

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080924 SAS No.: BM080924 SDG No.: BM080924

Instrument ID: BNA_M Calibration Date/Time: 8/8/2024 12:14:45

Lab File ID: BM047086.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020135 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.527	0.010	-6.1655	40.0
Benzaldehyde	0.873	1.023	0.010	17.214	40.0
Pyridine	1.363	1.442	0.010	5.8011	40.0
Phenol	1.530	1.679	0.080	9.7522	20.0
Bis(2-Chloroethyl)ether	1.304	1.376	0.100	5.5016	20.0
2-Chlorophenol	1.304	1.363	0.200	4.5695	20.0
2-Methylphenol	1.166	1.219	0.010	4.6163	20.0
2,2-oxybis(1-Chloropropane)	1.563	1.844	0.010	17.9797	40.0
Acetophenone	1.894	1.980	0.060	4.543	20.0
4-Methylphenol	1.259	1.346	0.010	6.8941	20.0
N-Nitroso-di-n-propylamine	0.999	1.031	0.050	3.2571	30.0
Hexachloroethane	0.635	0.598	0.100	-5.8909	20.0
Nitrobenzene	0.429	0.402	0.050	-6.2761	25.0
Isophorone	0.734	0.703	0.050	-4.2405	25.0
2-Nitrophenol	0.192	0.190	0.050	-0.9695	25.0
2,4-Dimethylphenol	0.378	0.357	0.050	-5.6106	25.0
Bis(2-Chloroethoxy)methane	0.452	0.445	0.050	-1.5591	20.0
2,4-Dichlorophenol	0.336	0.322	0.060	-3.9699	20.0
Naphthalene	1.059	1.044	0.200	-1.39	20.0
4-Chloroaniline	0.429	0.423	0.010	-1.3908	40.0
Hexachlorobutadiene	0.242	0.205	0.040	-15.2455	30.0
Caprolactam	0.102	0.095	0.010	-6.0865	40.0
4-Chloro-3-methylphenol	0.346	0.328	0.040	-5.2475	25.0
1-Methylnaphthalene	0.749	0.721	0.100	-3.6758	20.0
2-Methylnaphthalene	0.739	0.715	0.100	-3.2823	20.0
Hexachlorocyclopentadiene	0.413	0.284	0.010	-31.2875	40.0
2,4,6-Trichlorophenol	0.411	0.396	0.090	-3.4604	25.0
2,4,5-Trichlorophenol	0.443	0.433	0.100	-2.4133	25.0
1,1-Biphenyl	1.496	1.479	0.200	-1.1642	20.0
2-Chloronaphthalene	1.188	1.188	0.300	0.0166	20.0
2-Nitroaniline	0.361	0.355	0.050	-1.7632	40.0
Dimethylphthalate	1.534	1.414	0.300	-7.8343	20.0
2,6-Dinitrotoluene	0.298	0.289	0.080	-3.087	30.0
Acenaphthylene	1.803	1.796	0.400	-0.3755	20.0
3-Nitroaniline	0.304	0.309	0.010	1.6464	40.0
Acenaphthene	1.300	1.262	0.200	-2.9181	20.0
2,4-Dinitrophenol	0.210	0.144	0.010	-31.6905	40.0
4-Nitrophenol	0.299	0.225	0.010	-24.7909	40.0
Dibenzofuran	1.824	1.750	0.300	-4.0461	20.0

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Lab Code: CHEM Case No.: BM080924 SAS No.: BM080924 SDG No.: BM080924

Instrument ID: BNA_M Calibration Date/Time: 8/8/2024 12:14:45

Lab File ID: BM047086.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020135 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.456	0.426	0.070	-6.6383	30.0
Diethylphthalate	1.651	1.440	0.300	-12.7703	20.0
Fluorene	1.504	1.402	0.200	-6.8078	20.0
4-Chlorophenyl-phenylether	0.741	0.655	0.100	-11.5358	20.0
4-Nitroaniline	0.300	0.308	0.010	2.5085	40.0
4,6-Dinitro-2-methylphenol	0.138	0.119	0.010	-14.0087	40.0
N-Nitrosodiphenylamine	0.593	0.586	0.050	-1.0695	20.0
1,2,4,5-Tetrachlorobenzene	0.627	0.598	0.100	-4.6024	20.0
4-Bromophenyl-phenylether	0.216	0.201	0.070	-7.1627	20.0
Hexachlorobenzene	0.255	0.241	0.050	-5.5892	25.0
Atrazine	0.233	0.205	0.010	-11.6819	25.0
Pentachlorophenol	0.173	0.150	0.010	-12.8823	40.0
Phenanthrene	1.121	1.096	0.200	-2.2732	20.0
Pentachlorobenzene	0.298	0.283	0.050	-5.0466	20.0
Anthracene	1.131	1.103	0.200	-2.4187	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.293	0.050	1.6485	20.0
Carbazole	1.048	1.018	0.050	-2.8644	40.0
Di-n-butylphthalate	1.333	1.189	0.500	-10.7594	25.0
Fluoranthene	1.368	1.432	0.400	4.6447	25.0
Pyrene	1.458	1.517	0.400	4.0807	25.0
Butylbenzylphthalate	0.637	0.616	0.100	-3.4071	40.0
3,3-Dichlorobenzidine	0.490	0.435	0.010	-11.2148	40.0
Benzo (a) anthracene	1.461	1.427	0.300	-2.279	30.0
Chrysene	1.393	1.341	0.200	-3.7124	30.0
Bis(2-ethylhexyl)phthalate	0.930	0.892	0.200	-4.0801	40.0
Di-n-octyl phthalate	1.411	1.304	0.010	-7.5517	40.0
Benzo (b) fluoranthene	1.237	1.240	0.200	0.2015	25.0
Benzo (k) fluoranthene	1.223	1.245	0.200	1.816	25.0
Benzo (a) pyrene	1.153	1.160	0.200	0.6614	20.0
Indeno (1,2,3-cd) pyrene	1.477	1.436	0.200	-2.7658	25.0
Dibenzo (a,h) anthracene	1.186	1.161	0.200	-2.1192	30.0
Benzo (g,h,i) perylene	1.167	1.115	0.200	-4.4119	30.0
2,3,4,6-Tetrachlorophenol	0.394	0.344	0.040	-12.7795	20.0
1,4-Dioxane-d8	0.505	0.505	0.010	0.011	25.0
Pyridine-d5	1.377	1.419	0.010	3.0732	40.0
Phenol-d5	1.519	1.630	0.010	7.2639	25.0
Bis- (2-Chloroethyl) ether-d8	1.000	1.067	0.050	6.7106	25.0
2-Chlorophenol-d4	1.287	1.341	0.200	4.2194	20.0
4-Methylphenol-d8	1.204	1.265	0.010	5.1006	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080924 SAS No.: BM080924 SDG No.: BM080924

Instrument ID: BNA_M Calibration Date/Time: 8/8/2024 12:14:45

Lab File ID: BM047086.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020135 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.160	0.160	0.050	-0.5836	20.0
2-Nitrophenol-d4	0.175	0.172	0.050	-1.9407	30.0
2,4-Dichlorophenol-d3	0.336	0.330	0.060	-2.0573	20.0
4-Chloroaniline-d4	0.442	0.432	0.010	-2.2571	40.0
Dimethylphthalate-d6	1.529	1.396	0.300	-8.6909	20.0
Acenaphthylene-d8	1.707	1.693	0.400	-0.7996	20.0
4-Nitrophenol-d4	0.296	0.261	0.010	-11.6815	40.0
Fluorene-d10	1.308	1.250	0.100	-4.4428	20.0
4,6-Dinitro-2-methylphenol-d2	0.126	0.105	0.010	-16.6917	40.0
Anthracene-d10	0.948	0.927	0.300	-2.2538	20.0
Pyrene-d10	1.145	1.176	0.300	2.7195	25.0
Benzo(a)pyrene-d12	1.053	1.041	0.010	-1.1097	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080924 SAS No.: BM080924 SDG No.: BM080924

Instrument ID: BNA_M Calibration Date/Time: 8/8/2024 12:23:29

Lab File ID: BM047099.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020136 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.533	0.010	-5.1542	40.0
Benzaldehyde	0.873	1.040	0.010	19.1848	40.0
Pyridine	1.363	1.506	0.010	10.4431	40.0
Phenol	1.530	1.737	0.080	13.5321	20.0
Bis(2-Chloroethyl)ether	1.304	1.382	0.100	5.99	20.0
2-Chlorophenol	1.304	1.368	0.200	4.9476	20.0
2-Methylphenol	1.166	1.257	0.010	7.8787	20.0
2,2-oxybis(1-Chloropropane)	1.563	1.868	0.010	19.5341	40.0
Acetophenone	1.894	2.057	0.060	8.6087	20.0
4-Methylphenol	1.259	1.389	0.010	10.3005	20.0
N-Nitroso-di-n-propylamine	0.999	1.065	0.050	6.6083	30.0
Hexachloroethane	0.635	0.600	0.100	-5.5139	20.0
Nitrobenzene	0.429	0.413	0.050	-3.7675	25.0
Isophorone	0.734	0.722	0.050	-1.5803	25.0
2-Nitrophenol	0.192	0.192	0.050	-0.0848	25.0
2,4-Dimethylphenol	0.378	0.359	0.050	-5.0281	25.0
Bis(2-Chloroethoxy)methane	0.452	0.452	0.050	-0.0602	20.0
2,4-Dichlorophenol	0.336	0.327	0.060	-2.4814	20.0
Naphthalene	1.059	1.042	0.200	-1.5685	20.0
4-Chloroaniline	0.429	0.442	0.010	2.8629	40.0
Hexachlorobutadiene	0.242	0.202	0.040	-16.3685	30.0
Caprolactam	0.102	0.100	0.010	-1.3284	40.0
4-Chloro-3-methylphenol	0.346	0.338	0.040	-2.3434	25.0
1-Methylnaphthalene	0.749	0.738	0.100	-1.4409	20.0
2-Methylnaphthalene	0.739	0.732	0.100	-1.0629	20.0
Hexachlorocyclopentadiene	0.413	0.369	0.010	-10.6974	40.0
2,4,6-Trichlorophenol	0.411	0.401	0.090	-2.4193	25.0
2,4,5-Trichlorophenol	0.443	0.434	0.100	-2.0275	25.0
1,1-Biphenyl	1.496	1.454	0.200	-2.7991	20.0
2-Chloronaphthalene	1.188	1.187	0.300	-0.1212	20.0
2-Nitroaniline	0.361	0.360	0.050	-0.3553	40.0
Dimethylphthalate	1.534	1.422	0.300	-7.3444	20.0
2,6-Dinitrotoluene	0.298	0.293	0.080	-1.6731	30.0
Acenaphthylene	1.803	1.786	0.400	-0.9062	20.0
3-Nitroaniline	0.304	0.319	0.010	5.0991	40.0
Acenaphthene	1.300	1.256	0.200	-3.3394	20.0
2,4-Dinitrophenol	0.210	0.207	0.010	-1.5494	40.0
4-Nitrophenol	0.299	0.238	0.010	-20.5738	40.0
Dibenzofuran	1.824	1.757	0.300	-3.6492	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080924 SAS No.: BM080924 SDG No.: BM080924

Instrument ID: BNA_M Calibration Date/Time: 8/8/2024 12:23:29

Lab File ID: BM047099.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020136 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.456	0.440	0.070	-3.4199	30.0
Diethylphthalate	1.651	1.463	0.300	-11.3617	20.0
Fluorene	1.504	1.410	0.200	-6.2865	20.0
4-Chlorophenyl-phenylether	0.741	0.658	0.100	-11.187	20.0
4-Nitroaniline	0.300	0.332	0.010	10.6298	40.0
4,6-Dinitro-2-methylphenol	0.138	0.124	0.010	-10.1138	40.0
N-Nitrosodiphenylamine	0.593	0.582	0.050	-1.8205	20.0
1,2,4,5-Tetrachlorobenzene	0.627	0.581	0.100	-7.2936	20.0
4-Bromophenyl-phenylether	0.216	0.200	0.070	-7.4852	20.0
Hexachlorobenzene	0.255	0.241	0.050	-5.5551	25.0
Atrazine	0.233	0.203	0.010	-12.7165	25.0
Pentachlorophenol	0.173	0.153	0.010	-11.2791	40.0
Phenanthrene	1.121	1.086	0.200	-3.1439	20.0
Pentachlorobenzene	0.298	0.278	0.050	-6.5766	20.0
Anthracene	1.131	1.090	0.200	-3.5671	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.282	0.050	-2.1086	20.0
Carbazole	1.048	1.034	0.050	-1.3086	40.0
Di-n-butylphthalate	1.333	1.205	0.500	-9.6234	25.0
Fluoranthene	1.368	1.445	0.400	5.5845	25.0
Pyrene	1.458	1.515	0.400	3.9034	25.0
Butylbenzylphthalate	0.637	0.641	0.100	0.602	40.0
3,3-Dichlorobenzidine	0.490	0.432	0.010	-11.8024	40.0
Benzo (a) anthracene	1.461	1.429	0.300	-2.1466	30.0
Chrysene	1.393	1.350	0.200	-3.0682	30.0
Bis(2-ethylhexyl)phthalate	0.930	0.907	0.200	-2.4886	40.0
Di-n-octyl phthalate	1.411	1.329	0.010	-5.8178	40.0
Benzo (b) fluoranthene	1.237	1.264	0.200	2.1886	25.0
Benzo (k) fluoranthene	1.223	1.210	0.200	-1.0457	25.0
Benzo (a) pyrene	1.153	1.152	0.200	-0.0341	20.0
Indeno (1,2,3-cd) pyrene	1.477	1.433	0.200	-2.9316	25.0
Dibenzo (a,h) anthracene	1.186	1.159	0.200	-2.325	30.0
Benzo (g,h,i) perylene	1.167	1.117	0.200	-4.2229	30.0
2,3,4,6-Tetrachlorophenol	0.394	0.350	0.040	-11.294	20.0
1,4-Dioxane-d8	0.505	0.501	0.010	-0.7938	25.0
Pyridine-d5	1.377	1.465	0.010	6.3683	40.0
Phenol-d5	1.519	1.665	0.010	9.6062	25.0
Bis- (2-Chloroethyl) ether-d8	1.000	1.073	0.050	7.3377	25.0
2-Chlorophenol-d4	1.287	1.330	0.200	3.3632	20.0
4-Methylphenol-d8	1.204	1.295	0.010	7.5921	20.0

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_M Calibration Date/Time: 8/8/2024 12:23:29

Lab File ID: BM047099.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020136 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.160	0.160	0.050	-0.3653	20.0
2-Nitrophenol-d4	0.175	0.174	0.050	-0.6206	30.0
2,4-Dichlorophenol-d3	0.336	0.331	0.060	-1.5868	20.0
4-Chloroaniline-d4	0.442	0.440	0.010	-0.396	40.0
Dimethylphthalate-d6	1.529	1.409	0.300	-7.8783	20.0
Acenaphthylene-d8	1.707	1.708	0.400	0.0561	20.0
4-Nitrophenol-d4	0.296	0.280	0.010	-5.3707	40.0
Fluorene-d10	1.308	1.253	0.100	-4.1857	20.0
4,6-Dinitro-2-methylphenol-d2	0.126	0.110	0.010	-13.1799	40.0
Anthracene-d10	0.948	0.925	0.300	-2.4328	20.0
Pyrene-d10	1.145	1.194	0.300	4.2883	25.0
Benzo(a)pyrene-d12	1.053	1.037	0.010	-1.5503	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK538	SDG No.:	BM080924
Lab Sample ID:	PB162538BL	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
BM047087.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

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:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK538	SDG No.:	BM080924
Lab Sample ID:	PB162538BL	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
BM047087.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

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:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK538	SDG No.:	BM080924
Lab Sample ID:	PB162538BL	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
BM047087.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

