pyrene-d10	40	24.37	61		10	130
			Benzo(a)pyrene-d12	40	21.75	54		10	140
P4020-12DL	DDCK8DL	BM047812.D	Pyridine-d5	40	9.72	24		20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	11.32	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.24	31		10	150
			2-Chlorophenol-d4	40	13.04	33		15	120
			4-Methylphenol-d8	40	10.84	27		10	140
			Nitrobenzene-d5	40	12.74	32		10	135
			2-Nitrophenol-d4	40	11.38	28		10	120
			2,4-Dichlorophenol-d3	40	12.62	32		10	140
			4-Chloroaniline-d4	40	11.56	29		1	145
			Dimethylphthalate-d6	40	15.08	38		10	145
			Acenaphthylene-d8	40	14.36	36		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	15.52	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.62	17		10	130
			Anthracene-d10	40	14.98	37		10	150
			Pyrene-d10	40	15.82	40		10	130
P4020-13DL	DDCK9DL	BM047814.D	Benzo(a)pyrene-d12	40	13.16	33		10	140
			1,4-Dioxane-d8	8	235.13	2939	*	15	120
			Pyridine-d5	40	635.27	1588	*	20	120
			Phenol-d5	40	708.41	1771	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	742.54	1856	*	10	150
			2-Chlorophenol-d4	40	852.89	2132	*	15	120
			4-Methylphenol-d8	40	714.05	1785	*	10	140
			Nitrobenzene-d5	40	970.79	2427	*	10	135
			2-Nitrophenol-d4	40	945.70	2364	*	10	120
			2,4-Dichlorophenol-d3	40	977.74	2444	*	10	140
			4-Chloroaniline-d4	40	758.79	1897	*	1	145
			Dimethylphthalate-d6	40	1,185.50	2964	*	10	145
			Acenaphthylene-d8	40	1,092.10	2730	*	15	120
			4-Nitrophenol-d4	40	191.19	478	*	10	150
			Fluorene-d10	40	1,184.26	2961	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	567.90	1420	*	10	130
			Anthracene-d10	40	1,170.97	2927	*	10	150

Surrogate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-13DL	DDCK9DL	BM047814.D	Pyrene-d10	40	1,221.99	3055	*	10	130
			Benzo(a)pyrene-d12	40	1,152.84	2882	*	10	140
P4020-13DL2	DDCK9DL2	BM047815.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.82	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.15	38		10	150
			2-Chlorophenol-d4	40	17.04	43		15	120
			4-Methylphenol-d8	40	13.71	34		10	140
			Nitrobenzene-d5	40	15.24	38		10	135
			2-Nitrophenol-d4	40	14.10	35		10	120
			2,4-Dichlorophenol-d3	40	14.61	37		10	140
			4-Chloroaniline-d4	40	12.15	30		1	145
			Dimethylphthalate-d6	40	20.37	51		10	145
			Acenaphthylene-d8	40	18.96	47		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	21.51	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	18.84	47		10	150
			Pyrene-d10	40	19.32	48		10	130
			Benzo(a)pyrene-d12	40	16.92	42		10	140
P4020-14DL	DDCL0DL	BM047816.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.19	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.50	56		10	150
			2-Chlorophenol-d4	40	23.88	60		15	120
			4-Methylphenol-d8	40	17.28	43		10	140
			Nitrobenzene-d5	40	22.05	55		10	135
			2-Nitrophenol-d4	40	19.92	50		10	120
			2,4-Dichlorophenol-d3	40	20.49	51		10	140
			4-Chloroaniline-d4	40	17.73	44		1	145
			Dimethylphthalate-d6	40	27.42	69		10	145
			Acenaphthylene-d8	40	25.08	63		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	28.05	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	24.39	61		10	150
			Pyrene-d10	40	27.51	69		10	130
			Benzo(a)pyrene-d12	40	23.01	58		10	140