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	6.004		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	30.219		20-120		76	SPK: -40
4165-62-2	Phenol-d5	32.071		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.114		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.147		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	30.948		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	30.809		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.557		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.779		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.373		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.175		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.488		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.072		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	29.096		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK538	SDG No.:	BM080924
Lab Sample ID:	PB162538BL	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
BM047087.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.788		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	31.011		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	32.845		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.882		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230343	7.387				
1146-65-2	Naphthalene-d8	887976	10.145				
15067-26-2	Acenaphthene-d10	541951	14.039				
1517-22-2	Phenanthrene-d10	1078386	16.798				
1719-03-5	Chrysene-d12	901192	21.033				
1520-96-3	Perylene-d12	1024483	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W1	SDG No.:	BM080924
Lab Sample ID:	P3435-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047088.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47	U	47	23.7	240	ug/Kg
100-52-7	Benzaldehyde	270	U	270	300	1200	ug/Kg
110-86-1	Pyridine	150	U	150	590	1200	ug/Kg
108-95-2	Phenol	130	U	130	300	1200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	300	1200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	150	610	ug/Kg
95-48-7	2-Methylphenol	110	U	110	300	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97	U	97	300	1200	ug/Kg
98-86-2	Acetophenone	140	U	140	300	1200	ug/Kg
106-44-5	4-Methylphenol	110	U	110	300	1200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	150	610	ug/Kg
67-72-1	Hexachloroethane	82	U	82	150	610	ug/Kg
98-95-3	Nitrobenzene	130	U	130	150	610	ug/Kg
78-59-1	Isophorone	120	U	120	150	610	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	610	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	610	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	150	610	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	150	610	ug/Kg
91-20-3	Naphthalene	120	U	120	150	610	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	150	1200	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	150	610	ug/Kg
105-60-2	Caprolactam	430	U	430	300	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	150	610	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	150	610	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	150	610	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	U	280	300	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	150	610	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	150	610	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W1	SDG No.:	BM080924
Lab Sample ID:	P3435-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047088.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	170	U	170	150	610	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	150	610	ug/Kg
88-74-4	2-Nitroaniline	79	U	79	150	610	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	150	610	ug/Kg
606-20-2	2,6-Dinitrotoluene	75	U	75	150	610	ug/Kg
208-96-8	Acenaphthylene	150	U	150	150	610	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	300	1200	ug/Kg
83-32-9	Acenaphthene	150	U	150	150	610	ug/Kg
51-28-5	2,4-Dinitrophenol	430	U	430	300	1200	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	300	1200	ug/Kg
132-64-9	Dibenzofuran	160	U	160	150	610	ug/Kg
121-14-2	2,4-Dinitrotoluene	97	U	97	150	610	ug/Kg
84-66-2	Diethylphthalate	220	U	220	150	610	ug/Kg
86-73-7	Fluorene	160	U	160	150	610	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	170	150	610	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	300	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57	U	57	300	1200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	U	150	150	610	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	150	610	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	150	610	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	150	610	ug/Kg
1912-24-9	Atrazine	140	U	140	300	1200	ug/Kg
87-86-5	Pentachlorophenol	310	U	310	300	1200	ug/Kg
85-01-8	Phenanthrene	160	U	160	150	610	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	150	610	ug/Kg
120-12-7	Anthracene	150	U	150	150	610	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	150	610	ug/Kg
86-74-8	Carbazole	160	U	160	300	1200	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	150	610	ug/Kg
206-44-0	Fluoranthene	160	J	160	300	610	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W1	SDG No.:	BM080924
Lab Sample ID:	P3435-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047088.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	U	160	150	610	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	610	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	300	1200	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	150	610	ug/Kg
218-01-9	Chrysene	160	U	160	150	610	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	150	610	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	150	150	610	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	150	610	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	150	610	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	150	610	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	150	610	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	150	610	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	150	610	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.261		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	17.506		20-120		44	SPK: -40
4165-62-2	Phenol-d5	21.77		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.979		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.671		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	21.811		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	21.006		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.117		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.413		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.018		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.399		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.688		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.262		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	22.247		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W1	SDG No.:	BM080924
Lab Sample ID:	P3435-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047088.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.583		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	23.987		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.118		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.827		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196972	7.387				
1146-65-2	Naphthalene-d8	769162	10.145				
15067-26-2	Acenaphthene-d10	469558	14.039				
1517-22-2	Phenanthrene-d10	943812	16.804				
1719-03-5	Chrysene-d12	834979	21.033				
1520-96-3	Perylene-d12	1003395	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	390	J			10.904	
E966796	Total Alkanes	170	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W3	SDG No.:	BM080924
Lab Sample ID:	P3435-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.9
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
BM047089.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9	91	ug/Kg
100-52-7	Benzaldehyde	100	U	100	110	450	ug/Kg
110-86-1	Pyridine	59	U	59	220	450	ug/Kg
108-95-2	Phenol	48	U	48	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	450	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	57.9	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	110	450	ug/Kg
98-86-2	Acetophenone	52	U	52	110	450	ug/Kg
106-44-5	4-Methylphenol	44	U	44	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	57.9	230	ug/Kg
67-72-1	Hexachloroethane	31	U	31	57.9	230	ug/Kg
98-95-3	Nitrobenzene	49	U	49	57.9	230	ug/Kg
78-59-1	Isophorone	46	U	46	57.9	230	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	57.9	230	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	57.9	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	57.9	230	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	57.9	230	ug/Kg
91-20-3	Naphthalene	46	U	46	57.9	230	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	57.9	450	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	57.9	230	ug/Kg
105-60-2	Caprolactam	160	U	160	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	57.9	230	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	57.9	230	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	57.9	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	57.9	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	57.9	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W3	SDG No.:	BM080924
Lab Sample ID:	P3435-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.9
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
BM047089.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	U	65	57.9	230	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	57.9	230	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	57.9	230	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	57.9	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	57.9	230	ug/Kg
208-96-8	Acenaphthylene	59	U	59	57.9	230	ug/Kg
99-09-2	3-Nitroaniline	27	U	27	110	450	ug/Kg
83-32-9	Acenaphthene	56	U	56	57.9	230	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	450	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	450	ug/Kg
132-64-9	Dibenzofuran	63	U	63	57.9	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	57.9	230	ug/Kg
84-66-2	Diethylphthalate	82	U	82	57.9	230	ug/Kg
86-73-7	Fluorene	61	U	61	57.9	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	64	57.9	230	ug/Kg
100-01-6	4-Nitroaniline	57	U	57	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	57.9	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	57.9	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	61	57.9	230	ug/Kg
118-74-1	Hexachlorobenzene	68	U	68	57.9	230	ug/Kg
1912-24-9	Atrazine	53	U	53	110	450	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	450	ug/Kg
85-01-8	Phenanthrene	60	U	60	57.9	230	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	57.9	230	ug/Kg
120-12-7	Anthracene	59	U	59	57.9	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	45	U	45	57.9	230	ug/Kg
86-74-8	Carbazole	61	U	61	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	57.9	230	ug/Kg
206-44-0	Fluoranthene	60	U	60	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W3	SDG No.:	BM080924
Lab Sample ID:	P3435-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.9
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
BM047089.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	57.9	230	ug/Kg
85-68-7	Butylbenzylphthalate	44	U	44	57.9	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	53	57.9	230	ug/Kg
218-01-9	Chrysene	61	U	61	57.9	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	57.9	230	ug/Kg
117-84-0	Di-n-octyl phthalate	46	U	46	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	57.9	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	61	U	61	57.9	230	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	57.9	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	57.9	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	57.9	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	57.9	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	57.9	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.994		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	16.057		20-120		40	SPK: -40
4165-62-2	Phenol-d5	18.934		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.122		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.308		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	18.983		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	16.676		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.566		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.233		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.858		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.889		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.507		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.694		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	18.333		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W3	SDG No.:	BM080924
Lab Sample ID:	P3435-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.9
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
BM047089.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.158		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	19.339		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.478		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.24		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	249793	7.387				
1146-65-2	Naphthalene-d8	998868	10.139				
15067-26-2	Acenaphthene-d10	621789	14.039				
1517-22-2	Phenanthrene-d10	1283276	16.804				
1719-03-5	Chrysene-d12	1100696	21.033				
1520-96-3	Perylene-d12	1341804	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	150	J			10.904	
E966796	Total Alkanes	65	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W6	SDG No.:	BM080924
Lab Sample ID:	P3435-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	86.5
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
BM047090.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	96	U	96	48.9	490	ug/Kg
100-52-7	Benzaldehyde	560	U	560	610	2400	ug/Kg
110-86-1	Pyridine	320	U	320	1200	2400	ug/Kg
108-95-2	Phenol	260	U	260	610	2400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	250	U	250	610	2400	ug/Kg
95-57-8	2-Chlorophenol	210	U	210	310	1300	ug/Kg
95-48-7	2-Methylphenol	220	U	220	610	2400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	610	2400	ug/Kg
98-86-2	Acetophenone	280	U	280	610	2400	ug/Kg
106-44-5	4-Methylphenol	240	U	240	610	2400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	210	U	210	310	1300	ug/Kg
67-72-1	Hexachloroethane	170	U	170	310	1300	ug/Kg
98-95-3	Nitrobenzene	270	U	270	310	1300	ug/Kg
78-59-1	Isophorone	250	U	250	310	1300	ug/Kg
88-75-5	2-Nitrophenol	240	U	240	310	1300	ug/Kg
105-67-9	2,4-Dimethylphenol	210	U	210	310	1300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	280	U	280	310	1300	ug/Kg
120-83-2	2,4-Dichlorophenol	290	U	290	310	1300	ug/Kg
91-20-3	Naphthalene	250	U	250	310	1300	ug/Kg
106-47-8	4-Chloroaniline	320	U	320	310	2400	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	310	1300	ug/Kg
105-60-2	Caprolactam	890	U	890	610	2400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	210	U	210	310	1300	ug/Kg
90-12-0	1-Methylnaphthalene	300	U	300	310	1300	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	310	1300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	590	U	590	610	2400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	320	U	320	310	1300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	310	U	310	310	1300	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W6	SDG No.:	BM080924
Lab Sample ID:	P3435-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	86.5
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
BM047090.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	360	U	360	310	1300	ug/Kg
91-58-7	2-Chloronaphthalene	330	U	330	310	1300	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	310	1300	ug/Kg
131-11-3	Dimethylphthalate	310	U	310	310	1300	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	310	1300	ug/Kg
208-96-8	Acenaphthylene	320	U	320	310	1300	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	610	2400	ug/Kg
83-32-9	Acenaphthene	300	U	300	310	1300	ug/Kg
51-28-5	2,4-Dinitrophenol	890	U	890	610	2400	ug/Kg
100-02-7	4-Nitrophenol	300	U	300	610	2400	ug/Kg
132-64-9	Dibenzofuran	340	U	340	310	1300	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	200	310	1300	ug/Kg
84-66-2	Diethylphthalate	440	U	440	310	1300	ug/Kg
86-73-7	Fluorene	330	U	330	310	1300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	350	U	350	310	1300	ug/Kg
100-01-6	4-Nitroaniline	310	U	310	610	2400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	610	2400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	310	U	310	310	1300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	310	1300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	310	1300	ug/Kg
118-74-1	Hexachlorobenzene	370	U	370	310	1300	ug/Kg
1912-24-9	Atrazine	290	U	290	610	2400	ug/Kg
87-86-5	Pentachlorophenol	640	U	640	610	2400	ug/Kg
85-01-8	Phenanthrene	330	U	330	310	1300	ug/Kg
608-93-5	Pentachlorobenzene	380	U	380	310	1300	ug/Kg
120-12-7	Anthracene	320	U	320	310	1300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	240	U	240	310	1300	ug/Kg
86-74-8	Carbazole	330	U	330	610	2400	ug/Kg
84-74-2	Di-n-butylphthalate	310	U	310	310	1300	ug/Kg
206-44-0	Fluoranthene	330	U	330	610	1300	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W6	SDG No.:	BM080924
Lab Sample ID:	P3435-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	86.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047090.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	330	U	330	310	1300	ug/Kg
85-68-7	Butylbenzylphthalate	240	U	240	310	1300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	610	2400	ug/Kg
56-55-3	Benzo(a)anthracene	290	U	290	310	1300	ug/Kg
218-01-9	Chrysene	330	U	330	310	1300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	330	U	330	310	1300	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	610	2400	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	U	310	310	1300	ug/Kg
207-08-9	Benzo(k)fluoranthene	330	U	330	310	1300	ug/Kg
50-32-8	Benzo(a)pyrene	310	U	310	310	1300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	270	310	1300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	310	1300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	310	1300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	270	U	270	310	1300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.977		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	15.693		20-120		39	SPK: -40
4165-62-2	Phenol-d5	17.973		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.47		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.611		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	19.411		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	18.703		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.676		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.56		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.218		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.778		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.688		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.92	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	20.082		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W6	SDG No.:	BM080924
Lab Sample ID:	P3435-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	86.5
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
BM047090.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.612	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	21.637		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.719		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.846		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	240791	7.387				
1146-65-2	Naphthalene-d8	940123	10.145				
15067-26-2	Acenaphthene-d10	573406	14.039				
1517-22-2	Phenanthrene-d10	1148305	16.798				
1719-03-5	Chrysene-d12	1002609	21.033				
1520-96-3	Perylene-d12	1220259	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	710	J			10.904	
E966796	Total Alkanes	360	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8	SDG No.:	BM080924
Lab Sample ID:	P3435-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
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
BM047091.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9.2	93	ug/Kg
100-52-7	Benzaldehyde	100	U	100	120	460	ug/Kg
110-86-1	Pyridine	60	U	60	230	460	ug/Kg
108-95-2	Phenol	49	U	49	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	120	460	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	59.3	240	ug/Kg
95-48-7	2-Methylphenol	42	U	42	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	120	460	ug/Kg
98-86-2	Acetophenone	53	U	53	120	460	ug/Kg
106-44-5	4-Methylphenol	45	U	45	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	59.3	240	ug/Kg
67-72-1	Hexachloroethane	32	U	32	59.3	240	ug/Kg
98-95-3	Nitrobenzene	50	U	50	59.3	240	ug/Kg
78-59-1	Isophorone	47	U	47	59.3	240	ug/Kg
88-75-5	2-Nitrophenol	45	U	45	59.3	240	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	59.3	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	59.3	240	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	59.3	240	ug/Kg
91-20-3	Naphthalene	47	U	47	59.3	240	ug/Kg
106-47-8	4-Chloroaniline	60	U	60	59.3	460	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	59.3	240	ug/Kg
105-60-2	Caprolactam	170	U	170	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	59.3	240	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	59.3	240	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	59.3	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	59.3	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	59.3	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8	SDG No.:	BM080924
Lab Sample ID:	P3435-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
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
BM047091.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	67	U	67	59.3	240	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	59.3	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	59.3	240	ug/Kg
131-11-3	Dimethylphthalate	59	U	59	59.3	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	59.3	240	ug/Kg
208-96-8	Acenaphthylene	60	U	60	59.3	240	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	120	460	ug/Kg
83-32-9	Acenaphthene	57	U	57	59.3	240	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	120	460	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	120	460	ug/Kg
132-64-9	Dibenzofuran	64	U	64	59.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	59.3	240	ug/Kg
84-66-2	Diethylphthalate	84	U	84	59.3	240	ug/Kg
86-73-7	Fluorene	63	U	63	59.3	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66	U	66	59.3	240	ug/Kg
100-01-6	4-Nitroaniline	59	U	59	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	59.3	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	71	U	71	59.3	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	59.3	240	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	59.3	240	ug/Kg
1912-24-9	Atrazine	54	U	54	120	460	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	120	460	ug/Kg
85-01-8	Phenanthrene	61	U	61	59.3	240	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	59.3	240	ug/Kg
120-12-7	Anthracene	60	U	60	59.3	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	46	U	46	59.3	240	ug/Kg
86-74-8	Carbazole	63	U	63	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	59.3	240	ug/Kg
206-44-0	Fluoranthene	61	U	61	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8	SDG No.:	BM080924
Lab Sample ID:	P3435-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
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
BM047091.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	59.3	240	ug/Kg
85-68-7	Butylbenzylphthalate	45	U	45	59.3	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	54	59.3	240	ug/Kg
218-01-9	Chrysene	63	U	63	59.3	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61	U	61	59.3	240	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	59.3	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	U	63	59.3	240	ug/Kg
50-32-8	Benzo(a)pyrene	59	U	59	59.3	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	59.3	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	59.3	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	59.3	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	59.3	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.716		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	20.364		20-120		51	SPK: -40
4165-62-2	Phenol-d5	24.95		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.898		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.226		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	25.014		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	21.08		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.063		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.476		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.004		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.867		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.897		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.139		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	24.075		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8	SDG No.:	BM080924
Lab Sample ID:	P3435-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
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
BM047091.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.394		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	25.907		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.803		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.993		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218706	7.387				
1146-65-2	Naphthalene-d8	869417	10.139				
15067-26-2	Acenaphthene-d10	546158	14.045				
1517-22-2	Phenanthrene-d10	1129198	16.798				
1719-03-5	Chrysene-d12	992496	21.033				
1520-96-3	Perylene-d12	1200107	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	150	J			10.904	
000057-10-3	n-Hexadecanoic acid	130	J			17.739	
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8MS	SDG No.:	BM080924
Lab Sample ID:	P3435-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047092.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470		18	9.2	93	ug/Kg
100-52-7	Benzaldehyde	1600		100	120	460	ug/Kg
110-86-1	Pyridine	1400		60	230	460	ug/Kg
108-95-2	Phenol	1500		49	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		47	120	460	ug/Kg
95-57-8	2-Chlorophenol	1400		39	59.3	240	ug/Kg
95-48-7	2-Methylphenol	1500		42	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		38	120	460	ug/Kg
98-86-2	Acetophenone	1400		53	120	460	ug/Kg
106-44-5	4-Methylphenol	1500		45	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		40	59.3	240	ug/Kg
67-72-1	Hexachloroethane	1300		32	59.3	240	ug/Kg
98-95-3	Nitrobenzene	1300		50	59.3	240	ug/Kg
78-59-1	Isophorone	1400		47	59.3	240	ug/Kg
88-75-5	2-Nitrophenol	1400		45	59.3	240	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		39	59.3	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		53	59.3	240	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		54	59.3	240	ug/Kg
91-20-3	Naphthalene	1300		47	59.3	240	ug/Kg
106-47-8	4-Chloroaniline	1300		60	59.3	460	ug/Kg
87-68-3	Hexachlorobutadiene	1100		47	59.3	240	ug/Kg
105-60-2	Caprolactam	1500		170	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		39	59.3	240	ug/Kg
90-12-0	1-Methylnaphthalene	1400		57	59.3	240	ug/Kg
91-57-6	2-Methylnaphthalene	1400		52	59.3	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	810		110	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		60	59.3	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		59	59.3	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8MS	SDG No.:	BM080924
Lab Sample ID:	P3435-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047092.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		67	59.3	240	ug/Kg
91-58-7	2-Chloronaphthalene	1400		63	59.3	240	ug/Kg
88-74-4	2-Nitroaniline	1500		31	59.3	240	ug/Kg
131-11-3	Dimethylphthalate	1400		59	59.3	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		29	59.3	240	ug/Kg
208-96-8	Acenaphthylene	1400		60	59.3	240	ug/Kg
99-09-2	3-Nitroaniline	1600		28	120	460	ug/Kg
83-32-9	Acenaphthene	1400		57	59.3	240	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		170	120	460	ug/Kg
100-02-7	4-Nitrophenol	1200		57	120	460	ug/Kg
132-64-9	Dibenzofuran	1300		64	59.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		38	59.3	240	ug/Kg
84-66-2	Diethylphthalate	1300		84	59.3	240	ug/Kg
86-73-7	Fluorene	1400		63	59.3	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		66	59.3	240	ug/Kg
100-01-6	4-Nitroaniline	1700		59	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		22	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		59	59.3	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		71	59.3	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		63	59.3	240	ug/Kg
118-74-1	Hexachlorobenzene	1400		70	59.3	240	ug/Kg
1912-24-9	Atrazine	1100		54	120	460	ug/Kg
87-86-5	Pentachlorophenol	1300		120	120	460	ug/Kg
85-01-8	Phenanthrene	1400		61	59.3	240	ug/Kg
608-93-5	Pentachlorobenzene	1200		71	59.3	240	ug/Kg
120-12-7	Anthracene	1400		60	59.3	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		46	59.3	240	ug/Kg
86-74-8	Carbazole	1400		63	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	1400		59	59.3	240	ug/Kg
206-44-0	Fluoranthene	1500		61	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8MS	SDG No.:	BM080924
Lab Sample ID:	P3435-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
Sample Wt/Vol:	30.09	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
BM047092.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		61	59.3	240	ug/Kg
85-68-7	Butylbenzylphthalate	1600		45	59.3	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		32	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	1400		54	59.3	240	ug/Kg
218-01-9	Chrysene	1400		63	59.3	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		61	59.3	240	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		47	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		59	59.3	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		63	59.3	240	ug/Kg
50-32-8	Benzo(a)pyrene	1400		59	59.3	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		52	59.3	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		52	59.3	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		49	59.3	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		52	59.3	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.494		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	18.945		20-120		47	SPK: -40
4165-62-2	Phenol-d5	24.809		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.927		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.922		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	25.023		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	20.697		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.865		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.041		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.063		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.054		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.454		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.457		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	23.592		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8MS	SDG No.:	BM080924
Lab Sample ID:	P3435-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047092.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.318		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	24.339		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	26.204		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.816		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234962	7.386				
1146-65-2	Naphthalene-d8	956664	10.145				
15067-26-2	Acenaphthene-d10	633617	14.045				
1517-22-2	Phenanthrene-d10	1361136	16.804				
1719-03-5	Chrysene-d12	1167976	21.039				
1520-96-3	Perylene-d12	1357479	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8MSD	SDG No.:	BM080924
Lab Sample ID:	P3435-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
Sample Wt/Vol:	30.08	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
BM047093.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	650		18	9.2	93	ug/Kg
100-52-7	Benzaldehyde	2100		100	120	460	ug/Kg
110-86-1	Pyridine	1800		60	230	460	ug/Kg
108-95-2	Phenol	2100		49	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2000		47	120	460	ug/Kg
95-57-8	2-Chlorophenol	2000		39	59.4	240	ug/Kg
95-48-7	2-Methylphenol	2100		42	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2200		38	120	460	ug/Kg
98-86-2	Acetophenone	2000		53	120	460	ug/Kg
106-44-5	4-Methylphenol	2100		45	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000		41	59.4	240	ug/Kg
67-72-1	Hexachloroethane	1700		32	59.4	240	ug/Kg
98-95-3	Nitrobenzene	1800		50	59.4	240	ug/Kg
78-59-1	Isophorone	1900		47	59.4	240	ug/Kg
88-75-5	2-Nitrophenol	2000		45	59.4	240	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		39	59.4	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1900		53	59.4	240	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		54	59.4	240	ug/Kg
91-20-3	Naphthalene	1800		47	59.4	240	ug/Kg
106-47-8	4-Chloroaniline	1700		60	59.4	460	ug/Kg
87-68-3	Hexachlorobutadiene	1600		47	59.4	240	ug/Kg
105-60-2	Caprolactam	2100		170	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		39	59.4	240	ug/Kg
90-12-0	1-Methylnaphthalene	1900		57	59.4	240	ug/Kg
91-57-6	2-Methylnaphthalene	1900		52	59.4	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		110	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		60	59.4	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		59	59.4	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8MSD	SDG No.:	BM080924
Lab Sample ID:	P3435-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047093.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1900		67	59.4	240	ug/Kg
91-58-7	2-Chloronaphthalene	1900		63	59.4	240	ug/Kg
88-74-4	2-Nitroaniline	2100		31	59.4	240	ug/Kg
131-11-3	Dimethylphthalate	1900		59	59.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		29	59.4	240	ug/Kg
208-96-8	Acenaphthylene	1900		60	59.4	240	ug/Kg
99-09-2	3-Nitroaniline	2200		28	120	460	ug/Kg
83-32-9	Acenaphthene	1900		57	59.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		170	120	460	ug/Kg
100-02-7	4-Nitrophenol	1700		57	120	460	ug/Kg
132-64-9	Dibenzofuran	1800		64	59.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		38	59.4	240	ug/Kg
84-66-2	Diethylphthalate	1800		84	59.4	240	ug/Kg
86-73-7	Fluorene	1800		63	59.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		66	59.4	240	ug/Kg
100-01-6	4-Nitroaniline	2300		59	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		22	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1900		59	59.4	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		71	59.4	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		63	59.4	240	ug/Kg
118-74-1	Hexachlorobenzene	1900		70	59.4	240	ug/Kg
1912-24-9	Atrazine	1600		54	120	460	ug/Kg
87-86-5	Pentachlorophenol	1800		120	120	460	ug/Kg
85-01-8	Phenanthrene	1900		61	59.4	240	ug/Kg
608-93-5	Pentachlorobenzene	1700		71	59.4	240	ug/Kg
120-12-7	Anthracene	1900		60	59.4	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800		46	59.4	240	ug/Kg
86-74-8	Carbazole	1900		63	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	1900		59	59.4	240	ug/Kg
206-44-0	Fluoranthene	2200		61	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8MSD	SDG No.:	BM080924
Lab Sample ID:	P3435-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047093.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2100		61	59.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	2200		45	59.4	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		32	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	2000		54	59.4	240	ug/Kg
218-01-9	Chrysene	2000		63	59.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		61	59.4	240	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		47	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		59	59.4	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		63	59.4	240	ug/Kg
50-32-8	Benzo(a)pyrene	2000		59	59.4	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		52	59.4	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		52	59.4	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		49	59.4	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		52	59.4	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.862		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	26.079		20-120		65	SPK: -40
4165-62-2	Phenol-d5	33.995		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.495		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.419		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	35.029		10-140		88	SPK: -40
4165-60-0	Nitrobenzene-d5	28.966		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.756		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.412		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.282		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.015		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.273		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.981		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	32.048		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W8MSD	SDG No.:	BM080924
Lab Sample ID:	P3435-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047093.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.61		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	32.817		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	37.238		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.901		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219210	7.387				
1146-65-2	Naphthalene-d8	890760	10.145				
15067-26-2	Acenaphthene-d10	585527	14.045				
1517-22-2	Phenanthrene-d10	1254075	16.804				
1719-03-5	Chrysene-d12	1038350	21.039				
1520-96-3	Perylene-d12	1201429	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X3	SDG No.:	BM080924
Lab Sample ID:	P3435-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.9
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
BM047094.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

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

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X3	SDG No.:	BM080924
Lab Sample ID:	P3435-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.9
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
BM047094.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

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

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X3	SDG No.:	BM080924
Lab Sample ID:	P3435-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.9
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
BM047094.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	78	U	78	75.5	300	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	75.5	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	69	U	69	75.5	300	ug/Kg
218-01-9	Chrysene	80	U	80	75.5	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	U	78	75.5	300	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	75	U	75	75.5	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	80	75.5	300	ug/Kg
50-32-8	Benzo(a)pyrene	75	U	75	75.5	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	U	66	75.5	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	75.5	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	62	75.5	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	75.5	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.056		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	10.999		20-120		27	SPK: -40
4165-62-2	Phenol-d5	13.089		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.939		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.578		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	12.897		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	11.853		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.768		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.812		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.161		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.151		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.764		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.107		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	12.532		20-140		31	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X3	SDG No.:	BM080924
Lab Sample ID:	P3435-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.9
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
BM047094.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.409		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	12.883		10-150		32	SPK: -40
1718-52-1	Pyrene-d10	13.786		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.88		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	275879	7.387				
1146-65-2	Naphthalene-d8	1086565	10.139				
15067-26-2	Acenaphthene-d10	685935	14.039				
1517-22-2	Phenanthrene-d10	1384207	16.798				
1719-03-5	Chrysene-d12	1162246	21.033				
1520-96-3	Perylene-d12	1320866	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	85	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y0	SDG No.:	BM080924
Lab Sample ID:	P3435-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	83.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047095.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	79	U	79	40.2	410	ug/Kg
100-52-7	Benzaldehyde	460	U	460	500	2000	ug/Kg
110-86-1	Pyridine	260	U	260	1000	2000	ug/Kg
108-95-2	Phenol	210	U	210	500	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	210	U	210	500	2000	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	260	1000	ug/Kg
95-48-7	2-Methylphenol	180	U	180	500	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	500	2000	ug/Kg
98-86-2	Acetophenone	230	U	230	500	2000	ug/Kg
106-44-5	4-Methylphenol	200	U	200	500	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	260	1000	ug/Kg
67-72-1	Hexachloroethane	140	U	140	260	1000	ug/Kg
98-95-3	Nitrobenzene	220	U	220	260	1000	ug/Kg
78-59-1	Isophorone	210	U	210	260	1000	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	260	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	170	260	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	230	U	230	260	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	260	1000	ug/Kg
91-20-3	Naphthalene	210	U	210	260	1000	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	260	2000	ug/Kg
87-68-3	Hexachlorobutadiene	210	U	210	260	1000	ug/Kg
105-60-2	Caprolactam	730	U	730	500	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	260	1000	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	260	1000	ug/Kg
91-57-6	2-Methylnaphthalene	230	U	230	260	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	500	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	U	260	260	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	260	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y0	SDG No.:	BM080924
Lab Sample ID:	P3435-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	83.6
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
BM047095.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	290	U	290	260	1000	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	260	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	260	1000	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	260	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	260	1000	ug/Kg
208-96-8	Acenaphthylene	260	U	260	260	1000	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	500	2000	ug/Kg
83-32-9	Acenaphthene	250	U	250	260	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	730	U	730	500	2000	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	500	2000	ug/Kg
132-64-9	Dibenzofuran	280	U	280	260	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	260	1000	ug/Kg
84-66-2	Diethylphthalate	370	U	370	260	1000	ug/Kg
86-73-7	Fluorene	270	U	270	260	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	260	1000	ug/Kg
100-01-6	4-Nitroaniline	260	U	260	500	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	500	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	260	U	260	260	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	260	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	260	1000	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	260	1000	ug/Kg
1912-24-9	Atrazine	240	U	240	500	2000	ug/Kg
87-86-5	Pentachlorophenol	530	U	530	500	2000	ug/Kg
85-01-8	Phenanthrene	270	U	270	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	310	U	310	260	1000	ug/Kg
120-12-7	Anthracene	260	U	260	260	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	200	U	200	260	1000	ug/Kg
86-74-8	Carbazole	270	U	270	500	2000	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	260	1000	ug/Kg
206-44-0	Fluoranthene	270	U	270	500	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y0	SDG No.:	BM080924
Lab Sample ID:	P3435-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	83.6
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
BM047095.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270	U	270	260	1000	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	260	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	500	2000	ug/Kg
56-55-3	Benzo(a)anthracene	240	U	240	260	1000	ug/Kg
218-01-9	Chrysene	270	U	270	260	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	260	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	500	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	260	U	260	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	230	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	U	230	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	U	210	260	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	260	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.267		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	12.334		20-120		31	SPK: -40
4165-62-2	Phenol-d5	14.917		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.016		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.738		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	15.365		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	14.786		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.346		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.839		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.032		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.888		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	16.302		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.377	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	16.168		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y0	SDG No.:	BM080924
Lab Sample ID:	P3435-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	83.6
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
BM047095.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.885	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	17.173		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	17.942		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.023		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224712	7.387				
1146-65-2	Naphthalene-d8	867442	10.139				
15067-26-2	Acenaphthene-d10	528349	14.039				
1517-22-2	Phenanthrene-d10	1062102	16.798				
1719-03-5	Chrysene-d12	922953	21.033				
1520-96-3	Perylene-d12	1112549	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	450	J			17.739	
E966796	Total Alkanes	290	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y1	SDG No.:	BM080924
Lab Sample ID:	P3435-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047096.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	45	U	45	23.1	230	ug/Kg
100-52-7	Benzaldehyde	260	U	260	290	1200	ug/Kg
110-86-1	Pyridine	150	U	150	580	1200	ug/Kg
108-95-2	Phenol	120	U	120	290	1200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	290	1200	ug/Kg
95-57-8	2-Chlorophenol	98	U	98	150	590	ug/Kg
95-48-7	2-Methylphenol	100	U	100	290	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	94	U	94	290	1200	ug/Kg
98-86-2	Acetophenone	130	U	130	290	1200	ug/Kg
106-44-5	4-Methylphenol	110	U	110	290	1200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	150	590	ug/Kg
67-72-1	Hexachloroethane	80	U	80	150	590	ug/Kg
98-95-3	Nitrobenzene	130	U	130	150	590	ug/Kg
78-59-1	Isophorone	120	U	120	150	590	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	590	ug/Kg
105-67-9	2,4-Dimethylphenol	98	U	98	150	590	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	150	590	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	150	590	ug/Kg
91-20-3	Naphthalene	120	U	120	150	590	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	150	1200	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	150	590	ug/Kg
105-60-2	Caprolactam	420	U	420	290	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98	U	98	150	590	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	150	590	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	150	590	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	U	280	290	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	150	590	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	150	590	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y1	SDG No.:	BM080924
Lab Sample ID:	P3435-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047096.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	170	U	170	150	590	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	150	590	ug/Kg
88-74-4	2-Nitroaniline	77	U	77	150	590	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	150	590	ug/Kg
606-20-2	2,6-Dinitrotoluene	73	U	73	150	590	ug/Kg
208-96-8	Acenaphthylene	150	U	150	150	590	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	290	1200	ug/Kg
83-32-9	Acenaphthene	140	U	140	150	590	ug/Kg
51-28-5	2,4-Dinitrophenol	420	U	420	290	1200	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	290	1200	ug/Kg
132-64-9	Dibenzofuran	160	U	160	150	590	ug/Kg
121-14-2	2,4-Dinitrotoluene	94	U	94	150	590	ug/Kg
84-66-2	Diethylphthalate	210	U	210	150	590	ug/Kg
86-73-7	Fluorene	160	U	160	150	590	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	150	590	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	290	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	56	U	56	290	1200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	U	150	150	590	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	150	590	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	150	590	ug/Kg
118-74-1	Hexachlorobenzene	170	U	170	150	590	ug/Kg
1912-24-9	Atrazine	140	U	140	290	1200	ug/Kg
87-86-5	Pentachlorophenol	300	U	300	290	1200	ug/Kg
85-01-8	Phenanthrene	150	U	150	150	590	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	150	590	ug/Kg
120-12-7	Anthracene	150	U	150	150	590	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	150	590	ug/Kg
86-74-8	Carbazole	160	U	160	290	1200	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	150	590	ug/Kg
206-44-0	Fluoranthene	150	U	150	290	590	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y1	SDG No.:	BM080924
Lab Sample ID:	P3435-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047096.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	150	590	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	590	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	290	1200	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	150	590	ug/Kg
218-01-9	Chrysene	160	U	160	150	590	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	150	590	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	150	150	590	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	150	590	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	150	590	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	150	590	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	150	590	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	150	590	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	150	590	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.562		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	21.052		20-120		53	SPK: -40
4165-62-2	Phenol-d5	23.423		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.307		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.171		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	24.052		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	22.511		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.225		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.351		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.994		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.806		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.766		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.245		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	23.148		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y1	SDG No.:	BM080924
Lab Sample ID:	P3435-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047096.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.613		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	24.597		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.052		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.88		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235837	7.387				
1146-65-2	Naphthalene-d8	929448	10.14				
15067-26-2	Acenaphthene-d10	577406	14.039				
1517-22-2	Phenanthrene-d10	1159381	16.798				
1719-03-5	Chrysene-d12	1026732	21.033				
1520-96-3	Perylene-d12	1237862	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	230	J			10.904	
000057-10-3	n-Hexadecanoic acid	410	J			17.739	
000057-11-4	Octadecanoic acid	260	J			19.033	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	310	J			20.774	
	(DEL) Alkane: Straight-Chain	240	J			21.768	
E966796	Total Alkanes	240				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y3	SDG No.:	BM080924
Lab Sample ID:	P3435-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.3
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
BM047097.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	11.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	140	570	ug/Kg
110-86-1	Pyridine	74	U	74	290	570	ug/Kg
108-95-2	Phenol	60	U	60	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	140	570	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	73.4	290	ug/Kg
95-48-7	2-Methylphenol	52	U	52	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	140	570	ug/Kg
98-86-2	Acetophenone	66	U	66	140	570	ug/Kg
106-44-5	4-Methylphenol	55	U	55	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	50	U	50	73.4	290	ug/Kg
67-72-1	Hexachloroethane	40	U	40	73.4	290	ug/Kg
98-95-3	Nitrobenzene	62	U	62	73.4	290	ug/Kg
78-59-1	Isophorone	59	U	59	73.4	290	ug/Kg
88-75-5	2-Nitrophenol	55	U	55	73.4	290	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	73.4	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	73.4	290	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	67	73.4	290	ug/Kg
91-20-3	Naphthalene	59	U	59	73.4	290	ug/Kg
106-47-8	4-Chloroaniline	74	U	74	73.4	570	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	73.4	290	ug/Kg
105-60-2	Caprolactam	210	U	210	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	73.4	290	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	73.4	290	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	73.4	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74	U	74	73.4	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73	U	73	73.4	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y3	SDG No.:	BM080924
Lab Sample ID:	P3435-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.3
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
BM047097.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	83	U	83	73.4	290	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	73.4	290	ug/Kg
88-74-4	2-Nitroaniline	38	U	38	73.4	290	ug/Kg
131-11-3	Dimethylphthalate	73	U	73	73.4	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	73.4	290	ug/Kg
208-96-8	Acenaphthylene	74	U	74	73.4	290	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	140	570	ug/Kg
83-32-9	Acenaphthene	71	U	71	73.4	290	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	140	570	ug/Kg
100-02-7	4-Nitrophenol	71	U	71	140	570	ug/Kg
132-64-9	Dibenzofuran	79	U	79	73.4	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	73.4	290	ug/Kg
84-66-2	Diethylphthalate	100	U	100	73.4	290	ug/Kg
86-73-7	Fluorene	78	U	78	73.4	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	81	U	81	73.4	290	ug/Kg
100-01-6	4-Nitroaniline	73	U	73	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	28	U	28	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	73	U	73	73.4	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	88	U	88	73.4	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	73.4	290	ug/Kg
118-74-1	Hexachlorobenzene	86	U	86	73.4	290	ug/Kg
1912-24-9	Atrazine	67	U	67	140	570	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	140	570	ug/Kg
85-01-8	Phenanthrene	76	U	76	73.4	290	ug/Kg
608-93-5	Pentachlorobenzene	88	U	88	73.4	290	ug/Kg
120-12-7	Anthracene	74	U	74	73.4	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	73.4	290	ug/Kg
86-74-8	Carbazole	78	U	78	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	73.4	290	ug/Kg
206-44-0	Fluoranthene	76	U	76	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y3	SDG No.:	BM080924
Lab Sample ID:	P3435-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047097.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	76	U	76	73.4	290	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	73.4	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40	U	40	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	67	U	67	73.4	290	ug/Kg
218-01-9	Chrysene	78	U	78	73.4	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	76	U	76	73.4	290	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	73	U	73	73.4	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	78	73.4	290	ug/Kg
50-32-8	Benzo(a)pyrene	73	U	73	73.4	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	U	64	73.4	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	73.4	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	73.4	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	73.4	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.75		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	8.808		20-120		22	SPK: -40
4165-62-2	Phenol-d5	10.304		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.654		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.578		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	10.864		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	10.668		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.972		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.987		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.8		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.461		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.794		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.632	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	11.778		20-140		29	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y3	SDG No.:	BM080924
Lab Sample ID:	P3435-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.3
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
BM047097.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.891	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	12.413		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	13.257		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.372		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	267025	7.386				
1146-65-2	Naphthalene-d8	1027427	10.139				
15067-26-2	Acenaphthene-d10	632918	14.039				
1517-22-2	Phenanthrene-d10	1274153	16.798				
1719-03-5	Chrysene-d12	1097394	21.033				
1520-96-3	Perylene-d12	1319216	23.732				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	83	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS538	SDG No.:	BM080924
Lab Sample ID:	PB162538BS	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
BM047098.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	360		13	6.6	67	ug/Kg
110-86-1	Pyridine	1100		43	170	330	ug/Kg
100-52-7	Benzaldehyde	1100		75	82.5	330	ug/Kg
108-95-2	Phenol	1200		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		27	82.5	330	ug/Kg
98-86-2	Acetophenone	1100		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		36	42.5	170	ug/Kg
78-59-1	Isophorone	1100		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	840		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	950		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	890		34	42.5	170	ug/Kg
105-60-2	Caprolactam	1200		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	940		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS538	SDG No.:	BM080924
Lab Sample ID:	PB162538BS	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
BM047098.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	920		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	930		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		60	42.5	170	ug/Kg
86-73-7	Fluorene	1000		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	970		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		50	42.5	170	ug/Kg
1912-24-9	Atrazine	100	J	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	770		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	970		51	42.5	170	ug/Kg
120-12-7	Anthracene	1100		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		33	42.5	170	ug/Kg
86-74-8	Carbazole	1100		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS538	SDG No.:	BM080924
Lab Sample ID:	PB162538BS	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
BM047098.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		39	42.5	170	ug/Kg
218-01-9	Chrysene	1100		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	820		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.997		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	31.148		20-120		78	SPK: -40
4165-62-2	Phenol-d5	34.805		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.103		10-150		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.463		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	33.825		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	32.253		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.883		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.505		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.712		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.593		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.864		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.579		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	31.342		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS538	SDG No.:	BM080924
Lab Sample ID:	PB162538BS	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
BM047098.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.24		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	31.609		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	35.091		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.295		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	239356	7.387				
1146-65-2	Naphthalene-d8	967877	10.145				
15067-26-2	Acenaphthene-d10	637759	14.045				
1517-22-2	Phenanthrene-d10	1339029	16.804				
1719-03-5	Chrysene-d12	1141318	21.039				
1520-96-3	Perylene-d12	1369054	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK448	SDG No.:	BM080924
Lab Sample ID:	PB162448BL	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
BM047100.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK448	SDG No.:	BM080924
Lab Sample ID:	PB162448BL	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
BM047100.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK448	SDG No.:	BM080924
Lab Sample ID:	PB162448BL	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
BM047100.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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	5.73		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	28.976		20-120		72	SPK: -40
4165-62-2	Phenol-d5	30.693		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.046		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.398		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	29.517		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	28.759		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.279		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.735		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.061		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.126		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.471		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.762		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	27.2		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK448	SDG No.:	BM080924
Lab Sample ID:	PB162448BL	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
BM047100.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.102		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	28.837		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	31.185		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.722		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225888	7.387				
1146-65-2	Naphthalene-d8	879328	10.139				
15067-26-2	Acenaphthene-d10	544038	14.039				
1517-22-2	Phenanthrene-d10	1093784	16.798				
1719-03-5	Chrysene-d12	905747	21.033				
1520-96-3	Perylene-d12	1016345	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z2	SDG No.:	BM080924
Lab Sample ID:	P3434-11	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
BM047101.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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	140	J	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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z2	SDG No.:	BM080924
Lab Sample ID:	P3434-11	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
BM047101.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z2	SDG No.:	BM080924
Lab Sample ID:	P3434-11	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
BM047101.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	71	J	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	86	J	39	42.5	170	ug/Kg
218-01-9	Chrysene	130	J	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	83	J	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	96	J	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	49	J	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	1.425		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	1.49	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	9.022		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.361		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.299		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	8.584		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	8.151		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.298		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.267		10-140		18	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.402		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.273		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.576		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.145		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	8.7		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z2	SDG No.:	BM080924
Lab Sample ID:	P3434-11	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
BM047101.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.41	*	10-130		4	SPK: -40
1719-06-8	Anthracene-d10	8.915		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	6.908		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.507		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215548	7.387				
1146-65-2	Naphthalene-d8	857674	10.139				
15067-26-2	Acenaphthene-d10	523949	14.039				
1517-22-2	Phenanthrene-d10	1057563	16.798				
1719-03-5	Chrysene-d12	1072994	21.033				
1520-96-3	Perylene-d12	1422147	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
002381-21-7	Pyrene, 1-methyl-	120	J			19.903	
000084-15-1	o-Terphenyl	70	J			20.503	
000787-61-1	2,2-Bi-1H-indene	100	J			20.592	
1000383-16-5	Carbonic acid, decyl hexadecyl est	73	J			20.774	
000480-39-7	4H-1-Benzopyran-4-one, 2,3-dihydro	1200	J			20.962	
000606-97-3	1,1-Biphenyl, 2-(phenylmethyl)-	73	J			21.156	
	unknown-01	91	J			21.486	
003351-28-8	Chrysene, 1-methyl-	330	J			21.662	
003351-32-4	2-Methylchrysene	130	J			21.721	
	unknown-02	880	J			21.797	
000480-40-0	Chrysin	110	J			22.062	
000057-97-6	7,12-Dimethylbenz[a]anthracene	71	J			22.28	
000316-51-8	3,9-Dimethylbenz[a]anthracene	86	J			22.386	
000317-64-6	Benz(a)anthracene, 6,8-dimethyl-	270	J			22.456	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z3	SDG No.:	BM080924
Lab Sample ID:	P3434-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047102.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z3	SDG No.:	BM080924
Lab Sample ID:	P3434-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047102.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z3	SDG No.:	BM080924
Lab Sample ID:	P3434-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047102.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.4	170	ug/Kg
218-01-9	Chrysene	71	J	45	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	J	42	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.357		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	1.486	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	8.793		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.6		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.383		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	7.207		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	8.041		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.747		10-120		19	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.896		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.546		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.333		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.72		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.846		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	8.764		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z3	SDG No.:	BM080924
Lab Sample ID:	P3434-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047102.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.535		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	8.687		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.748		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.403		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	257898	7.387				
1146-65-2	Naphthalene-d8	999045	10.139				
15067-26-2	Acenaphthene-d10	613957	14.039				
1517-22-2	Phenanthrene-d10	1247822	16.798				
1719-03-5	Chrysene-d12	1107496	21.033				
1520-96-3	Perylene-d12	1276174	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	220	J			17.739	
000057-11-4	Octadecanoic acid	150	J			19.039	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	88	J			20.774	
	(DEL) Alkane: Straight-Chain21.250	86	J			21.25	
	(DEL) Alkane: Straight-Chain21.774	150	J			21.774	
067860-04-2	Oxirane, heptadecyl-	86	J			22.639	
	(DEL) Alkane: Straight-Chain23.015	210	J			23.015	
	(DEL) Alkane: Straight-Chain23.080	170	J			23.08	
E966796	Total Alkanes	620				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z4	SDG No.:	BM080924
Lab Sample ID:	P3434-13	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
BM047103.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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	47	J	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	150	J	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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z4	SDG No.:	BM080924
Lab Sample ID:	P3434-13	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
BM047103.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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	330		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	130	J	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	1100		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z4	SDG No.:	BM080924
Lab Sample ID:	P3434-13	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
BM047103.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	680		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	620		39	42.5	170	ug/Kg
218-01-9	Chrysene	580		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	900		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	350		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	360		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	J	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	1.374		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	1.114	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	9.309		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.145		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.951		15-120		22	SPK: -40
190780-66-6	4-Methylphenol-d8	8.614		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	8.592		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.333		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.351		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.098		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.611		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	9.082		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.208		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	9.14		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z4	SDG No.:	BM080924
Lab Sample ID:	P3434-13	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
BM047103.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.026		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	9.255		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	8.301		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.633		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	255414	7.387				
1146-65-2	Naphthalene-d8	997752	10.139				
15067-26-2	Acenaphthene-d10	621775	14.039				
1517-22-2	Phenanthrene-d10	1273976	16.798				
1719-03-5	Chrysene-d12	1092200	21.033				
1520-96-3	Perylene-d12	1266381	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	78	J			17.674	
000613-12-7	Anthracene, 2-methyl-	180	J			17.733	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			17.868	
005737-13-3	Cyclopenta(def)phenanthrenone	86	J			18.751	
002498-76-2	Benz[a]anthracene, 2-methyl-	98	J			21.662	
	(DEL) Alkane: Straight-Chain21.174	110	J			21.774	
	unknown-01	92	J			22.456	
	(DEL) Alkane: Straight-Chain23.015	340	J			23.015	
000192-97-2	Benzo[e]pyrene	110	J			23.486	
E966796	Total Alkanes	450				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E0601	SDG No.:	BM080924
Lab Sample ID:	P3434-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047104.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E0601	SDG No.:	BM080924
Lab Sample ID:	P3434-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047104.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.4	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.2	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.2	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.4	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.4	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.4	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.2	330	ug/Kg
85-01-8	Phenanthrene	46	J	44	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.4	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.4	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.4	170	ug/Kg
206-44-0	Fluoranthene	89	J	44	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E0601	SDG No.:	BM080924
Lab Sample ID:	P3434-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047104.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	81	J	44	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	43	J	39	42.4	170	ug/Kg
218-01-9	Chrysene	56	J	45	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	83	J	42	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	J	42	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	J	37	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	J	35	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.184		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	17.034		20-120		43	SPK: -40
4165-62-2	Phenol-d5	21.91		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.139		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.194		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	21.945		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	20.312		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.11		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.105		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.213		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.377		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	22.04		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.733		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	21.306		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E0601	SDG No.:	BM080924