Surrogate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4084-01	DCYL8	BM047820.D	1,4-Dioxane-d8	8	1.18	15		15	120
			Pyridine-d5	40	0.93	2	*	20	120
			Phenol-d5	40	6.14	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.03	15		10	150
			2-Chlorophenol-d4	40	7.14	18		15	120
			4-Methylphenol-d8	40	6.03	15		10	140
			Nitrobenzene-d5	40	7.04	18		10	135
			2-Nitrophenol-d4	40	7.18	18		10	120
			2,4-Dichlorophenol-d3	40	7.42	19		10	140
			4-Chloroaniline-d4	40	2.64	7		1	145
			Dimethylphthalate-d6	40	8.17	20		10	145
			Acenaphthylene-d8	40	7.77	19		15	120
			4-Nitrophenol-d4	40	3.98	10		10	150
			Fluorene-d10	40	8.33	21		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.22	11		10	130
			Anthracene-d10	40	7.91	20		10	150
			Pyrene-d10	40	6.69	17		10	130
			Benzo(a)pyrene-d12	40	4.49	11		10	140
P4084-02	DCYL9	BM047821.D	1,4-Dioxane-d8	8	1.01	13	*	15	120
			Pyridine-d5	40	0.57	1	*	20	120
			Phenol-d5	40	6.60	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.24	16		10	150
			2-Chlorophenol-d4	40	7.87	20		15	120
			4-Methylphenol-d8	40	6.87	17		10	140
			Nitrobenzene-d5	40	7.72	19		10	135
			2-Nitrophenol-d4	40	8.01	20		10	120
			2,4-Dichlorophenol-d3	40	8.25	21		10	140
			4-Chloroaniline-d4	40	2.79	7		1	145
			Dimethylphthalate-d6	40	8.64	22		10	145
			Acenaphthylene-d8	40	8.40	21		15	120
			4-Nitrophenol-d4	40	2.95	7	*	10	150
			Fluorene-d10	40	9.03	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.58	11		10	130
			Anthracene-d10	40	8.49	21		10	150
			Pyrene-d10	40	7.57	19		10	130
			Benzo(a)pyrene-d12	40	4.81	12		10	140
P4084-03	DCYM0	BM047829.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Pyridine-d5	40	7.24	18	*	20	120
			Phenol-d5	40	13.47	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.22	31		10	150
			2-Chlorophenol-d4	40	15.47	39		15	120
			4-Methylphenol-d8	40	13.67	34		10	140
			Nitrobenzene-d5	40	16.16	40		10	135
			2-Nitrophenol-d4	40	17.67	44		10	120
			2,4-Dichlorophenol-d3	40	16.24	41		10	140
			4-Chloroaniline-d4	40	15.47	39		1	145
			Dimethylphthalate-d6	40	18.07	45		10	145
			Acenaphthylene-d8	40	17.33	43		15	120
			4-Nitrophenol-d4	40	11.64	29		10	150

Surrogate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4084-03	DCYM0	BM047829.D	Fluorene-d10	40	18.12	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.48	26		10	130
			Anthracene-d10	40	17.73	44		10	150
			Pyrene-d10	40	19.22	48		10	130
			Benzo(a)pyrene-d12	40	18.43	46		10	140
P4084-04	DCYM2	BM047822.D	1,4-Dioxane-d8	8	1.37	17		15	120
			Pyridine-d5	40	0.53	1	*	20	120
			Phenol-d5	40	7.61	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.79	17		10	150
			2-Chlorophenol-d4	40	8.68	22		15	120
			4-Methylphenol-d8	40	7.00	17		10	140
			Nitrobenzene-d5	40	8.47	21		10	135
			2-Nitrophenol-d4	40	9.33	23		10	120
			2,4-Dichlorophenol-d3	40	9.11	23		10	140
			4-Chloroaniline-d4	40	6.09	15		1	145
			Dimethylphthalate-d6	40	9.26	23		10	145
			Acenaphthylene-d8	40	8.98	22		15	120
			4-Nitrophenol-d4	40	4.87	12		10	150
			Fluorene-d10	40	9.72	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.94	12		10	130
			Anthracene-d10	40	8.96	22		10	150
			Pyrene-d10	40	7.98	20		10	130
			Benzo(a)pyrene-d12	40	5.21	13		10	140
P4084-05	DCYM5	BM047830.D	1,4-Dioxane-d8	8	2.53	32		15	120
			Pyridine-d5	40	3.94	10	*	20	120
			Phenol-d5	40	14.08	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.00	32		10	150
			2-Chlorophenol-d4	40	16.10	40		15	120
			4-Methylphenol-d8	40	15.36	38		10	140
			Nitrobenzene-d5	40	17.03	43		10	135
			2-Nitrophenol-d4	40	17.97	45		10	120
			2,4-Dichlorophenol-d3	40	17.15	43		10	140
			4-Chloroaniline-d4	40	14.87	37		1	145
			Dimethylphthalate-d6	40	18.71	47		10	145
			Acenaphthylene-d8	40	18.64	47		15	120
			4-Nitrophenol-d4	40	12.57	31		10	150
			Fluorene-d10	40	19.50	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.33	28		10	130
			Anthracene-d10	40	19.19	48		10	150
			Pyrene-d10	40	20.65	52		10	130
			Benzo(a)pyrene-d12	40	20.07	50		10	140
P4084-12	DCYN0	BM047823.D	1,4-Dioxane-d8	8	2.22	28		15	120
			Pyridine-d5	40	3.07	8	*	20	120
			Phenol-d5	40	13.24	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.28	28		10	150
			2-Chlorophenol-d4	40	14.56	36		15	120
			4-Methylphenol-d8	40	14.75	37		10	140
			Nitrobenzene-d5	40	15.01	38		10	135
			2-Nitrophenol-d4	40	16.71	42		10	120