Lab Sample ID:	P3434-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047104.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.153		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	21.317		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	22.786		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.313		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	278021	7.387				
1146-65-2	Naphthalene-d8	1087889	10.14				
15067-26-2	Acenaphthene-d10	703851	14.039				
1517-22-2	Phenanthrene-d10	1485923	16.798				
1719-03-5	Chrysene-d12	1296704	21.033				
1520-96-3	Perylene-d12	1445586	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	75	J			10.898	
682751-34-4	6-Pentadecenoic acid, 13-methyl-,	100	J			17.674	
000057-10-3	n-Hexadecanoic acid	470	J			17.739	
000057-11-4	Octadecanoic acid	120	J			19.039	
1000319-48-6	2,1-Benzisoxazole, 6-chloro-3-(2-t	74	J			20.433	
1000406-04-8	Pentadecafluorooctanoic acid, octa	290	J			20.774	
	(DEL) Alkane: Cyclic	21.792	J			21.792	
	(DEL) Alkane: Straight-Chain	23.015	J			23.015	
000661-19-8	Behenic alcohol	170	J			23.074	
002004-39-9	1-Heptacosanol	220	J			24.827	
E966796	Total Alkanes	450				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X1	SDG No.:	BM080924
Lab Sample ID:	P3434-16	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
BM047105.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X1	SDG No.:	BM080924
Lab Sample ID:	P3434-16	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
BM047105.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X1	SDG No.:	BM080924
Lab Sample ID:	P3434-16	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
BM047105.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.197		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	17.726		20-120		44	SPK: -40
4165-62-2	Phenol-d5	21.991		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.244		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.559		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	21.211		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	20.891		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.518		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.753		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.587		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.441		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	21.886		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.884		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	20.863		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X1	SDG No.:	BM080924
Lab Sample ID:	P3434-16	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
BM047105.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.833		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.469		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.541		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.166		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300235	7.386				
1146-65-2	Naphthalene-d8	1169480	10.139				
15067-26-2	Acenaphthene-d10	736754	14.039				
1517-22-2	Phenanthrene-d10	1497295	16.798				
1719-03-5	Chrysene-d12	1292151	21.033				
1520-96-3	Perylene-d12	1463113	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	77	J			10.898	
000057-10-3	n-Hexadecanoic acid	190	J			17.739	
015594-90-8	1-Heneicosanol	140	J			20.774	
006222-03-3	Trifluoroacetoxy hexadecane	83	J			21.791	
081654-73-1	D-Friedoolean-14-en-3-ol	410	J			27.138	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X0	SDG No.:	BM080924
Lab Sample ID:	P3434-08	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
BM047106.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X0	SDG No.:	BM080924
Lab Sample ID:	P3434-08	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
BM047106.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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	56	J	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X0	SDG No.:	BM080924
Lab Sample ID:	P3434-08	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
BM047106.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	J	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	J	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	56	J	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.041		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	17.091		20-120		43	SPK: -40
4165-62-2	Phenol-d5	23.06		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.18		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.384		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	22.62		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	22.444		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.142		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.907		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.158		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.552		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	24.125		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.989		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	23.537		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X0	SDG No.:	BM080924
Lab Sample ID:	P3434-08	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
BM047106.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.405		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	23.785		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.809		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.584		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	289821	7.387				
1146-65-2	Naphthalene-d8	1115480	10.139				
15067-26-2	Acenaphthene-d10	711559	14.039				
1517-22-2	Phenanthrene-d10	1462181	16.798				
1719-03-5	Chrysene-d12	1292605	21.033				
1520-96-3	Perylene-d12	1449417	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	79	J			10.898	
000057-10-3	n-Hexadecanoic acid	300	J			17.739	
055249-41-7	1-(4-(Isobutyryloxy)-3-methoxyphen	93	J			18.227	
000057-11-4	Octadecanoic acid	110	J			19.039	
015594-90-8	1-Heneicosanol	380	J			20.774	
	(DEL) Alkane: Straight-Chain	21.792	J			21.792	
000629-80-1	Hexadecanal	67	J			22.639	
	(DEL) Alkane: Straight-Chain	23.015	J			23.015	
	(DEL) Alkane: Straight-Chain	23.074	J			23.074	
137235-51-9	1,2,4,8-Tetramethylbicyclo[6.3.0]u	2400	J			27.144	
E966796	Total Alkanes	530				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W9	SDG No.:	BM080924
Lab Sample ID:	P3434-07	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
BM047107.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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	37	J	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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W9	SDG No.:	BM080924
Lab Sample ID:	P3434-07	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
BM047107.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W9	SDG No.:	BM080924
Lab Sample ID:	P3434-07	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
BM047107.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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	4.117		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	24.029		20-120		60	SPK: -40
4165-62-2	Phenol-d5	30.015		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.052		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.125		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	29.158		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	28.546		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.955		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.39		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.582		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.327		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.743		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.692		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	28.676		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W9	SDG No.:	BM080924
Lab Sample ID:	P3434-07	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
BM047107.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.308		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	21.396		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	30.272		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.502		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244089	7.387				
1146-65-2	Naphthalene-d8	963418	10.139				
15067-26-2	Acenaphthene-d10	608162	14.039				
1517-22-2	Phenanthrene-d10	1237557	16.798				
1719-03-5	Chrysene-d12	1070902	21.033				
1520-96-3	Perylene-d12	1031402	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.499	
017612-35-0	Oxirane, 2,2-dimethyl-3-propyl-	200	J			8.01	
	(DEL) Alkane: Straight-Chain8.610	1400	J			8.61	
000770-35-4	1-Phenoxypropan-2-ol	120	J			10.898	
010030-73-6	(E)-Hexadec-9-enoic acid	73	J			17.674	
000057-10-3	n-Hexadecanoic acid	300	J			17.739	
	unknown-02	73	J			18.192	
116345-94-9	Ethanone, 1-[4-methoxy-3-(4-methyl	530	J			19.433	
1000282-98-2	Dichloroacetic acid, heptadecyl es	170	J			20.774	
E966796	Total Alkanes	1400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X5	SDG No.:	BM080924
Lab Sample ID:	P3435-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047108.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.7	87	ug/Kg
100-52-7	Benzaldehyde	98	U	98	110	430	ug/Kg
110-86-1	Pyridine	56	U	56	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	55.8	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	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	55.8	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	55.8	220	ug/Kg
98-95-3	Nitrobenzene	47	U	47	55.8	220	ug/Kg
78-59-1	Isophorone	45	U	45	55.8	220	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	55.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	55.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	55.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	55.8	220	ug/Kg
91-20-3	Naphthalene	45	U	45	55.8	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	55.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55.8	220	ug/Kg
105-60-2	Caprolactam	160	U	160	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	55.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	55.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	55.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	55.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	55.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X5	SDG No.:	BM080924
Lab Sample ID:	P3435-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047108.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	55.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	55.8	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.8	220	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	55.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	55.8	220	ug/Kg
208-96-8	Acenaphthylene	56	U	56	55.8	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	430	ug/Kg
83-32-9	Acenaphthene	54	U	54	55.8	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	60	U	60	55.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	55.8	220	ug/Kg
84-66-2	Diethylphthalate	79	U	79	55.8	220	ug/Kg
86-73-7	Fluorene	59	U	59	55.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	55.8	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	55.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	55.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	55.8	220	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	55.8	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	58	U	58	55.8	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	55.8	220	ug/Kg
120-12-7	Anthracene	56	U	56	55.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	55.8	220	ug/Kg
86-74-8	Carbazole	59	U	59	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	55.8	220	ug/Kg
206-44-0	Fluoranthene	97	J	58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X5	SDG No.:	BM080924
Lab Sample ID:	P3435-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047108.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	86	J	58	55.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	42	U	42	55.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	69	J	51	55.8	220	ug/Kg
218-01-9	Chrysene	70	J	59	55.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58	U	58	55.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	93	J	55	55.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	55.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	70	J	55	55.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	55.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	55.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	55.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	55.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.489		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	13.288		20-120		33	SPK: -40
4165-62-2	Phenol-d5	16.699		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.353		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.799		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	16.973		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	15.169		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.97		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.341		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.464		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.495		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.457		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.683		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	15.937		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X5	SDG No.:	BM080924
Lab Sample ID:	P3435-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047108.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.59		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	16.832		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	17.796		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.25		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277390	7.387				
1146-65-2	Naphthalene-d8	1103747	10.139				
15067-26-2	Acenaphthene-d10	703089	14.039				
1517-22-2	Phenanthrene-d10	1438064	16.798				
1719-03-5	Chrysene-d12	1221950	21.033				
1520-96-3	Perylene-d12	1378525	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			17.739	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	110	J			20.774	
	(DEL) Alkane: Straight-Chain	97	J			21.768	
074630-29-8	1,5-Heptadiene, 3,3,5-trimethyl-	280	J			22.156	
019218-94-1	Tetradecane, 1-iodo-	190	J			23.015	
E966796	Total Alkanes	97				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X7	SDG No.:	BM080924
Lab Sample ID:	P3435-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26
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
BM047109.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	8.9	90	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	57.2	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	57.2	230	ug/Kg
67-72-1	Hexachloroethane	31	U	31	57.2	230	ug/Kg
98-95-3	Nitrobenzene	48	U	48	57.2	230	ug/Kg
78-59-1	Isophorone	46	U	46	57.2	230	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	57.2	230	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	57.2	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	57.2	230	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	57.2	230	ug/Kg
91-20-3	Naphthalene	46	U	46	57.2	230	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	57.2	440	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	57.2	230	ug/Kg
105-60-2	Caprolactam	160	U	160	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	57.2	230	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	57.2	230	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	57.2	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	57.2	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	57.2	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X7	SDG No.:	BM080924
Lab Sample ID:	P3435-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26
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
BM047109.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	U	65	57.2	230	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	57.2	230	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	57.2	230	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	57.2	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	57.2	230	ug/Kg
208-96-8	Acenaphthylene	58	U	58	57.2	230	ug/Kg
99-09-2	3-Nitroaniline	27	U	27	110	440	ug/Kg
83-32-9	Acenaphthene	55	U	55	57.2	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	57.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	36	U	36	57.2	230	ug/Kg
84-66-2	Diethylphthalate	81	U	81	57.2	230	ug/Kg
86-73-7	Fluorene	61	U	61	57.2	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	57.2	230	ug/Kg
100-01-6	4-Nitroaniline	57	U	57	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	57.2	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	69	U	69	57.2	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	61	57.2	230	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	57.2	230	ug/Kg
1912-24-9	Atrazine	53	U	53	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	59	U	59	57.2	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	57.2	230	ug/Kg
120-12-7	Anthracene	58	U	58	57.2	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	44	U	44	57.2	230	ug/Kg
86-74-8	Carbazole	61	U	61	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	57.2	230	ug/Kg
206-44-0	Fluoranthene	59	U	59	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X7	SDG No.:	BM080924
Lab Sample ID:	P3435-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26
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
BM047109.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	57.2	230	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	57.2	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	53	57.2	230	ug/Kg
218-01-9	Chrysene	61	U	61	57.2	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59	U	59	57.2	230	ug/Kg
117-84-0	Di-n-octyl phthalate	46	U	46	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	57.2	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	61	U	61	57.2	230	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	57.2	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	57.2	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	57.2	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	57.2	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	57.2	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.873		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	7.226	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	10.912		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.008		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.886		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	10.928		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	10.361		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.207		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.616		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.511		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.931		10-145		25	SPK: -40
93951-97-4	Acenaphthylene-d8	10.712		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.26	*	10-150		1	SPK: -40
81103-79-9	Fluorene-d10	10.406		20-140		26	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X7	SDG No.:	BM080924
Lab Sample ID:	P3435-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26
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
BM047109.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.189	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	10.528		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	11.221		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.657		10-140		27	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	263062	7.387				
1146-65-2	Naphthalene-d8	1041616	10.139				
15067-26-2	Acenaphthene-d10	653358	14.039				
1517-22-2	Phenanthrene-d10	1325806	16.798				
1719-03-5	Chrysene-d12	1136138	21.033				
1520-96-3	Perylene-d12	1296084	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	65	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W0	SDG No.:	BM080924
Lab Sample ID:	P3435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047110.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47	U	47	23.9	240	ug/Kg
100-52-7	Benzaldehyde	270	U	270	300	1200	ug/Kg
110-86-1	Pyridine	160	U	160	600	1200	ug/Kg
108-95-2	Phenol	130	U	130	300	1200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	300	1200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	150	620	ug/Kg
95-48-7	2-Methylphenol	110	U	110	300	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98	U	98	300	1200	ug/Kg
98-86-2	Acetophenone	140	U	140	300	1200	ug/Kg
106-44-5	4-Methylphenol	120	U	120	300	1200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	150	620	ug/Kg
67-72-1	Hexachloroethane	83	U	83	150	620	ug/Kg
98-95-3	Nitrobenzene	130	U	130	150	620	ug/Kg
78-59-1	Isophorone	120	U	120	150	620	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	150	620	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	620	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	150	620	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	150	620	ug/Kg
91-20-3	Naphthalene	120	U	120	150	620	ug/Kg
106-47-8	4-Chloroaniline	160	U	160	150	1200	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	150	620	ug/Kg
105-60-2	Caprolactam	430	U	430	300	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	150	620	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	150	620	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	150	620	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	300	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	150	620	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	150	620	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W0	SDG No.:	BM080924
Lab Sample ID:	P3435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047110.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	170	U	170	150	620	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	150	620	ug/Kg
88-74-4	2-Nitroaniline	80	U	80	150	620	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	150	620	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	150	620	ug/Kg
208-96-8	Acenaphthylene	160	U	160	150	620	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	300	1200	ug/Kg
83-32-9	Acenaphthene	150	U	150	150	620	ug/Kg
51-28-5	2,4-Dinitrophenol	430	U	430	300	1200	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	300	1200	ug/Kg
132-64-9	Dibenzofuran	170	U	170	150	620	ug/Kg
121-14-2	2,4-Dinitrotoluene	98	U	98	150	620	ug/Kg
84-66-2	Diethylphthalate	220	U	220	150	620	ug/Kg
86-73-7	Fluorene	160	U	160	150	620	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	170	150	620	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	300	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58	U	58	300	1200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	U	150	150	620	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	150	620	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	150	620	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	150	620	ug/Kg
1912-24-9	Atrazine	140	U	140	300	1200	ug/Kg
87-86-5	Pentachlorophenol	320	U	320	300	1200	ug/Kg
85-01-8	Phenanthrene	230	J	160	150	620	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	150	620	ug/Kg
120-12-7	Anthracene	220	J	160	150	620	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	150	620	ug/Kg
86-74-8	Carbazole	160	U	160	300	1200	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	150	620	ug/Kg
206-44-0	Fluoranthene	1400		160	300	620	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W0	SDG No.:	BM080924
Lab Sample ID:	P3435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.4
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
BM047110.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		160	150	620	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	620	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	300	1200	ug/Kg
56-55-3	Benzo(a)anthracene	790		140	150	620	ug/Kg
218-01-9	Chrysene	730		160	150	620	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	150	620	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	890		150	150	620	ug/Kg
207-08-9	Benzo(k)fluoranthene	320	J	160	150	620	ug/Kg
50-32-8	Benzo(a)pyrene	730		150	150	620	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	340	J	130	150	620	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	150	620	ug/Kg
191-24-2	Benzo(g,h,i)perylene	390	J	130	150	620	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	150	620	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	15.196		20-120		38	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.745		15-120		34	SPK: -8
4165-62-2	Phenol-d5	19.191		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.987		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.267		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	19.606		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	18.028		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.338		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.052		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.437		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.856		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.897		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.59		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	19.43		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W0	SDG No.:	BM080924
Lab Sample ID:	P3435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047110.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.604		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	20.065		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	20.89		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.966		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	291697	7.386				
1146-65-2	Naphthalene-d8	1119845	10.139				
15067-26-2	Acenaphthene-d10	692203	14.039				
1517-22-2	Phenanthrene-d10	1396478	16.798				
1719-03-5	Chrysene-d12	1240410	21.033				
1520-96-3	Perylene-d12	1443326	23.732				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	530	J			10.898	
000057-10-3	n-Hexadecanoic acid	400	J			17.733	
000192-97-2	Benzo[e]pyrene	260	J			23.485	
E966796	Total Alkanes	170	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E0600	SDG No.:	BM080924
Lab Sample ID:	P3435-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	82.5
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
BM047111.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	74	U	74	37.6	380	ug/Kg
100-52-7	Benzaldehyde	430	U	430	470	1900	ug/Kg
110-86-1	Pyridine	240	U	240	940	1900	ug/Kg
108-95-2	Phenol	200	U	200	470	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	190	U	190	470	1900	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	240	970	ug/Kg
95-48-7	2-Methylphenol	170	U	170	470	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	470	1900	ug/Kg
98-86-2	Acetophenone	220	U	220	470	1900	ug/Kg
106-44-5	4-Methylphenol	180	U	180	470	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	240	970	ug/Kg
67-72-1	Hexachloroethane	130	U	130	240	970	ug/Kg
98-95-3	Nitrobenzene	210	U	210	240	970	ug/Kg
78-59-1	Isophorone	190	U	190	240	970	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	240	970	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	240	970	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	220	U	220	240	970	ug/Kg
120-83-2	2,4-Dichlorophenol	220	U	220	240	970	ug/Kg
91-20-3	Naphthalene	190	U	190	240	970	ug/Kg
106-47-8	4-Chloroaniline	240	U	240	240	1900	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	190	240	970	ug/Kg
105-60-2	Caprolactam	680	U	680	470	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	240	970	ug/Kg
90-12-0	1-Methylnaphthalene	230	U	230	240	970	ug/Kg
91-57-6	2-Methylnaphthalene	210	U	210	240	970	ug/Kg
77-47-4	Hexachlorocyclopentadiene	450	U	450	470	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	240	970	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	240	970	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E0600	SDG No.:	BM080924
Lab Sample ID:	P3435-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	82.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047111.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	270	U	270	240	970	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	240	970	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	240	970	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	240	970	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	240	970	ug/Kg
208-96-8	Acenaphthylene	240	U	240	240	970	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	470	1900	ug/Kg
83-32-9	Acenaphthene	230	U	230	240	970	ug/Kg
51-28-5	2,4-Dinitrophenol	680	U	680	470	1900	ug/Kg
100-02-7	4-Nitrophenol	230	U	230	470	1900	ug/Kg
132-64-9	Dibenzofuran	260	U	260	240	970	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	240	970	ug/Kg
84-66-2	Diethylphthalate	340	U	340	240	970	ug/Kg
86-73-7	Fluorene	260	U	260	240	970	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	240	970	ug/Kg
100-01-6	4-Nitroaniline	240	U	240	470	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	470	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	240	U	240	240	970	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	240	970	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	240	970	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	240	970	ug/Kg
1912-24-9	Atrazine	220	U	220	470	1900	ug/Kg
87-86-5	Pentachlorophenol	500	U	500	470	1900	ug/Kg
85-01-8	Phenanthrene	250	U	250	240	970	ug/Kg
608-93-5	Pentachlorobenzene	290	U	290	240	970	ug/Kg
120-12-7	Anthracene	240	U	240	240	970	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	190	U	190	240	970	ug/Kg
86-74-8	Carbazole	260	U	260	470	1900	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	240	970	ug/Kg
206-44-0	Fluoranthene	250	U	250	470	970	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E0600	SDG No.:	BM080924
Lab Sample ID:	P3435-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	82.5
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
BM047111.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	250	U	250	240	970	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	240	970	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	470	1900	ug/Kg
56-55-3	Benzo(a)anthracene	220	U	220	240	970	ug/Kg
218-01-9	Chrysene	260	U	260	240	970	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	240	970	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	470	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	U	240	240	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	U	260	240	970	ug/Kg
50-32-8	Benzo(a)pyrene	240	U	240	240	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	U	210	240	970	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	U	210	240	970	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	U	200	240	970	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	240	970	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.713	*	15-120		9	SPK: -8
7291-22-7	Pyridine-d5	3.357	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	5.421		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.694		10-150		14	SPK: -40
93951-73-6	2-Chlorophenol-d4	5.367	*	15-120		13	SPK: -40
190780-66-6	4-Methylphenol-d8	6.039		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	5.597		10-135		14	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.091		10-120		13	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.654		10-140		14	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.749		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.518		10-145		16	SPK: -40
93951-97-4	Acenaphthylene-d8	6.557		15-120		16	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.972	*	10-150		2	SPK: -40
81103-79-9	Fluorene-d10	6.656	*	20-140		17	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E0600	SDG No.:	BM080924
Lab Sample ID:	P3435-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	82.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047111.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.812	*	10-130		2	SPK: -40
1719-06-8	Anthracene-d10	7.029		10-150		18	SPK: -40
1718-52-1	Pyrene-d10	7.605		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.157		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	267102	7.386				
1146-65-2	Naphthalene-d8	1038776	10.139				
15067-26-2	Acenaphthene-d10	649918	14.039				
1517-22-2	Phenanthrene-d10	1306688	16.798				
1719-03-5	Chrysene-d12	1102531	21.033				
1520-96-3	Perylene-d12	1271068	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	270	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z7	SDG No.:	BM080924
Lab Sample ID:	P3435-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	78.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047112.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	59	U	59	30.1	300	ug/Kg
100-52-7	Benzaldehyde	340	U	340	380	1500	ug/Kg
110-86-1	Pyridine	200	U	200	750	1500	ug/Kg
108-95-2	Phenol	160	U	160	380	1500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	160	U	160	380	1500	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	190	780	ug/Kg
95-48-7	2-Methylphenol	140	U	140	380	1500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	380	1500	ug/Kg
98-86-2	Acetophenone	170	U	170	380	1500	ug/Kg
106-44-5	4-Methylphenol	150	U	150	380	1500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	190	780	ug/Kg
67-72-1	Hexachloroethane	110	U	110	190	780	ug/Kg
98-95-3	Nitrobenzene	160	U	160	190	780	ug/Kg
78-59-1	Isophorone	160	U	160	190	780	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	190	780	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	190	780	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	170	U	170	190	780	ug/Kg
120-83-2	2,4-Dichlorophenol	180	U	180	190	780	ug/Kg
91-20-3	Naphthalene	160	U	160	190	780	ug/Kg
106-47-8	4-Chloroaniline	200	U	200	190	1500	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	190	780	ug/Kg
105-60-2	Caprolactam	550	U	550	380	1500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	190	780	ug/Kg
90-12-0	1-Methylnaphthalene	190	U	190	190	780	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	190	780	ug/Kg
77-47-4	Hexachlorocyclopentadiene	360	U	360	380	1500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	200	U	200	190	780	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	190	190	780	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z7	SDG No.:	BM080924
Lab Sample ID:	P3435-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	78.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047112.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	220	U	220	190	780	ug/Kg
91-58-7	2-Chloronaphthalene	210	U	210	190	780	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	190	780	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	190	780	ug/Kg
606-20-2	2,6-Dinitrotoluene	96	U	96	190	780	ug/Kg
208-96-8	Acenaphthylene	200	U	200	190	780	ug/Kg
99-09-2	3-Nitroaniline	91	U	91	380	1500	ug/Kg
83-32-9	Acenaphthene	190	U	190	190	780	ug/Kg
51-28-5	2,4-Dinitrophenol	550	U	550	380	1500	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	380	1500	ug/Kg
132-64-9	Dibenzofuran	210	U	210	190	780	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	190	780	ug/Kg
84-66-2	Diethylphthalate	270	U	270	190	780	ug/Kg
86-73-7	Fluorene	210	U	210	190	780	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	210	U	210	190	780	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	380	1500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	73	380	1500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	190	U	190	190	780	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	230	190	780	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	190	780	ug/Kg
118-74-1	Hexachlorobenzene	230	U	230	190	780	ug/Kg
1912-24-9	Atrazine	180	U	180	380	1500	ug/Kg
87-86-5	Pentachlorophenol	400	U	400	380	1500	ug/Kg
85-01-8	Phenanthrene	200	U	200	190	780	ug/Kg
608-93-5	Pentachlorobenzene	230	U	230	190	780	ug/Kg
120-12-7	Anthracene	200	U	200	190	780	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	190	780	ug/Kg
86-74-8	Carbazole	210	U	210	380	1500	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	190	780	ug/Kg
206-44-0	Fluoranthene	200	U	200	380	780	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z7	SDG No.:	BM080924
Lab Sample ID:	P3435-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	78.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047112.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200	U	200	190	780	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	190	780	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	380	1500	ug/Kg
56-55-3	Benzo(a)anthracene	180	U	180	190	780	ug/Kg
218-01-9	Chrysene	210	U	210	190	780	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	190	780	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	380	1500	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	190	190	780	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	U	210	190	780	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	190	780	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	170	190	780	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	190	780	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	190	780	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	190	780	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.81		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	8.182		20-120		20	SPK: -40
4165-62-2	Phenol-d5	12.969		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.365		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.658		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	13.518		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	12.462		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.118		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.173		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.683		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.462		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.805		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.054		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	13.827		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z7	SDG No.:	BM080924
Lab Sample ID:	P3435-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	78.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047112.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162538

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.86		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	14.464		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	15.455		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.606		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	259246	7.387				
1146-65-2	Naphthalene-d8	1048506	10.139				
15067-26-2	Acenaphthene-d10	668532	14.039				
1517-22-2	Phenanthrene-d10	1365311	16.798				
1719-03-5	Chrysene-d12	1175482	21.033				
1520-96-3	Perylene-d12	1390003	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	300	J			10.898	
000057-10-3	n-Hexadecanoic acid	410	J			17.733	
007683-64-9	Supraene	380	J			22.503	
E966796	Total Alkanes	220	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM080924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E05W9								
P3434-07	E05W9	Solid	(DEL) Alkane: Straight-Chain8.61 *	1,400.000	J			
P3434-07	E05W9	Solid	(E)-Hexadec-9-enoic acid *	73.000	J			
P3434-07	E05W9	Solid	1-Phenoxypropan-2-ol *	120.000	J			
P3434-07	E05W9	Solid	Dichloroacetic acid, heptadecyl es *	170.000	J			
P3434-07	E05W9	Solid	Ethanone, 1-[4-methoxy-3-(4-met *	530.000	J			
P3434-07	E05W9	Solid	n-Hexadecanoic acid *	300.000	J			
P3434-07	E05W9	Solid	Oxirane, 2,2-dimethyl-3-propyl- *	200.000	J			
P3434-07	E05W9	Solid	unknown-01 *	110.000	J			
P3434-07	E05W9	Solid	unknown-02 *	73.000	J			
P3434-07	E05W9	Solid	Total Alkanes *	1,400.000		48	170	ug/Kg
			Total Tics :	4,376.00				
P3434-07	E05W9	Solid	Phenol	37.000	J	35	330	ug/Kg
			Total Svoc :	37.00				
			Total Concentration:	4,413.00				
Client ID : E05X0								
P3434-08	E05X0	Solid	(DEL) Alkane: Straight-Chain21.7 *	290.000	J			
P3434-08	E05X0	Solid	(DEL) Alkane: Straight-Chain23.(*	110.000	J			
P3434-08	E05X0	Solid	(DEL) Alkane: Straight-Chain23.(*	130.000	J			
P3434-08	E05X0	Solid	1,2,4,8-Tetramethylbicyclo[6.3.0]i *	2,400.000	J			
P3434-08	E05X0	Solid	1-(4-(Isobutyryloxy)-3-methoxypl *	93.000	J			
P3434-08	E05X0	Solid	1-Heneicosanol *	380.000	J			
P3434-08	E05X0	Solid	1-Phenoxypropan-2-ol *	79.000	J			
P3434-08	E05X0	Solid	Hexadecanal *	67.000	J			
P3434-08	E05X0	Solid	n-Hexadecanoic acid *	300.000	J			
P3434-08	E05X0	Solid	Octadecanoic acid *	110.000	J			
P3434-08	E05X0	Solid	Total Alkanes *	530.000		48	170	ug/Kg
			Total Tics :	4,489.00				
P3434-08	E05X0	Solid	Benzo(b)fluoranthene	56.000	J	42	170	ug/Kg
P3434-08	E05X0	Solid	Chrysene	45.000	J	45	170	ug/Kg
P3434-08	E05X0	Solid	Fluoranthene	56.000	J	44	170	ug/Kg
P3434-08	E05X0	Solid	Pyrene	54.000	J	44	170	ug/Kg
			Total Svoc :	211.00				
			Total Concentration:	4,700.00				
Client ID : E05Z2								
P3434-11	E05Z2	Solid	1,1-Biphenyl, 2-(phenylmethyl)- *	73.000	J			
P3434-11	E05Z2	Solid	2,2-Bi-1H-indene *	100.000	J			
P3434-11	E05Z2	Solid	2-Methylchrysene *	130.000	J			

Hit Summary Sheet

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SDG No.: BM080924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3434-11	E05Z2	Solid	3,9-Dimethylbenz[a]anthracene	*	86.000	J		
P3434-11	E05Z2	Solid	4H-1-Benzopyran-4-one, 2,3-dihy	*	1,200.000	J		
P3434-11	E05Z2	Solid	7,12-Dimethylbenz[a]anthracene	*	71.000	J		
P3434-11	E05Z2	Solid	Benz(a)anthracene, 6,8-dimethyl-	*	270.000	J		
P3434-11	E05Z2	Solid	Carbonic acid, decyl hexadecyl es	*	73.000	J		
P3434-11	E05Z2	Solid	Chrysene, 1-methyl-	*	330.000	J		
P3434-11	E05Z2	Solid	Chrysin	*	110.000	J		
P3434-11	E05Z2	Solid	o-Terphenyl	*	70.000	J		
P3434-11	E05Z2	Solid	Pyrene, 1-methyl-	*	120.000	J		
P3434-11	E05Z2	Solid	unknown-01	*	91.000	J		
P3434-11	E05Z2	Solid	unknown-02	*	880.000	J		
P3434-11	E05Z2	Solid	Total Alkanes	*	0.000	48	170	ug/Kg
Total Tics :					3,604.00			
P3434-11	E05Z2	Solid	Acetophenone		140.000	J 38	330	ug/Kg
P3434-11	E05Z2	Solid	Benzo(a)anthracene		86.000	J 39	170	ug/Kg
P3434-11	E05Z2	Solid	Benzo(a)pyrene		96.000	J 42	170	ug/Kg
P3434-11	E05Z2	Solid	Benzo(b)fluoranthene		83.000	J 42	170	ug/Kg
P3434-11	E05Z2	Solid	Chrysene		130.000	J 45	170	ug/Kg
P3434-11	E05Z2	Solid	Dibenzo(a,h)anthracene		49.000	J 37	170	ug/Kg
P3434-11	E05Z2	Solid	Pyrene		71.000	J 44	170	ug/Kg
Total Svoc :					655.00			
Total Concentration:					4,259.00			
Client ID : E05Z3								
P3434-12	E05Z3	Solid	(DEL) Alkane: Straight-Chain21.2	*	86.000	J		
P3434-12	E05Z3	Solid	(DEL) Alkane: Straight-Chain21.7	*	150.000	J		
P3434-12	E05Z3	Solid	(DEL) Alkane: Straight-Chain23.(	*	210.000	J		
P3434-12	E05Z3	Solid	(DEL) Alkane: Straight-Chain23.(	*	170.000	J		
P3434-12	E05Z3	Solid	Carbonic acid, eicosyl vinyl ester	*	88.000	J		
P3434-12	E05Z3	Solid	n-Hexadecanoic acid	*	220.000	J		
P3434-12	E05Z3	Solid	Octadecanoic acid	*	150.000	J		
P3434-12	E05Z3	Solid	Oxirane, heptadecyl-	*	86.000	J		
P3434-12	E05Z3	Solid	Total Alkanes	*	620.000	48	170	ug/Kg
Total Tics :					1,780.00			
P3434-12	E05Z3	Solid	Acetophenone		120.000	J 38	330	ug/Kg
P3434-12	E05Z3	Solid	Benzo(b)fluoranthene		44.000	J 42	170	ug/Kg
P3434-12	E05Z3	Solid	Chrysene		71.000	J 45	170	ug/Kg
P3434-12	E05Z3	Solid	Phenol		68.000	J 35	330	ug/Kg
Total Svoc :					303.00			
Total Concentration:					2,083.00			

Client ID : E05Z4

Hit Summary Sheet
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SDG No.: BM080924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3434-13	E05Z4	Solid	(DEL) Alkane: Straight-Chain21.1 *	110.000	J			
P3434-13	E05Z4	Solid	(DEL) Alkane: Straight-Chain23.(*	340.000	J			
P3434-13	E05Z4	Solid	4H-Cyclopenta[def]phenanthrene *	110.000	J			
P3434-13	E05Z4	Solid	Anthracene, 2-methyl- *	180.000	J			
P3434-13	E05Z4	Solid	Benz[a]anthracene, 2-methyl- *	98.000	J			
P3434-13	E05Z4	Solid	Benzo[e]pyrene *	110.000	J			
P3434-13	E05Z4	Solid	Cyclopenta(def)phenanthrenone *	86.000	J			
P3434-13	E05Z4	Solid	Phenanthrene, 2-methyl- *	78.000	J			
P3434-13	E05Z4	Solid	unknown-01 *	92.000	J			
P3434-13	E05Z4	Solid	Total Alkanes *	450.000		48	170	ug/Kg
Total Tics :				1,654.00				
P3434-13	E05Z4	Solid	Acetophenone	150.000	J	38	330	ug/Kg
P3434-13	E05Z4	Solid	Anthracene	130.000	J	43	170	ug/Kg
P3434-13	E05Z4	Solid	Benzo(a)anthracene	620.000		39	170	ug/Kg
P3434-13	E05Z4	Solid	Benzo(a)pyrene	360.000		42	170	ug/Kg
P3434-13	E05Z4	Solid	Benzo(b)fluoranthene	900.000		42	170	ug/Kg
P3434-13	E05Z4	Solid	Benzo(g,h,i)perylene	56.000	J	35	170	ug/Kg
P3434-13	E05Z4	Solid	Benzo(k)fluoranthene	350.000		45	170	ug/Kg
P3434-13	E05Z4	Solid	Chrysene	580.000		45	170	ug/Kg
P3434-13	E05Z4	Solid	Dibenzo(a,h)anthracene	130.000	J	37	170	ug/Kg
P3434-13	E05Z4	Solid	Fluoranthene	1,100.000		44	170	ug/Kg
P3434-13	E05Z4	Solid	Indeno(1,2,3-cd)pyrene	290.000		37	170	ug/Kg
P3434-13	E05Z4	Solid	Phenanthrene	330.000		44	170	ug/Kg
P3434-13	E05Z4	Solid	Phenol	47.000	J	35	330	ug/Kg
P3434-13	E05Z4	Solid	Pyrene	680.000		44	170	ug/Kg
Total Svoc :				5,723.00				
Total Concentration:				7,377.00				

Client ID : E0601

P3434-15	E0601	Solid	(DEL) Alkane: Cyclic21.792 *	310.000	J			
P3434-15	E0601	Solid	(DEL) Alkane: Straight-Chain23.(*	140.000	J			
P3434-15	E0601	Solid	1-Heptacosanol *	220.000	J			
P3434-15	E0601	Solid	1-Phenoxypropan-2-ol *	75.000	J			
P3434-15	E0601	Solid	2,1-Benzisoxazole, 6-chloro-3-(2- *	74.000	J			
P3434-15	E0601	Solid	6-Pentadecenoic acid, 13-methyl-, *	100.000	J			
P3434-15	E0601	Solid	Behenic alcohol *	170.000	J			
P3434-15	E0601	Solid	n-Hexadecanoic acid *	470.000	J			
P3434-15	E0601	Solid	Octadecanoic acid *	120.000	J			
P3434-15	E0601	Solid	Pentadecafluorooctanoic acid, oct: *	290.000	J			
P3434-15	E0601	Solid	Total Alkanes *	450.000		48	170	ug/Kg
Total Tics :				2,419.00				

Hit Summary Sheet SW-846

SDG No.: BM080924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3434-15	E0601	Solid	Benzo(a)anthracene	43.000	J	39	170	ug/Kg
P3434-15	E0601	Solid	Benzo(a)pyrene	57.000	J	42	170	ug/Kg
P3434-15	E0601	Solid	Benzo(b)fluoranthene	83.000	J	42	170	ug/Kg
P3434-15	E0601	Solid	Benzo(g,h,i)perylene	50.000	J	35	170	ug/Kg
P3434-15	E0601	Solid	Chrysene	56.000	J	45	170	ug/Kg
P3434-15	E0601	Solid	Fluoranthene	89.000	J	44	170	ug/Kg
P3434-15	E0601	Solid	Indeno(1,2,3-cd)pyrene	37.000	J	37	170	ug/Kg
P3434-15	E0601	Solid	Phenanthrene	46.000	J	44	170	ug/Kg
P3434-15	E0601	Solid	Pyrene	81.000	J	44	170	ug/Kg
Total Svoc :				542.00				
Total Concentration:				2,961.00				
Client ID :	E05X1							
P3434-16	E05X1	Solid	1-Heneicosanol	*	140.000	J		
P3434-16	E05X1	Solid	1-Phenoxypropan-2-ol	*	77.000	J		
P3434-16	E05X1	Solid	D-Friedoolean-14-en-3-ol	*	410.000	J		
P3434-16	E05X1	Solid	n-Hexadecanoic acid	*	190.000	J		
P3434-16	E05X1	Solid	Trifluoroacetoxy hexadecane	*	83.000	J		
P3434-16	E05X1	Solid	Total Alkanes	*	0.000	48	170	ug/Kg
Total Tics :				900.00				
Total Concentration:				900.00				
Client ID :	E05W0							
P3435-01	E05W0	Solid	1-Phenoxypropan-2-ol	*	530.000	J		
P3435-01	E05W0	Solid	Benzo[e]pyrene	*	260.000	J		
P3435-01	E05W0	Solid	n-Hexadecanoic acid	*	400.000	J		
P3435-01	E05W0	Solid	Total Alkanes	*	0.000	170	620	ug/Kg
Total Tics :				1,190.00				
P3435-01	E05W0	Solid	Anthracene		220.000	J	160	ug/Kg
P3435-01	E05W0	Solid	Benzo(a)anthracene		790.000		140	ug/Kg
P3435-01	E05W0	Solid	Benzo(a)pyrene		730.000		150	ug/Kg
P3435-01	E05W0	Solid	Benzo(b)fluoranthene		890.000		150	ug/Kg
P3435-01	E05W0	Solid	Benzo(g,h,i)perylene		390.000	J	130	ug/Kg
P3435-01	E05W0	Solid	Benzo(k)fluoranthene		320.000	J	160	ug/Kg
P3435-01	E05W0	Solid	Chrysene		730.000		160	ug/Kg
P3435-01	E05W0	Solid	Fluoranthene		1,400.000		160	ug/Kg
P3435-01	E05W0	Solid	Indeno(1,2,3-cd)pyrene		340.000	J	130	ug/Kg
P3435-01	E05W0	Solid	Phenanthrene		230.000	J	160	ug/Kg
P3435-01	E05W0	Solid	Pyrene		1,100.000		160	ug/Kg
Total Svoc :				7,140.00				
Total Concentration:				8,330.00				