Surrogate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4084-12	DCYN0	BM047823.D	2,4-Dichlorophenol-d3	40	16.44	41		10	140
			4-Chloroaniline-d4	40	11.91	30		1	145
			Dimethylphthalate-d6	40	17.68	44		10	145
			Acenaphthylene-d8	40	17.25	43		15	120
			4-Nitrophenol-d4	40	11.41	29		10	150
			Fluorene-d10	40	18.25	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.03	33		10	130
			Anthracene-d10	40	17.51	44		10	150
			Pyrene-d10	40	19.45	49		10	130
			Benzo(a)pyrene-d12	40	18.62	47		10	140
P4084-13	DCYN1	BM047824.D	1,4-Dioxane-d8	8	2.01	25		15	120
			Pyridine-d5	40	5.01	13	*	20	120
			Phenol-d5	40	12.94	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.66	29		10	150
			2-Chlorophenol-d4	40	14.73	37		15	120
			4-Methylphenol-d8	40	14.28	36		10	140
			Nitrobenzene-d5	40	15.98	40		10	135
			2-Nitrophenol-d4	40	17.78	44		10	120
			2,4-Dichlorophenol-d3	40	16.31	41		10	140
			4-Chloroaniline-d4	40	14.08	35		1	145
			Dimethylphthalate-d6	40	17.66	44		10	145
			Acenaphthylene-d8	40	17.41	44		15	120
			4-Nitrophenol-d4	40	11.86	30		10	150
			Fluorene-d10	40	18.23	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.38	28		10	130
			Anthracene-d10	40	17.21	43		10	150
			Pyrene-d10	40	19.24	48		10	130
			Benzo(a)pyrene-d12	40	18.86	47		10	140
P4084-16	DCYN4	BM047825.D	1,4-Dioxane-d8	8	1.25	16		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.60	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.91	17		10	150
			2-Chlorophenol-d4	40	8.97	22		15	120
			4-Methylphenol-d8	40	7.35	18		10	140
			Nitrobenzene-d5	40	8.76	22		10	135
			2-Nitrophenol-d4	40	9.68	24		10	120
			2,4-Dichlorophenol-d3	40	9.35	23		10	140
			4-Chloroaniline-d4	40	5.05	13		1	145
			Dimethylphthalate-d6	40	9.71	24		10	145
			Acenaphthylene-d8	40	9.24	23		15	120
			4-Nitrophenol-d4	40	6.12	15		10	150
			Fluorene-d10	40	10.00	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.98	15		10	130
			Anthracene-d10	40	9.31	23		10	150
			Pyrene-d10	40	8.15	20		10	130
			Benzo(a)pyrene-d12	40	5.41	14		10	140
P4084-17	DCYM1	BM047826.D	1,4-Dioxane-d8	8	3.10	39		15	120
			Pyridine-d5	40	1.07	3	*	20	120
			Phenol-d5	40	21.18	53		10	130