Hit Summary Sheet SW-846

SDG No.: BM080924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E05W1								
P3435-02	E05W1	Solid	1-Phenoxypropan-2-ol	*	390.000	J		
P3435-02	E05W1	Solid	Total Alkanes	*	0.000	170	610	ug/Kg
			Total Tics :			390.00		
P3435-02	E05W1	Solid	Fluoranthene		160.000	J 160	610	ug/Kg
			Total Svoc :			160.00		
			Total Concentration:			550.00		
Client ID : E05W3								
P3435-03	E05W3	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3435-03	E05W3	Solid	Total Alkanes	*	0.000	65	230	ug/Kg
			Total Tics :			150.00		
			Total Concentration:			150.00		
Client ID : E05W6								
P3435-04	E05W6	Solid	1-Phenoxypropan-2-ol	*	710.000	J		
P3435-04	E05W6	Solid	Total Alkanes	*	0.000	360	1300	ug/Kg
			Total Tics :			710.00		
			Total Concentration:			710.00		
Client ID : E05W8								
P3435-05	E05W8	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3435-05	E05W8	Solid	n-Hexadecanoic acid	*	130.000	J		
P3435-05	E05W8	Solid	Total Alkanes	*	0.000	67	240	ug/Kg
			Total Tics :			280.00		
			Total Concentration:			280.00		
Client ID : E05X3								
P3435-08	E05X3	Solid	Total Alkanes	*	0.000	85	300	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E05X5								
P3435-09	E05X5	Solid	(DEL) Alkane: Straight-Chain21.7	*	97.000	J		
P3435-09	E05X5	Solid	1,5-Heptadiene, 3,3,5-trimethyl-	*	280.000	J		
P3435-09	E05X5	Solid	Carbonic acid, octadecyl prop-1-e	*	110.000	J		
P3435-09	E05X5	Solid	n-Hexadecanoic acid	*	130.000	J		
P3435-09	E05X5	Solid	Tetradecane, 1-iodo-	*	190.000	J		
P3435-09	E05X5	Solid	Total Alkanes	*	97.000	63	220	ug/Kg
			Total Tics :			904.00		
P3435-09	E05X5	Solid	Benzo(a)anthracene		69.000	J 51	220	ug/Kg
P3435-09	E05X5	Solid	Benzo(a)pyrene		70.000	J 55	220	ug/Kg
P3435-09	E05X5	Solid	Benzo(b)fluoranthene		93.000	J 55	220	ug/Kg
P3435-09	E05X5	Solid	Chrysene		70.000	J 59	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM080924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3435-09	E05X5	Solid	Fluoranthene	97.000	J	58	220	ug/Kg
P3435-09	E05X5	Solid	Pyrene	86.000	J	58	220	ug/Kg
Total Svoc :				485.00				
Total Concentration:				1,389.00				
Client ID : E05X7								
P3435-10	E05X7	Solid	Total Alkanes	*	0.000	65	230	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E05Y0								
P3435-11	E05Y0	Solid	n-Hexadecanoic acid	*	450.000	J		
P3435-11	E05Y0	Solid	Total Alkanes	*	0.000	290	1000	ug/Kg
Total Tics :				450.00				
Total Concentration:				450.00				
Client ID : E05Y1								
P3435-12	E05Y1	Solid	(DEL) Alkane: Straight-Chain21.7	*	240.000	J		
P3435-12	E05Y1	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P3435-12	E05Y1	Solid	Carbonic acid, eicosyl vinyl ester	*	310.000	J		
P3435-12	E05Y1	Solid	n-Hexadecanoic acid	*	410.000	J		
P3435-12	E05Y1	Solid	Octadecanoic acid	*	260.000	J		
P3435-12	E05Y1	Solid	Total Alkanes	*	240.000	170	590	ug/Kg
Total Tics :				1,690.00				
Total Concentration:				1,690.00				
Client ID : E05Y3								
P3435-13	E05Y3	Solid	Total Alkanes	*	0.000	83	290	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E05Z7								
P3435-15	E05Z7	Solid	1-Phenoxypropan-2-ol	*	300.000	J		
P3435-15	E05Z7	Solid	n-Hexadecanoic acid	*	410.000	J		
P3435-15	E05Z7	Solid	Supraene	*	380.000	J		
P3435-15	E05Z7	Solid	Total Alkanes	*	0.000	220	780	ug/Kg
Total Tics :				1,090.00				
Total Concentration:				1,090.00				
Client ID : E0600								
P3435-16	E0600	Solid	Total Alkanes	*	0.000	270	970	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				



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

Hit Summary Sheet
SW-846

SDG No.: BM080924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM080224 SAS No.: BM080224 SDG No.: BM080224
Instrument ID: _____ Calibration Date(s): 8/2/2024 1: _____
Calibration Time(s): 14:20 _____

LAB FILE ID:		RRFAL1 = BM046948.D			RRFAL2 = BM046949.D		RRFAL3 = BM046950.D	
		RRFAL4 = BM046951.D			RRFAL5 = BM046952.D		RRFAL6 = BM046953.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.604	0.586	0.564	0.535	0.519		0.562	6.3
Benzaldehyde		1.071	1.003	0.951	0.797	0.541	0.873	24.2
Pyridine		1.529	1.467	1.345	1.287	1.188	1.363	10.0
Hexachloroethane	0.609	0.675	0.641	0.629	0.622		0.635	3.9
Nitrobenzene	0.406	0.466	0.443	0.421	0.407		0.429	6.0
Isophorone	0.695	0.796	0.753	0.722	0.701		0.734	5.7
2-Nitrophenol	0.166	0.199	0.199	0.198	0.196		0.192	7.7
2,4-Dimethylphenol	0.358	0.407	0.390	0.374	0.360		0.378	5.5
Bis(2-Chloroethoxy)methane	0.420	0.485	0.458	0.454	0.443		0.452	5.3
2,4-Dichlorophenol	0.309	0.353	0.344	0.339	0.333		0.336	5.0
Naphthalene	1.030	1.167	1.092	1.020	0.986		1.059	6.8
4-Chloroaniline		0.477	0.450	0.424	0.407	0.390	0.429	8.1
Hexachlorobutadiene	0.231	0.261	0.242	0.241	0.236		0.242	4.8
Phenol		1.694	1.629	1.509	1.439	1.379	1.530	8.5
Caprolactam		0.095	0.097	0.102	0.109	0.105	0.102	5.4
4-Chloro-3-methylphenol	0.297	0.372	0.355	0.355	0.351		0.346	8.2
1-Methylnaphthalene	0.704	0.812	0.766	0.737	0.724		0.749	5.6
2-Methylnaphthalene	0.678	0.802	0.759	0.737	0.722		0.739	6.2
Hexachlorocyclopentadiene		0.397	0.395	0.403	0.413	0.457	0.413	6.2
2,4,6-Trichlorophenol	0.365	0.431	0.421	0.415	0.421		0.411	6.4
2,4,5-Trichlorophenol	0.400	0.477	0.442	0.445	0.453		0.443	6.3
1,1-Biphenyl	1.479	1.640	1.539	1.432	1.392		1.496	6.5
2-Chloronaphthalene	1.165	1.318	1.227	1.136	1.095		1.188	7.3
2-Nitroaniline	0.302	0.377	0.373	0.372	0.382		0.361	9.2
Bis(2-Chloroethyl)ether		1.417	1.353	1.320	1.273	1.159	1.304	7.4
Dimethylphthalate	1.466	1.666	1.551	1.508	1.481		1.534	5.2
2,6-Dinitrotoluene	0.250	0.303	0.294	0.318	0.326		0.298	9.9
Acenaphthylene	1.691	1.997	1.889	1.735	1.702		1.803	7.5
3-Nitroaniline		0.299	0.307	0.322	0.314	0.276	0.304	5.8
Acenaphthene	1.244	1.422	1.343	1.259	1.231		1.300	6.2
2,4-Dinitrophenol		0.179	0.187	0.213	0.235	0.239	0.210	13.0
4-Nitrophenol		0.328	0.315	0.296	0.290	0.268	0.299	7.7
Dibenzofuran	1.742	2.030	1.878	1.763	1.708		1.824	7.2
2,4-Dinitrotoluene	0.377	0.473	0.475	0.481	0.474		0.456	9.7
Diethylphthalate	1.516	1.795	1.678	1.664	1.600		1.651	6.3
2-Chlorophenol	1.206	1.416	1.363	1.288	1.246		1.304	6.6

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.: BM080224 SAS No.: BM080224 SDG No.: BM080224

Instrument ID: _____ Calibration Date(s): 8/2/2024 1: _____

Calibration Time(s): 14:20 _____

LAB FILE ID:		RRFAL1 = BM046948.D		RRFAL2 = BM046949.D		RRFAL3 = BM046950.D		
		RRFAL4 = BM046951.D		RRFAL5 = BM046952.D		RRFAL6 = BM046953.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.417	1.657	1.545	1.472	1.432		1.504	6.5
4-Chlorophenyl-phenylether	0.728	0.808	0.746	0.711	0.710		0.741	5.5
4-Nitroaniline		0.325	0.323	0.314	0.292	0.247	0.300	10.8
4,6-Dinitro-2-methylphenol		0.134	0.138	0.143	0.139	0.138	0.138	2.4
N-Nitrosodiphenylamine	0.578	0.647	0.607	0.584	0.548		0.593	6.2
1,2,4,5-Tetrachlorobenzene	0.594	0.677	0.636	0.622	0.607		0.627	5.1
4-Bromophenyl-phenylether	0.204	0.233	0.217	0.220	0.209		0.216	5.2
Hexachlorobenzene	0.237	0.278	0.257	0.257	0.246		0.255	6.0
Atrazine		0.242	0.229	0.237	0.227	0.227	0.233	2.9
Pentachlorophenol		0.168	0.163	0.174	0.176	0.181	0.173	4.1
2-Methylphenol		1.232	1.196	1.171	1.134	1.094	1.166	4.6
Phenanthrene	1.064	1.239	1.139	1.100	1.063		1.121	6.5
Pentachlorobenzene	0.295	0.323	0.296	0.293	0.283		0.298	4.9
Anthracene	1.070	1.270	1.155	1.101	1.058		1.131	7.6
1,2,3,4-Tetrachlorobenzene	0.281	0.304	0.289	0.285	0.280		0.288	3.3
Carbazole		1.152	1.083	1.052	1.004	0.950	1.048	7.3
Di-n-butylphthalate	1.196	1.459	1.341	1.373	1.294		1.333	7.3
Fluoranthene	1.232	1.399	1.359	1.419	1.432		1.368	5.9
Pyrene	1.348	1.522	1.446	1.472	1.501		1.458	4.7
Butylbenzylphthalate	0.541	0.650	0.623	0.688	0.685		0.637	9.4
3,3-Dichlorobenzidine		0.494	0.471	0.501	0.505	0.480	0.490	2.9
2,2-oxybis (1-Chloropropane)		1.718	1.632	1.610	1.534	1.320	1.563	9.6
Benzo (a) anthracene	1.340	1.546	1.465	1.473	1.479		1.461	5.1
Chrysene	1.332	1.476	1.399	1.389	1.370		1.393	3.8
Bis (2-ethylhexyl) phthalate	0.810	0.977	0.907	0.995	0.962		0.930	8.0
Di-n-octyl phthalate		1.313	1.264	1.470	1.464	1.543	1.411	8.3
Benzo (b) fluoranthene	1.139	1.269	1.234	1.260	1.284		1.237	4.7
Benzo (k) fluoranthene	1.087	1.278	1.225	1.261	1.262		1.223	6.4
Benzo (a) pyrene	1.022	1.220	1.165	1.172	1.183		1.153	6.6
Indeno (1,2,3-cd) pyrene	1.392	1.582	1.498	1.452	1.460		1.477	4.7
Dibenzo (a,h) anthracene	1.125	1.287	1.202	1.156	1.161		1.186	5.3
Benzo (g,h,i) perylene	1.084	1.244	1.189	1.151	1.165		1.167	5.0
Acetophenone		2.160	1.999	1.821	1.782	1.710	1.894	9.6
2,3,4,6-Tetrachlorophenol	0.351	0.413	0.394	0.403	0.410		0.394	6.4
1,4-Dioxane-d8	0.458	0.565	0.507	0.498	0.497		0.505	7.6
Pyridine-d5		1.527	1.467	1.356	1.317	1.218	1.377	8.9

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.: BM080224 SAS No.: BM080224 SDG No.: BM080224
Instrument ID: _____ Calibration Date(s): 8/2/2024 1: _____
Calibration Time(s): 14:20 _____

LAB FILE ID:		RRFAL1 = BM046948.D			RRFAL2 = BM046949.D		RRFAL3 = BM046950.D	
		RRFAL4 = BM046951.D			RRFAL5 = BM046952.D		RRFAL6 = BM046953.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.649	1.583	1.512	1.466	1.385	1.519	6.7
Bis-(2-Chloroethyl)ether-d8		1.113	1.047	1.004	0.974	0.860	1.000	9.4
2-Chlorophenol-d4	1.180	1.377	1.326	1.293	1.258		1.287	5.8
4-Methylphenol-d8		1.275	1.225	1.198	1.195	1.126	1.204	4.5
Nitrobenzene-d5	0.145	0.172	0.167	0.158	0.160		0.160	6.4
2-Nitrophenol-d4	0.149	0.181	0.179	0.182	0.185		0.175	8.6
2,4-Dichlorophenol-d3	0.294	0.353	0.347	0.346	0.342		0.336	7.1
4-Chloroaniline-d4		0.478	0.457	0.441	0.431	0.404	0.442	6.3
4-Methylphenol		1.344	1.320	1.266	1.216	1.150	1.259	6.2
Dimethylphthalate-d6	1.423	1.651	1.545	1.516	1.511		1.529	5.4
Acenaphthylene-d8	1.569	1.851	1.755	1.691	1.668		1.707	6.1
4-Nitrophenol-d4		0.300	0.287	0.301	0.304	0.286	0.296	2.9
Fluorene-d10	1.211	1.440	1.346	1.292	1.252		1.308	6.8
4,6-Dinitro-2-methylphenol-		0.122	0.121	0.131	0.129	0.129	0.126	3.6
Anthracene-d10	0.893	1.049	0.971	0.932	0.896		0.948	6.8
Pyrene-d10	1.027	1.170	1.134	1.178	1.215		1.145	6.3
Benzo(a)pyrene-d12	0.926	1.091	1.063	1.081	1.104		1.053	6.9
N-Nitroso-di-n-propylamine	0.952	1.099	1.047	0.961	0.936		0.999	7.1

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.: BM080924 SAS No.: BM080924 SDG NO.: BM080924

EPA Sample No.: SSTD020008

Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BM046950.D

Time Analyzed: 15:25

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	99153	7.404	374990	10.16	246433	14.06
	UPPER LIMIT	198306	7.904	749980	10.663	492866	14.563
	LOWER LIMIT	49576.5	6.904	187495	9.663	123216.5	13.563
	EPA SAMPLE NO.						
01	SBLK538	230343 *	7.39	887976 *	10.15	541951 *	14.04
02	E05W1	196972	7.39	769162 *	10.15	469558	14.04
03	E05W3	249793 *	7.39	998868 *	10.14	621789 *	14.04
04	E05W6	240791 *	7.39	940123 *	10.15	573406 *	14.04
05	E05W8	218706 *	7.39	869417 *	10.14	546158 *	14.05
06	E05W8MS	234962 *	7.39	956664 *	10.15	633617 *	14.05
07	E05W8MSD	219210 *	7.39	890760 *	10.15	585527 *	14.05
08	E05X3	275879 *	7.39	1.08657e *	10.14	685935 *	14.04
09	E05Y0	224712 *	7.39	867442 *	10.14	528349 *	14.04
10	E05Y1	235837 *	7.39	929448 *	10.14	577406 *	14.04
11	E05Y3	267025 *	7.39	1.02743e *	10.14	632918 *	14.04
12	SLCS538	239356 *	7.39	967877 *	10.15	637759 *	14.05
13	SBLK448	225888 *	7.39	879328 *	10.14	544038 *	14.04
14	E05Z2	215548 *	7.39	857674 *	10.14	523949 *	14.04
15	E05Z3	257898 *	7.39	999045 *	10.14	613957 *	14.04
16	E05Z4	255414 *	7.39	997752 *	10.14	621775 *	14.04
17	E0601	278021 *	7.39	1.08789e *	10.14	703851 *	14.04
18	E05X1	300235 *	7.39	1.16948e *	10.14	736754 *	14.04
19	E05X0	289821 *	7.39	1.11548e *	10.14	711559 *	14.04
20	E05W9	244089 *	7.39	963418 *	10.14	608162 *	14.04
21	E05X5	277390 *	7.39	1.10375e *	10.14	703089 *	14.04
22	E05X7	263062 *	7.39	1.04162e *	10.14	653358 *	14.04
23	E05W0	291697 *	7.39	1.11985e *	10.14	692203 *	14.04

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080924 SAS No.: BM080924 SDG NO.: BM080924

EPA Sample No.: SSTD020008 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 08:11

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	99153	7.404	374990	10.16	246433	14.06
UPPER LIMIT	198306	7.904	749980	10.663	492866	14.563
LOWER LIMIT	49576.5	6.904	187495	9.663	123216.5	13.563
EPA SAMPLE NO.						
24 E0600	267102 *	7.39	1.03878e *	10.14	649918 *	14.04
25 E05Z7	259246 *	7.39	1.04851e *	10.14	668532 *	14.04

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.: BM080924 SAS No.: BM080924 SDG NO.: BM080924

EPA Sample No.: SSTD020135 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BM047086.D Time Analyzed: 15:25

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	223575	7.386	888667	10.15	558133	14.05
UPPER LIMIT	447150	7.886	1777334	10.645	1116266	14.545
LOWER LIMIT	111787.5	6.886	444333.5	9.645	279066.5	13.545
EPA SAMPLE NO.						
01 SBLK538	230343	7.39	887976	10.15	541951	14.04
02 E05W1	196972	7.39	769162	10.15	469558	14.04
03 E05W3	249793	7.39	998868	10.14	621789	14.04
04 E05W6	240791	7.39	940123	10.15	573406	14.04
05 E05W8	218706	7.39	869417	10.14	546158	14.05
06 E05W8MS	234962	7.39	956664	10.15	633617	14.05
07 E05W8MSD	219210	7.39	890760	10.15	585527	14.05
08 E05X3	275879	7.39	1.08657e	10.14	685935	14.04
09 E05Y0	224712	7.39	867442	10.14	528349	14.04
10 E05Y1	235837	7.39	929448	10.14	577406	14.04
11 E05Y3	267025	7.39	1.02743e	10.14	632918	14.04
12 SLCS538	239356	7.39	967877	10.15	637759	14.05

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.: BM080924 SAS No.: BM080924 SDG NO.: BM080924

EPA Sample No.: SSTD020136 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BM047099.D Time Analyzed: 00:50

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	240988	7.387	979289	10.15	639705	14.04
UPPER LIMIT	481976	7.887	1958578	10.645	1279410	14.539
LOWER LIMIT	120494	6.887	489644.5	9.645	319852.5	13.539
EPA SAMPLE NO.						
01 SBLK448	225888	7.39	879328	10.14	544038	14.04
02 E05Z2	215548	7.39	857674	10.14	523949	14.04
03 E05Z3	257898	7.39	999045	10.14	613957	14.04
04 E05Z4	255414	7.39	997752	10.14	621775	14.04
05 E0601	278021	7.39	1.08789e	10.14	703851	14.04
06 E05X1	300235	7.39	1.16948e	10.14	736754	14.04
07 E05X0	289821	7.39	1.11548e	10.14	711559	14.04
08 E05W9	244089	7.39	963418	10.14	608162	14.04
09 E05X5	277390	7.39	1.10375e	10.14	703089	14.04
10 E05X7	263062	7.39	1.04162e	10.14	653358	14.04
11 E05W0	291697	7.39	1.11985e	10.14	692203	14.04
12 E0600	267102	7.39	1.03878e	10.14	649918	14.04
13 E05Z7	259246	7.39	1.04851e	10.14	668532	14.04

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.: BM080924 SAS No.: BM080924 SDG NO.: BM080924

EPA Sample No.: SSTD020008 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 15:25

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	547169	16.821	545699	21.056	700590	23.774
	UPPER LIMIT	1094338	17.321	1091398	21.556	1401180	24.274
	LOWER LIMIT	273584.5	16.321	272849.5	20.556	350295	23.274
	EPA SAMPLE NO.						
01	SBLK538	1.07839	16.80	901192	21.03	1.02448e+	23.74
02	E05W1	943812	16.80	834979	21.03	1.0034e+0	23.73
03	E05W3	1.28328*	16.80	1.1007e+0 *	21.03	1.3418e+0	23.74
04	E05W6	1.14831*	16.80	1.00261e+	21.03	1.22026e+	23.74
05	E05W8	1.1292e*	16.80	992496	21.03	1.20011e+	23.74
06	E05W8MS	1.36114*	16.80	1.16798e+ *	21.04	1.35748e+	23.74
07	E05W8MSD	1.25408*	16.80	1.03835e+	21.04	1.20143e+	23.74
08	E05X3	1.38421*	16.80	1.16225e+ *	21.03	1.32087e+	23.74
09	E05Y0	1.0621e	16.80	922953	21.03	1.11255e+	23.73
10	E05Y1	1.15938*	16.80	1.02673e+	21.03	1.23786e+	23.73
11	E05Y3	1.27415*	16.80	1.09739e+ *	21.03	1.31922e+	23.73
12	SLCS538	1.33903*	16.80	1.14132e+ *	21.04	1.36905e+	23.74
13	SBLK448	1.09378	16.80	905747	21.03	1.01635e+	23.73
14	E05Z2	1.05756	16.80	1.07299e+	21.03	1.42215e+ *	23.74
15	E05Z3	1.24782*	16.80	1.1075e+0 *	21.03	1.27617e+	23.73
16	E05Z4	1.27398*	16.80	1.0922e+0 *	21.03	1.26638e+	23.73
17	E0601	1.48592*	16.80	1.2967e+0 *	21.03	1.44559e+ *	23.73
18	E05X1	1.4973e*	16.80	1.29215e+ *	21.03	1.46311e+ *	23.74
19	E05X0	1.46218*	16.80	1.29261e+ *	21.03	1.44942e+ *	23.74
20	E05W9	1.23756*	16.80	1.0709e+0	21.03	1.0314e+0	23.73
21	E05X5	1.43806*	16.80	1.22195e+ *	21.03	1.37853e+	23.73

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080924 SAS No.: BM080924 SDG NO.: BM080924

EPA Sample No.: SSTD020008 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 06:51

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	547169	16.821	545699	21.056	700590	23.774
UPPER LIMIT	1094338	17.321	1091398	21.556	1401180	24.274
LOWER LIMIT	273584.5	16.321	272849.5	20.556	350295	23.274
EPA SAMPLE NO.						
22 E05X7	1.32581*	16.80	1.13614e+ *	21.03	1.29608e+	23.73
23 E05W0	1.39648*	16.80	1.24041e+ *	21.03	1.44333e+ *	23.73
24 E0600	1.30669*	16.80	1.10253e+ *	21.03	1.27107e+	23.74
25 E05Z7	1.36531*	16.80	1.17548e+ *	21.03	1.39e+006	23.74