Surrogate Summary

SW-846

SDG No.: BM100324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4084-17	DCYM1	BM047826.D	Bis(2-Chloroethyl)ether-d8	40	19.39	48		10	150
			2-Chlorophenol-d4	40	24.03	60		15	120
			4-Methylphenol-d8	40	23.32	58		10	140
			Nitrobenzene-d5	40	27.09	68		10	135
			2-Nitrophenol-d4	40	27.01	68		10	120
			2,4-Dichlorophenol-d3	40	26.43	66		10	140
			4-Chloroaniline-d4	40	16.30	41		1	145
			Dimethylphthalate-d6	40	24.88	62		10	145
			Acenaphthylene-d8	40	28.63	72		15	120
			4-Nitrophenol-d4	40	20.54	51		10	150
			Fluorene-d10	40	29.66	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.27	46		10	130
			Anthracene-d10	40	29.53	74		10	150
			Pyrene-d10	40	31.12	78		10	130
			Benzo(a)pyrene-d12	40	30.43	76		10	140
P4084-18MS	DCYM1MS	BM047827.D	1,4-Dioxane-d8	8	2.67	33		15	120
			Pyridine-d5	40	0.97	2	*	20	120
			Phenol-d5	40	18.91	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.10	43		10	150
			2-Chlorophenol-d4	40	21.54	54		15	120
			4-Methylphenol-d8	40	20.80	52		10	140
			Nitrobenzene-d5	40	23.24	58		10	135
			2-Nitrophenol-d4	40	23.18	58		10	120
			2,4-Dichlorophenol-d3	40	24.44	61		10	140
			4-Chloroaniline-d4	40	13.26	33		1	145
			Dimethylphthalate-d6	40	19.47	49		10	145
			Acenaphthylene-d8	40	22.85	57		15	120
			4-Nitrophenol-d4	40	18.79	47		10	150
			Fluorene-d10	40	22.91	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.27	46		10	130
			Anthracene-d10	40	22.09	55		10	150
			Pyrene-d10	40	24.38	61		10	130
P4084-19MSD	DCYM1MSD	BM047828.D	Benzo(a)pyrene-d12	40	23.51	59		10	140
			1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	1.08	3	*	20	120
			Phenol-d5	40	21.05	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.87	47		10	150
			2-Chlorophenol-d4	40	23.81	60		15	120
			4-Methylphenol-d8	40	22.95	57		10	140
			Nitrobenzene-d5	40	25.45	64		10	135
			2-Nitrophenol-d4	40	25.79	64		10	120
			2,4-Dichlorophenol-d3	40	26.58	66		10	140
			4-Chloroaniline-d4	40	14.71	37		1	145
			Dimethylphthalate-d6	40	22.04	55		10	145
			Acenaphthylene-d8	40	25.62	64		15	120
			4-Nitrophenol-d4	40	21.65	54		10	150
			Fluorene-d10	40	25.61	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.69	52		10	130
			Anthracene-d10	40	24.70	62		10	150

Surrogate Summary

SW-846

SDG No.: **BM100324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4084-19MSD	DCYM1MSD	BM047828.D	Pyrene-d10	40	26.63	67		10	130
			Benzo(a)pyrene-d12	40	26.35	66		10	140
PB163635BL	PB163635BL	BM047819.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Pyridine-d5	40	21.70	54		20	120
		BM047805.D	Pyridine-d5	40	21.19	53		20	120
			1,4-Dioxane-d8	8	4.64	58		15	120
		BM047819.D	Phenol-d5	40	21.85	55		10	130
			Phenol-d5	40	22.23	56		10	130
		BM047805.D	Bis(2-Chloroethyl)ether-d8	40	20.51	51		10	150
			Bis(2-Chloroethyl)ether-d8	40	19.87	50		10	150
		BM047819.D	2-Chlorophenol-d4	40	25.79	64		15	120
			2-Chlorophenol-d4	40	26.05	65		15	120
		BM047805.D	4-Methylphenol-d8	40	23.21	58		10	140
			4-Methylphenol-d8	40	22.63	57		10	140
		BM047819.D	Nitrobenzene-d5	40	26.48	66		10	135
			Nitrobenzene-d5	40	26.48	66		10	135
		BM047805.D	2-Nitrophenol-d4	40	28.80	72		10	120
			2-Nitrophenol-d4	40	28.69	72		10	120
		BM047819.D	2,4-Dichlorophenol-d3	40	25.83	65		10	140
			2,4-Dichlorophenol-d3	40	25.74	64		10	140
		BM047805.D	4-Chloroaniline-d4	40	25.14	63		1	145
			4-Chloroaniline-d4	40	24.61	62		1	145
		BM047819.D	Dimethylphthalate-d6	40	27.52	69		10	145
			Dimethylphthalate-d6	40	26.77	67		10	145
		BM047805.D	Acenaphthylene-d8	40	25.78	64		15	120
			Acenaphthylene-d8	40	26.08	65		15	120
		BM047819.D	4-Nitrophenol-d4	40	21.43	54		10	150
			4-Nitrophenol-d4	40	20.14	50		10	150
		BM047805.D	Fluorene-d10	40	26.59	66		20	140
			Fluorene-d10	40	26.84	67		20	140
		BM047819.D	4,6-Dinitro-2-methylphenol-d2	40	20.15	50		10	130
			4,6-Dinitro-2-methylphenol-d2	40	19.39	48		10	130
		BM047805.D	Anthracene-d10	40	25.70	64		10	150
			Anthracene-d10	40	25.69	64		10	150
		BM047819.D	Pyrene-d10	40	26.63	67		10	130
			Pyrene-d10	40	27.02	68		10	130
		BM047805.D	Benzo(a)pyrene-d12	40	26.24	66		10	140
			Benzo(a)pyrene-d12	40	26.50	66		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100324

Lab Code: CHEM

SAS No.: BM100324

SDG NO.: BM100324

Lab File ID: BM047803.D

DFTPP Injection Date: 10/03/2024

Instrument ID: BNA_M

DFTPP Injection Time: 11:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	36.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	80.3
443	15.0 - 24.0% of mass 442	15.7 (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
SSTD020159	SSTDCCC020	BM047804.D	10/03/2024	12:05
SBLK635	PB163635BL	BM047805.D	10/03/2024	12:44
DDCK1DL	P4020-10DL	BM047806.D	10/03/2024	13:24
DDCK4DL	P4020-02DL	BM047807.D	10/03/2024	14:03
DDCK4DL2	P4020-02DL2	BM047808.D	10/03/2024	14:43
DDCD9DL	P4020-03DL	BM047809.D	10/03/2024	15:22
DDCD9DL2	P4020-03DL2	BM047810.D	10/03/2024	16:01
DDCK6DL	P4020-04DL	BM047811.D	10/03/2024	16:41
DDCK8DL	P4020-12DL	BM047812.D	10/03/2024	17:20
DDCF9DL	P4020-05DL	BM047813.D	10/03/2024	18:00
DDCK9DL	P4020-13DL	BM047814.D	10/03/2024	18:39
DDCK9DL2	P4020-13DL2	BM047815.D	10/03/2024	19:18
DDCL0DL	P4020-14DL	BM047816.D	10/03/2024	19:58
DDCK2DL	P4020-11DL	BM047817.D	10/03/2024	20:37
SSTD020160	SSTDCCC020	BM047818.D	10/03/2024	21:56
SBLK635	PB163635BL	BM047819.D	10/03/2024	22:36
DCYL8	P4084-01	BM047820.D	10/03/2024	23:15
DCYL9	P4084-02	BM047821.D	10/03/2024	23:54

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100324

Lab Code: CHEM

SAS No.: BM100324 SDG NO.: BM100324

Lab File ID: BM047803.D

DFTPP Injection Date: 10/03/2024

Instrument ID: BNA_M

DFTPP Injection Time: 11:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	36.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	80.3
443	15.0 - 24.0% of mass 442	15.7 (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
DCYM2	P4084-04	BM047822.D	10/04/2024	00:34
DCYN0	P4084-12	BM047823.D	10/04/2024	01:13
DCYN1	P4084-13	BM047824.D	10/04/2024	01:52
DCYN4	P4084-16	BM047825.D	10/04/2024	02:32
DCYM1	P4084-17	BM047826.D	10/04/2024	03:11
DCYM1MS	P4084-18MS	BM047827.D	10/04/2024	03:50
DCYM1MSD	P4084-19MSD	BM047828.D	10/04/2024	04:30
DCYM0	P4084-03	BM047829.D	10/04/2024	05:09
DCYM5	P4084-05	BM047830.D	10/04/2024	05:48
SSTD020161	SSTDCCC020	BM047831.D	10/04/2024	07:07
SBLK456	PB163456BL	BM047832.D	10/04/2024	07:46
DDCF9DL	P4020-05DL	BM047833.D	10/04/2024	08:26