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.: BM080924 SAS No.: BM080924 SDG NO.: BM080924

EPA Sample No.: SSTD020135 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BM047086.D Time Analyzed: 15:25

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	1.14893e+01	16.803	979790	21.038	1.11787e+01	23.738
UPPER LIMIT	2297860	17.303	1959580	21.538	2235740	24.238
LOWER LIMIT	574465	16.303	489895	20.538	558935	23.238
EPA SAMPLE NO.						
01 SBLK538	1.07839	16.80	901192	21.03	1.02448e+	23.74
02 E05W1	943812	16.80	834979	21.03	1.0034e+0	23.73
03 E05W3	1.28328	16.80	1.1007e+0	21.03	1.3418e+0	23.74
04 E05W6	1.14831	16.80	1.00261e+	21.03	1.22026e+	23.74
05 E05W8	1.1292e	16.80	992496	21.03	1.20011e+	23.74
06 E05W8MS	1.36114	16.80	1.16798e+	21.04	1.35748e+	23.74
07 E05W8MSD	1.25408	16.80	1.03835e+	21.04	1.20143e+	23.74
08 E05X3	1.38421	16.80	1.16225e+	21.03	1.32087e+	23.74
09 E05Y0	1.0621e	16.80	922953	21.03	1.11255e+	23.73
10 E05Y1	1.15938	16.80	1.02673e+	21.03	1.23786e+	23.73
11 E05Y3	1.27415	16.80	1.09739e+	21.03	1.31922e+	23.73
12 SLCS538	1.33903	16.80	1.14132e+	21.04	1.36905e+	23.74

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.: BM080924 SAS No.: BM080924 SDG NO.: BM080924

EPA Sample No.: SSTD020136 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BM047099.D Time Analyzed: 00:50

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	1.34139e+01	16.798	1.13524e+01	21.033	1.31313e+01	23.739
UPPER LIMIT	2682780	17.298	2270480	21.533	2626260	24.239
LOWER LIMIT	670695	16.298	567620	20.533	656565	23.239
EPA SAMPLE NO.						
01 SBLK448	1.09378	16.80	905747	21.03	1.01635e+01	23.73
02 E05Z2	1.05756	16.80	1.07299e+01	21.03	1.42215e+01	23.74
03 E05Z3	1.24782	16.80	1.1075e+01	21.03	1.27617e+01	23.73
04 E05Z4	1.27398	16.80	1.0922e+01	21.03	1.26638e+01	23.73
05 E0601	1.48592	16.80	1.2967e+01	21.03	1.44559e+01	23.73
06 E05X1	1.4973e	16.80	1.29215e+01	21.03	1.46311e+01	23.74
07 E05X0	1.46218	16.80	1.29261e+01	21.03	1.44942e+01	23.74
08 E05W9	1.23756	16.80	1.0709e+01	21.03	1.0314e+01	23.73
09 E05X5	1.43806	16.80	1.22195e+01	21.03	1.37853e+01	23.73
10 E05X7	1.32581	16.80	1.13614e+01	21.03	1.29608e+01	23.73
11 E05W0	1.39648	16.80	1.24041e+01	21.03	1.44333e+01	23.73
12 E0600	1.30669	16.80	1.10253e+01	21.03	1.27107e+01	23.74
13 E05Z7	1.36531	16.80	1.17548e+01	21.03	1.39e+006	23.74

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB162538BS	1,4-Dioxane	530	360	ug/Kg	68				0	0	
	Benzaldehyde	1300	1100	ug/Kg	85				0	0	
	Pyridine	1300	1100	ug/Kg	85				0	0	
	Phenol	1300	1200	ug/Kg	92				0	0	
	Bis(2-chloroethyl)ether	1300	1200	ug/Kg	92				0	0	
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0	
	2-Methylphenol	1300	1200	ug/Kg	92				0	0	
	2,2-oxybis(1-Chloropropane)	1300	1300	ug/Kg	100				0	0	
	Acetophenone	1300	1100	ug/Kg	85				0	0	
	4-Methylphenol	1300	1200	ug/Kg	92				0	0	
	N-Nitroso-di-n-propylamine	1300	1100	ug/Kg	85				0	0	
	Hexachloroethane	1300	1000	ug/Kg	77				0	0	
	Nitrobenzene	1300	1000	ug/Kg	77				0	0	
	Isophorone	1300	1100	ug/Kg	85				0	0	
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0	
	2,4-Dimethylphenol	1300	840	ug/Kg	65				0	0	
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0	
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0	
	Naphthalene	1300	1000	ug/Kg	77				0	0	
	4-Chloroaniline	1300	950	ug/Kg	73				0	0	
	Hexachlorobutadiene	1300	890	ug/Kg	68				0	0	
	Caprolactam	1300	1200	ug/Kg	92				0	0	
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0	
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0	
	Hexachlorocyclopentadiene	1300	650	ug/Kg	50				0	0	
	2,4,6-Trichlorophenol	1300	940	ug/Kg	72				0	0	
	2,4,5-Trichlorophenol	1300	980	ug/Kg	75				0	0	
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0	
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0	
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Acenaphthylene	1300	1100	ug/Kg	85				0	0	
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Acenaphthene	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrophenol	1300	920	ug/Kg	71				0	0	
	4-Nitrophenol	1300	930	ug/Kg	72				0	0	
	Dibenzofuran	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Diethylphthalate	1300	1000	ug/Kg	77				0	0	
	Fluorene	1300	1000	ug/Kg	77				0	0	
	4-Chlorophenyl-phenylether	1300	970	ug/Kg	75				0	0	
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM080924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162538BS	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0	
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	970	ug/Kg	75				0	0	
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0	
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Atrazine	1300	100	ug/Kg	8				0	0	
	Pentachlorophenol	1300	770	ug/Kg	59				0	0	
	Phenanthrene	1300	1100	ug/Kg	85				0	0	
	Pentachlorobenzene	1300	970	ug/Kg	75				0	0	
	Anthracene	1300	1100	ug/Kg	85				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0	
	Carbazole	1300	1100	ug/Kg	85				0	0	
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0	
	Fluoranthene	1300	1200	ug/Kg	92				0	0	
	Pyrene	1300	1200	ug/Kg	92				0	0	
	Butylbenzylphthalate	1300	1200	ug/Kg	92				0	0	
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0	
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0	
	Chrysene	1300	1100	ug/Kg	85				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1200	ug/Kg	92				0	0	
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0	
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0	
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0	
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0	
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0	
	2,3,4,6-Tetrachlorophenol	1300	820	ug/Kg	63				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK448

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080924

SAS No.: BM080924 SDG NO.: BM080924

Lab File ID: BM047100.D

Lab Sample ID: PB162448BL

Instrument ID: BNA_M

Date Extracted: 08/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/09/2024

Level: (low/med) LOW

Time Analyzed: 00:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E05Z2	P3434-11	BM047101.D	08/09/2024
E05Z3	P3434-12	BM047102.D	08/09/2024
E05Z4	P3434-13	BM047103.D	08/09/2024
E0601	P3434-15	BM047104.D	08/09/2024
E05X1	P3434-16	BM047105.D	08/09/2024
E05X0	P3434-08	BM047106.D	08/09/2024
E05W9	P3434-07	BM047107.D	08/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK538

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080924

SAS No.: BM080924 SDG NO.: BM080924

Lab File ID: BM047087.D

Lab Sample ID: PB162538BL

Instrument ID: BNA_M

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 15:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E05W1	P3435-02	BM047088.D	08/08/2024
E05W3	P3435-03	BM047089.D	08/08/2024
E05W6	P3435-04	BM047090.D	08/08/2024
E05W8	P3435-05	BM047091.D	08/08/2024
E05W8MS	P3435-06MS	BM047092.D	08/08/2024
E05W8MSD	P3435-07MSD	BM047093.D	08/08/2024
E05X3	P3435-08	BM047094.D	08/08/2024
E05Y0	P3435-11	BM047095.D	08/08/2024
E05Y1	P3435-12	BM047096.D	08/08/2024
E05Y3	P3435-13	BM047097.D	08/08/2024
PB162538BS	PB162538BS	BM047098.D	08/08/2024
E05X5	P3435-09	BM047108.D	08/09/2024
E05X7	P3435-10	BM047109.D	08/09/2024
E05W0	P3435-01	BM047110.D	08/09/2024
E0600	P3435-16	BM047111.D	08/09/2024
E05Z7	P3435-15	BM047112.D	08/09/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3435-06MS	Client Sample ID:	E05W8MS				DataFile:	BM047092.D			
1,4-Dioxane	740		470	ug/Kg	64				15	120	
Benzaldehyde	1900		1600	ug/Kg	84				0	0	
Pyridine	1900		1400	ug/Kg	74				0	0	
Phenol	1900		1500	ug/Kg	79				26	90	
Bis(2-chloroethyl)ether	1900		1400	ug/Kg	74				0	0	
2-Chlorophenol	1900		1400	ug/Kg	74				25	102	
2-Methylphenol	1900		1500	ug/Kg	79				0	0	
2,2-oxybis(1-Chloropropane)	1900		1600	ug/Kg	84				0	0	
Acetophenone	1900		1400	ug/Kg	74				0	0	
4-Methylphenol	1900		1500	ug/Kg	79				0	0	
N-Nitroso-di-n-propylamine	1900		1400	ug/Kg	74				41	126	
Hexachloroethane	1900		1300	ug/Kg	68				0	0	
Nitrobenzene	1900		1300	ug/Kg	68				0	0	
Isophorone	1900		1400	ug/Kg	74				0	0	
2-Nitrophenol	1900		1400	ug/Kg	74				0	0	
2,4-Dimethylphenol	1900		1200	ug/Kg	63				0	0	
Bis(2-chloroethoxy)methane	1900		1400	ug/Kg	74				0	0	
2,4-Dichlorophenol	1900		1400	ug/Kg	74				0	0	
Naphthalene	1900		1300	ug/Kg	68				0	0	
4-Chloroaniline	1900		1300	ug/Kg	68				0	0	
Hexachlorobutadiene	1900		1100	ug/Kg	58				0	0	
Caprolactam	1900		1500	ug/Kg	79				0	0	
4-Chloro-3-methylphenol	1900		1400	ug/Kg	74				26	103	
1-Methylnaphthalene	1900		1400	ug/Kg	74				0	0	
2-Methylnaphthalene	1900		1400	ug/Kg	74				0	0	
Hexachlorocyclopentadiene	1900		810	ug/Kg	43				0	0	
2,4,6-Trichlorophenol	1900		1400	ug/Kg	74				0	0	
2,4,5-Trichlorophenol	1900		1400	ug/Kg	74				0	0	
1,1'-Biphenyl	1900		1300	ug/Kg	68				0	0	
2-Chloronaphthalene	1900		1400	ug/Kg	74				0	0	
2-Nitroaniline	1900		1500	ug/Kg	79				0	0	
Dimethylphthalate	1900		1400	ug/Kg	74				0	0	
2,6-Dinitrotoluene	1900		1500	ug/Kg	79				0	0	
Acenaphthylene	1900		1400	ug/Kg	74				0	0	
3-Nitroaniline	1900		1600	ug/Kg	84				0	0	
Acenaphthene	1900		1400	ug/Kg	74				31	137	
2,4-Dinitrophenol	1900		1200	ug/Kg	63				0	0	
4-Nitrophenol	1900		1200	ug/Kg	63				11	114	
Dibenzofuran	1900		1300	ug/Kg	68				0	0	
2,4-Dinitrotoluene	1900		1500	ug/Kg	79				28	89	
Diethylphthalate	1900		1300	ug/Kg	68				0	0	
Fluorene	1900		1400	ug/Kg	74				0	0	
4-Chlorophenyl-phenylether	1900		1300	ug/Kg	68				0	0	
4-Nitroaniline	1900		1700	ug/Kg	89				0	0	
4,6-Dinitro-2-methylphenol	1900		1300	ug/Kg	68				0	0	
N-Nitrosodiphenylamine	1900		1400	ug/Kg	74				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080924

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	1900		1300	ug/Kg	68				0	0	
4-Bromophenyl-phenylether	1900		1300	ug/Kg	68				0	0	
Hexachlorobenzene	1900		1400	ug/Kg	74				0	0	
Atrazine	1900		1100	ug/Kg	58				0	0	
Pentachlorophenol	1900		1300	ug/Kg	68				17	109	
Phenanthrene	1900		1400	ug/Kg	74				0	0	
Pentachlorobenzene	1900		1200	ug/Kg	63				0	0	
Anthracene	1900		1400	ug/Kg	74				0	0	
1,2,3,4-Tetrachlorobenzene	1900		1300	ug/Kg	68				0	0	
Carbazole	1900		1400	ug/Kg	74				0	0	
Di-n-butylphthalate	1900		1400	ug/Kg	74				0	0	
Fluoranthene	1900		1500	ug/Kg	79				0	0	
Pyrene	1900		1500	ug/Kg	79				35	142	
Butylbenzylphthalate	1900		1600	ug/Kg	84				0	0	
3,3'-Dichlorobenzidine	1900		1300	ug/Kg	68				0	0	
Benzo(a)anthracene	1900		1400	ug/Kg	74				0	0	
Chrysene	1900		1400	ug/Kg	74				0	0	
Bis(2-ethylhexyl)phthalate	1900		1500	ug/Kg	79				0	0	
Di-n-octylphthalate	1900		1500	ug/Kg	79				0	0	
Benzo(b)fluoranthene	1900		1500	ug/Kg	79				0	0	
Benzo(k)fluoranthene	1900		1500	ug/Kg	79				0	0	
Benzo(a)pyrene	1900		1400	ug/Kg	74				0	0	
Indeno(1,2,3-cd)pyrene	1900		1500	ug/Kg	79				0	0	
Dibenzo(a,h)anthracene	1900		1500	ug/Kg	79				0	0	
Benzo(g,h,i)perylene	1900		1500	ug/Kg	79				0	0	
2,3,4,6-Tetrachlorophenol	1900		1300	ug/Kg	68				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3435-07MSD	Client Sample ID:	E05W8MSD					DataFile:	BM047093.D		
1,4-Dioxane	740		650	ug/Kg	88		32		15	120	50
Benzaldehyde	1900		2100	ug/Kg	111		28	*	0	0	0
Pyridine	1900		1800	ug/Kg	95		25	*	0	0	0
Phenol	1900		2100	ug/Kg	111	*	34		26	90	35
Bis(2-chloroethyl)ether	1900		2000	ug/Kg	105		35	*	0	0	0
2-Chlorophenol	1900		2000	ug/Kg	105	*	35		25	102	50
2-Methylphenol	1900		2100	ug/Kg	111		34	*	0	0	0
2,2-oxybis(1-Chloropropane)	1900		2200	ug/Kg	116		32	*	0	0	0
Acetophenone	1900		2000	ug/Kg	105		35	*	0	0	0
4-Methylphenol	1900		2100	ug/Kg	111		34	*	0	0	0
N-Nitroso-di-n-propylamine	1900		2000	ug/Kg	105		35		41	126	38
Hexachloroethane	1900		1700	ug/Kg	89		27	*	0	0	0
Nitrobenzene	1900		1800	ug/Kg	95		33	*	0	0	0
Isophorone	1900		1900	ug/Kg	100		30	*	0	0	0
2-Nitrophenol	1900		2000	ug/Kg	105		35	*	0	0	0
2,4-Dimethylphenol	1900		1700	ug/Kg	89		34	*	0	0	0
Bis(2-chloroethoxy)methane	1900		1900	ug/Kg	100		30	*	0	0	0
2,4-Dichlorophenol	1900		1900	ug/Kg	100		30	*	0	0	0
Naphthalene	1900		1800	ug/Kg	95		33	*	0	0	0
4-Chloroaniline	1900		1700	ug/Kg	89		27	*	0	0	0
Hexachlorobutadiene	1900		1600	ug/Kg	84		37	*	0	0	0
Caprolactam	1900		2100	ug/Kg	111		34	*	0	0	0
4-Chloro-3-methylphenol	1900		2000	ug/Kg	105	*	35	*	26	103	33
1-Methylnaphthalene	1900		1900	ug/Kg	100		30	*	0	0	0
2-Methylnaphthalene	1900		1900	ug/Kg	100		30	*	0	0	0
Hexachlorocyclopentadiene	1900		1200	ug/Kg	63		38	*	0	0	0
2,4,6-Trichlorophenol	1900		2000	ug/Kg	105		35	*	0	0	0
2,4,5-Trichlorophenol	1900		2000	ug/Kg	105		35	*	0	0	0
1,1'-Biphenyl	1900		1900	ug/Kg	100		38	*	0	0	0
2-Chloronaphthalene	1900		1900	ug/Kg	100		30	*	0	0	0
2-Nitroaniline	1900		2100	ug/Kg	111		34	*	0	0	0
Dimethylphthalate	1900		1900	ug/Kg	100		30	*	0	0	0
2,6-Dinitrotoluene	1900		2100	ug/Kg	111		34	*	0	0	0
Acenaphthylene	1900		1900	ug/Kg	100		30	*	0	0	0
3-Nitroaniline	1900		2200	ug/Kg	116		32	*	0	0	0
Acenaphthene	1900		1900	ug/Kg	100		30	*	31	137	19
2,4-Dinitrophenol	1900		1800	ug/Kg	95		41	*	0	0	0
4-Nitrophenol	1900		1700	ug/Kg	89		34		11	114	50
Dibenzofuran	1900		1800	ug/Kg	95		33	*	0	0	0
2,4-Dinitrotoluene	1900		2000	ug/Kg	105	*	28		28	89	47
Diethylphthalate	1900		1800	ug/Kg	95		33	*	0	0	0
Fluorene	1900		1800	ug/Kg	95		25	*	0	0	0
4-Chlorophenyl-phenylether	1900		1700	ug/Kg	89		27	*	0	0	0
4-Nitroaniline	1900		2300	ug/Kg	121		30	*	0	0	0
4,6-Dinitro-2-methylphenol	1900		1800	ug/Kg	95		33	*	0	0	0
N-Nitrosodiphenylamine	1900		1900	ug/Kg	100		30	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080924

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	1900		1800	ug/Kg	95	33	*		0	0	0
4-Bromophenyl-phenylether	1900		1900	ug/Kg	100	38	*		0	0	0
Hexachlorobenzene	1900		1900	ug/Kg	100	30	*		0	0	0
Atrazine	1900		1600	ug/Kg	84	37	*		0	0	0
Pentachlorophenol	1900		1800	ug/Kg	95	33			17	109	47
Phenanthrene	1900		1900	ug/Kg	100	30	*		0	0	0
Pentachlorobenzene	1900		1700	ug/Kg	89	34	*		0	0	0
Anthracene	1900		1900	ug/Kg	100	30	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1900		1800	ug/Kg	95	33	*		0	0	0
Carbazole	1900		1900	ug/Kg	100	30	*		0	0	0
Di-n-butylphthalate	1900		1900	ug/Kg	100	30	*		0	0	0
Fluoranthene	1900		2200	ug/Kg	116	38	*		0	0	0
Pyrene	1900		2100	ug/Kg	111	34			35	142	36
Butylbenzylphthalate	1900		2200	ug/Kg	116	32	*		0	0	0
3,3'-Dichlorobenzidine	1900		1900	ug/Kg	100	38	*		0	0	0
Benzo(a)anthracene	1900		2000	ug/Kg	105	35	*		0	0	0
Chrysene	1900		2000	ug/Kg	105	35	*		0	0	0
Bis(2-ethylhexyl)phthalate	1900		2100	ug/Kg	111	34	*		0	0	0
Di-n-octylphthalate	1900		2100	ug/Kg	111	34	*		0	0	0
Benzo(b)fluoranthene	1900		2100	ug/Kg	111	34	*		0	0	0
Benzo(k)fluoranthene	1900		2100	ug/Kg	111	34	*		0	0	0
Benzo(a)pyrene	1900		2000	ug/Kg	105	35	*		0	0	0
Indeno(1,2,3-cd)pyrene	1900		2000	ug/Kg	105	28	*		0	0	0
Dibenzo(a,h)anthracene	1900		2000	ug/Kg	105	28	*		0	0	0
Benzo(g,h,i)perylene	1900		2000	ug/Kg	105	28	*		0	0	0
2,3,4,6-Tetrachlorophenol	1900		1900	ug/Kg	100	38	*		0	0	0

Surrogate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3434-07	E05W9	BM047107.D	1,4-Dioxane-d8	8	4.12	51		15	120
			Pyridine-d5	40	24.03	60		20	120
			Phenol-d5	40	30.02	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.05	70		10	150
			2-Chlorophenol-d4	40	28.13	70		15	120
			4-Methylphenol-d8	40	29.16	73		10	140
			Nitrobenzene-d5	40	28.55	71		10	135
			2-Nitrophenol-d4	40	29.96	75		10	120
			2,4-Dichlorophenol-d3	40	28.39	71		10	140
			4-Chloroaniline-d4	40	18.58	46		1	145
			Dimethylphthalate-d6	40	28.33	71		10	145
			Acenaphthylene-d8	40	28.74	72		15	120
			4-Nitrophenol-d4	40	20.69	52		10	150
			Fluorene-d10	40	28.68	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.31	43		10	130
			Anthracene-d10	40	21.40	53		10	150
			Pyrene-d10	40	30.27	76		10	130
			Benzo(a)pyrene-d12	40	23.50	59		10	140
P3434-08	E05X0	BM047106.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Pyridine-d5	40	17.09	43		20	120
			Phenol-d5	40	23.06	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.18	53		10	150
			2-Chlorophenol-d4	40	21.38	53		15	120
			4-Methylphenol-d8	40	22.62	57		10	140
			Nitrobenzene-d5	40	22.44	56		10	135
			2-Nitrophenol-d4	40	23.14	58		10	120
			2,4-Dichlorophenol-d3	40	22.91	57		10	140
			4-Chloroaniline-d4	40	20.16	50		1	145
			Dimethylphthalate-d6	40	22.55	56		10	145
			Acenaphthylene-d8	40	24.13	60		15	120
			4-Nitrophenol-d4	40	16.99	42		10	150
			Fluorene-d10	40	23.54	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.41	39		10	130
			Anthracene-d10	40	23.79	59		10	150
			Pyrene-d10	40	24.81	62		10	130
			Benzo(a)pyrene-d12	40	24.58	61		10	140
P3434-11	E05Z2	BM047101.D	1,4-Dioxane-d8	8	1.43	18		15	120
			Pyridine-d5	40	1.49	4	*	20	120
			Phenol-d5	40	9.02	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.36	23		10	150
			2-Chlorophenol-d4	40	8.30	21		15	120
			4-Methylphenol-d8	40	8.58	21		10	140
			Nitrobenzene-d5	40	8.15	20		10	135
			2-Nitrophenol-d4	40	7.30	18		10	120
			2,4-Dichlorophenol-d3	40	7.27	18		10	140
			4-Chloroaniline-d4	40	5.40	14		1	145
			Dimethylphthalate-d6	40	8.27	21		10	145
			Acenaphthylene-d8	40	8.58	21		15	120
			4-Nitrophenol-d4	40	4.15	10		10	150

Surrogate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3434-11	E05Z2	BM047101.D	Fluorene-d10	40	8.70	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.41	4	*	10	130
			Anthracene-d10	40	8.92	22		10	150
			Pyrene-d10	40	6.91	17		10	130
			Benzo(a)pyrene-d12	40	5.51	14		10	140
P3434-12	E05Z3	BM047102.D	1,4-Dioxane-d8	8	1.36	17		15	120
			Pyridine-d5	40	1.49	4	*	20	120
			Phenol-d5	40	8.79	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.60	22		10	150
			2-Chlorophenol-d4	40	8.38	21		15	120
			4-Methylphenol-d8	40	7.21	18		10	140
			Nitrobenzene-d5	40	8.04	20		10	135
			2-Nitrophenol-d4	40	7.75	19		10	120
			2,4-Dichlorophenol-d3	40	7.90	20		10	140
			4-Chloroaniline-d4	40	3.55	9		1	145
			Dimethylphthalate-d6	40	8.33	21		10	145
			Acenaphthylene-d8	40	8.72	22		15	120
			4-Nitrophenol-d4	40	5.85	15		10	150
			Fluorene-d10	40	8.76	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.54	11		10	130
			Anthracene-d10	40	8.69	22		10	150
			Pyrene-d10	40	7.75	19		10	130
			Benzo(a)pyrene-d12	40	5.40	14		10	140
P3434-13	E05Z4	BM047103.D	1,4-Dioxane-d8	8	1.37	17		15	120
			Pyridine-d5	40	1.11	3	*	20	120
			Phenol-d5	40	9.31	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.15	23		10	150
			2-Chlorophenol-d4	40	8.95	22		15	120
			4-Methylphenol-d8	40	8.61	22		10	140
			Nitrobenzene-d5	40	8.59	21		10	135
			2-Nitrophenol-d4	40	8.33	21		10	120
			2,4-Dichlorophenol-d3	40	8.35	21		10	140
			4-Chloroaniline-d4	40	5.10	13		1	145
			Dimethylphthalate-d6	40	8.61	22		10	145
			Acenaphthylene-d8	40	9.08	23		15	120
			4-Nitrophenol-d4	40	5.21	13		10	150
			Fluorene-d10	40	9.14	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.03	10		10	130
			Anthracene-d10	40	9.26	23		10	150
			Pyrene-d10	40	8.30	21		10	130
			Benzo(a)pyrene-d12	40	5.63	14		10	140
P3434-15	E0601	BM047104.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	17.03	43		20	120
			Phenol-d5	40	21.91	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.14	50		10	150
			2-Chlorophenol-d4	40	20.19	50		15	120
			4-Methylphenol-d8	40	21.95	55		10	140
			Nitrobenzene-d5	40	20.31	51		10	135
			2-Nitrophenol-d4	40	21.11	53		10	120

Surrogate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3434-15	E0601	BM047104.D	2,4-Dichlorophenol-d3	40	21.11	53		10	140
			4-Chloroaniline-d4	40	17.21	43		1	145
			Dimethylphthalate-d6	40	20.38	51		10	145
			Acenaphthylene-d8	40	22.04	55		15	120
			4-Nitrophenol-d4	40	16.73	42		10	150
			Fluorene-d10	40	21.31	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.15	35		10	130
			Anthracene-d10	40	21.32	53		10	150
			Pyrene-d10	40	22.79	57		10	130
			Benzo(a)pyrene-d12	40	22.31	56		10	140
P3434-16	E05X1	BM047105.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Pyridine-d5	40	17.73	44		20	120
			Phenol-d5	40	21.99	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.24	51		10	150
			2-Chlorophenol-d4	40	20.56	51		15	120
			4-Methylphenol-d8	40	21.21	53		10	140
			Nitrobenzene-d5	40	20.89	52		10	135
			2-Nitrophenol-d4	40	21.52	54		10	120
			2,4-Dichlorophenol-d3	40	20.75	52		10	140
			4-Chloroaniline-d4	40	19.59	49		1	145
			Dimethylphthalate-d6	40	20.44	51		10	145
			Acenaphthylene-d8	40	21.89	55		15	120
			4-Nitrophenol-d4	40	13.88	35		10	150
			Fluorene-d10	40	20.86	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.83	32		10	130
			Anthracene-d10	40	21.47	54		10	150
			Pyrene-d10	40	22.54	56		10	130
			Benzo(a)pyrene-d12	40	22.17	55		10	140
PB162448BL	PB162448BL	BM047100.D	1,4-Dioxane-d8	8	5.73	72		15	120
			Pyridine-d5	40	28.98	72		20	120
			Phenol-d5	40	30.69	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.05	75		10	150
			2-Chlorophenol-d4	40	28.40	71		15	120
			4-Methylphenol-d8	40	29.52	74		10	140
			Nitrobenzene-d5	40	28.76	72		10	135
			2-Nitrophenol-d4	40	28.28	71		10	120
			2,4-Dichlorophenol-d3	40	26.74	67		10	140
			4-Chloroaniline-d4	40	28.06	70		1	145
			Dimethylphthalate-d6	40	27.13	68		10	145
			Acenaphthylene-d8	40	28.47	71		15	120
			4-Nitrophenol-d4	40	23.76	59		10	150
			Fluorene-d10	40	27.20	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.10	53		10	130
			Anthracene-d10	40	28.84	72		10	150
			Pyrene-d10	40	31.19	78		10	130
			Benzo(a)pyrene-d12	40	28.72	72		10	140

Surrogate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3435-01	E05W0	BM047110.D	1,4-Dioxane-d8	8	2.75	34		15	120
			Pyridine-d5	40	15.20	38		20	120
			Phenol-d5	40	19.19	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.99	45		10	150
			2-Chlorophenol-d4	40	18.27	46		15	120
			4-Methylphenol-d8	40	19.61	49		10	140
			Nitrobenzene-d5	40	18.03	45		10	135
			2-Nitrophenol-d4	40	18.34	46		10	120
			2,4-Dichlorophenol-d3	40	18.05	45		10	140
			4-Chloroaniline-d4	40	18.44	46		1	145
			Dimethylphthalate-d6	40	18.86	47		10	145
			Acenaphthylene-d8	40	19.90	50		15	120
			4-Nitrophenol-d4	40	11.59	29		10	150
			Fluorene-d10	40	19.43	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.60	22		10	130
			Anthracene-d10	40	20.07	50		10	150
			Pyrene-d10	40	20.89	52		10	130
			Benzo(a)pyrene-d12	40	20.97	52		10	140
P3435-02	E05W1	BM047088.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	17.51	44		20	120
			Phenol-d5	40	21.77	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.98	55		10	150
			2-Chlorophenol-d4	40	20.67	52		15	120
			4-Methylphenol-d8	40	21.81	55		10	140
			Nitrobenzene-d5	40	21.01	53		10	135
			2-Nitrophenol-d4	40	20.12	50		10	120
			2,4-Dichlorophenol-d3	40	19.41	49		10	140
			4-Chloroaniline-d4	40	21.02	53		1	145
			Dimethylphthalate-d6	40	22.40	56		10	145
			Acenaphthylene-d8	40	22.69	57		15	120
			4-Nitrophenol-d4	40	10.26	26		10	150
			Fluorene-d10	40	22.25	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.58	24		10	130
			Anthracene-d10	40	23.99	60		10	150
			Pyrene-d10	40	25.12	63		10	130
			Benzo(a)pyrene-d12	40	24.83	62		10	140
P3435-03	E05W3	BM047089.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	16.06	40		20	120
			Phenol-d5	40	18.93	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.12	45		10	150
			2-Chlorophenol-d4	40	17.31	43		15	120
			4-Methylphenol-d8	40	18.98	47		10	140
			Nitrobenzene-d5	40	16.68	42		10	135
			2-Nitrophenol-d4	40	16.57	41		10	120
			2,4-Dichlorophenol-d3	40	16.23	41		10	140
			4-Chloroaniline-d4	40	17.86	45		1	145
			Dimethylphthalate-d6	40	17.89	45		10	145
			Acenaphthylene-d8	40	18.51	46		15	120
			4-Nitrophenol-d4	40	11.69	29		10	150

Surrogate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3435-03	E05W3	BM047089.D	Fluorene-d10	40	18.33	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.16	23		10	130
			Anthracene-d10	40	19.34	48		10	150
			Pyrene-d10	40	20.48	51		10	130
			Benzo(a)pyrene-d12	40	19.24	48		10	140
P3435-04	E05W6	BM047090.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	15.69	39		20	120
			Phenol-d5	40	17.97	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.47	51		10	150
			2-Chlorophenol-d4	40	18.61	47		15	120
			4-Methylphenol-d8	40	19.41	49		10	140
			Nitrobenzene-d5	40	18.70	47		10	135
			2-Nitrophenol-d4	40	17.68	44		10	120
			2,4-Dichlorophenol-d3	40	17.56	44		10	140
			4-Chloroaniline-d4	40	19.22	48		1	145
			Dimethylphthalate-d6	40	19.78	49		10	145
			Acenaphthylene-d8	40	20.69	52		15	120
			4-Nitrophenol-d4	40	2.92	7	*	10	150
			Fluorene-d10	40	20.08	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.61	7	*	10	130
			Anthracene-d10	40	21.64	54		10	150
			Pyrene-d10	40	22.72	57		10	130
			Benzo(a)pyrene-d12	40	21.85	55		10	140
P3435-05	E05W8	BM047091.D	1,4-Dioxane-d8	8	3.72	46		15	120
			Pyridine-d5	40	20.36	51		20	120
			Phenol-d5	40	24.95	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.90	57		10	150
			2-Chlorophenol-d4	40	22.23	56		15	120
			4-Methylphenol-d8	40	25.01	63		10	140
			Nitrobenzene-d5	40	21.08	53		10	135
			2-Nitrophenol-d4	40	21.06	53		10	120
			2,4-Dichlorophenol-d3	40	21.48	54		10	140
			4-Chloroaniline-d4	40	23.00	58		1	145
			Dimethylphthalate-d6	40	23.87	60		10	145
			Acenaphthylene-d8	40	23.90	60		15	120
			4-Nitrophenol-d4	40	16.14	40		10	150
			Fluorene-d10	40	24.08	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.39	31		10	130
			Anthracene-d10	40	25.91	65		10	150
			Pyrene-d10	40	26.80	67		10	130
			Benzo(a)pyrene-d12	40	25.99	65		10	140
P3435-06MS	E05W8MS	BM047092.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	18.95	47		20	120
			Phenol-d5	40	24.81	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.93	55		10	150
			2-Chlorophenol-d4	40	21.92	55		15	120
			4-Methylphenol-d8	40	25.02	63		10	140
			Nitrobenzene-d5	40	20.70	52		10	135
			2-Nitrophenol-d4	40	20.87	52		10	120

Surrogate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3435-06MS	E05W8MS	BM047092.D	2,4-Dichlorophenol-d3	40	23.04	58		10	140
			4-Chloroaniline-d4	40	22.06	55		1	145
			Dimethylphthalate-d6	40	23.05	58		10	145
			Acenaphthylene-d8	40	23.45	59		15	120
			4-Nitrophenol-d4	40	18.46	46		10	150
			Fluorene-d10	40	23.59	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.32	41		10	130
			Anthracene-d10	40	24.34	61		10	150
			Pyrene-d10	40	26.20	66		10	130
			Benzo(a)pyrene-d12	40	25.82	65		10	140
P3435-07MSD	E05W8MSD	BM047093.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Pyridine-d5	40	26.08	65		20	120
			Phenol-d5	40	34.00	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.50	76		10	150
			2-Chlorophenol-d4	40	30.42	76		15	120
			4-Methylphenol-d8	40	35.03	88		10	140
			Nitrobenzene-d5	40	28.97	72		10	135
			2-Nitrophenol-d4	40	29.76	74		10	120
			2,4-Dichlorophenol-d3	40	32.41	81		10	140
			4-Chloroaniline-d4	40	30.28	76		1	145
			Dimethylphthalate-d6	40	32.02	80		10	145
			Acenaphthylene-d8	40	32.27	81		15	120
			4-Nitrophenol-d4	40	25.98	65		10	150
			Fluorene-d10	40	32.05	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.61	57		10	130
			Anthracene-d10	40	32.82	82		10	150
			Pyrene-d10	40	37.24	93		10	130
			Benzo(a)pyrene-d12	40	35.90	90		10	140
P3435-08	E05X3	BM047094.D	1,4-Dioxane-d8	8	2.06	26		15	120
			Pyridine-d5	40	11.00	27		20	120
			Phenol-d5	40	13.09	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.94	32		10	150
			2-Chlorophenol-d4	40	12.58	31		15	120
			4-Methylphenol-d8	40	12.90	32		10	140
			Nitrobenzene-d5	40	11.85	30		10	135
			2-Nitrophenol-d4	40	11.77	29		10	120
			2,4-Dichlorophenol-d3	40	11.81	30		10	140
			4-Chloroaniline-d4	40	12.16	30		1	145
			Dimethylphthalate-d6	40	12.15	30		10	145
			Acenaphthylene-d8	40	12.76	32		15	120
			4-Nitrophenol-d4	40	6.11	15		10	150
			Fluorene-d10	40	12.53	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.41	14		10	130
			Anthracene-d10	40	12.88	32		10	150
			Pyrene-d10	40	13.79	34		10	130
			Benzo(a)pyrene-d12	40	12.88	32		10	140
P3435-09	E05X5	BM047108.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Pyridine-d5	40	13.29	33		20	120
			Phenol-d5	40	16.70	42		10	130

Surrogate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3435-09	E05X5	BM047108.D	Bis(2-Chloroethyl)ether-d8	40	15.35	38		10	150
			2-Chlorophenol-d4	40	15.80	39		15	120
			4-Methylphenol-d8	40	16.97	42		10	140
			Nitrobenzene-d5	40	15.17	38		10	135
			2-Nitrophenol-d4	40	14.97	37		10	120
			2,4-Dichlorophenol-d3	40	15.34	38		10	140
			4-Chloroaniline-d4	40	15.46	39		1	145
			Dimethylphthalate-d6	40	15.50	39		10	145
			Acenaphthylene-d8	40	16.46	41		15	120
			4-Nitrophenol-d4	40	8.68	22		10	150
			Fluorene-d10	40	15.94	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.59	14		10	130
			Anthracene-d10	40	16.83	42		10	150
			Pyrene-d10	40	17.80	44		10	130
			Benzo(a)pyrene-d12	40	17.25	43		10	140
P3435-10	E05X7	BM047109.D	1,4-Dioxane-d8	8	1.87	23		15	120
			Pyridine-d5	40	7.23	18	*	20	120
			Phenol-d5	40	10.91	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.01	28		10	150
			2-Chlorophenol-d4	40	9.89	25		15	120
			4-Methylphenol-d8	40	10.93	27		10	140
			Nitrobenzene-d5	40	10.36	26		10	135
			2-Nitrophenol-d4	40	8.21	21		10	120
			2,4-Dichlorophenol-d3	40	8.62	22		10	140
			4-Chloroaniline-d4	40	8.51	21		1	145
			Dimethylphthalate-d6	40	9.93	25		10	145
			Acenaphthylene-d8	40	10.71	27		15	120
			4-Nitrophenol-d4	40	0.26	1	*	10	150
			Fluorene-d10	40	10.41	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.19	0	*	10	130
			Anthracene-d10	40	10.53	26		10	150
			Pyrene-d10	40	11.22	28		10	130
P3435-11	E05Y0	BM047095.D	Benzo(a)pyrene-d12	40	10.66	27		10	140
			1,4-Dioxane-d8	8	2.27	28		15	120
			Pyridine-d5	40	12.33	31		20	120
			Phenol-d5	40	14.92	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.02	40		10	150
			2-Chlorophenol-d4	40	14.74	37		15	120
			4-Methylphenol-d8	40	15.37	38		10	140
			Nitrobenzene-d5	40	14.79	37		10	135
			2-Nitrophenol-d4	40	14.35	36		10	120
			2,4-Dichlorophenol-d3	40	13.84	35		10	140
			4-Chloroaniline-d4	40	15.03	38		1	145
			Dimethylphthalate-d6	40	15.89	40		10	145
			Acenaphthylene-d8	40	16.30	41		15	120
			4-Nitrophenol-d4	40	3.38	8	*	10	150
			Fluorene-d10	40	16.17	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.89	7	*	10	130
			Anthracene-d10	40	17.17	43		10	150

Surrogate Summary

SW-846

SDG No.: **BM080924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3435-11	E05Y0	BM047095.D	Pyrene-d10	40	17.94	45		10	130
			Benzo(a)pyrene-d12	40	17.02	43		10	140
P3435-12	E05Y1	BM047096.D	1,4-Dioxane-d8	8	3.56	45		15	120
			Pyridine-d5	40	21.05	53		20	120
			Phenol-d5	40	23.42	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.31	61		10	150
			2-Chlorophenol-d4	40	23.17	58		15	120
			4-Methylphenol-d8	40	24.05	60		10	140
			Nitrobenzene-d5	40	22.51	56		10	135
			2-Nitrophenol-d4	40	22.23	56		10	120
			2,4-Dichlorophenol-d3	40	21.35	53		10	140
			4-Chloroaniline-d4	40	22.99	57		1	145
			Dimethylphthalate-d6	40	22.81	57		10	145
			Acenaphthylene-d8	40	23.77	59		15	120
			4-Nitrophenol-d4	40	5.25	13		10	150
			Fluorene-d10	40	23.15	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.61	12		10	130
			Anthracene-d10	40	24.60	61		10	150
			Pyrene-d10	40	25.05	63		10	130
			Benzo(a)pyrene-d12	40	24.88	62		10	140
P3435-13	E05Y3	BM047097.D	1,4-Dioxane-d8	8	1.75	22		15	120
			Pyridine-d5	40	8.81	22		20	120
			Phenol-d5	40	10.30	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.65	29		10	150
			2-Chlorophenol-d4	40	10.58	26		15	120
			4-Methylphenol-d8	40	10.86	27		10	140
			Nitrobenzene-d5	40	10.67	27		10	135
			2-Nitrophenol-d4	40	9.97	25		10	120
			2,4-Dichlorophenol-d3	40	9.99	25		10	140
			4-Chloroaniline-d4	40	10.80	27		1	145
			Dimethylphthalate-d6	40	11.46	29		10	145
			Acenaphthylene-d8	40	11.79	29		15	120
			4-Nitrophenol-d4	40	3.63	9	*	10	150
			Fluorene-d10	40	11.78	29		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.89	7	*	10	130
			Anthracene-d10	40	12.41	31		10	150
			Pyrene-d10	40	13.26	33		10	130
			Benzo(a)pyrene-d12	40	12.37	31		10	140
P3435-15	E05Z7	BM047112.D	1,4-Dioxane-d8	8	1.81	23		15	120
			Pyridine-d5	40	8.18	20		20	120
			Phenol-d5	40	12.97	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.37	33		10	150
			2-Chlorophenol-d4	40	12.66	32		15	120
			4-Methylphenol-d8	40	13.52	34		10	140
			Nitrobenzene-d5	40	12.46	31		10	135
			2-Nitrophenol-d4	40	12.12	30		10	120
			2,4-Dichlorophenol-d3	40	12.17	30		10	140
			4-Chloroaniline-d4	40	11.68	29		1	145
			Dimethylphthalate-d6	40	13.46	34		10	145

Surrogate Summary

SW-846

SDG No.: BM080924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3435-15	E05Z7	BM047112.D	Acenaphthylene-d8	40	13.81	35		15	120
			4-Nitrophenol-d4	40	8.05	20		10	150
			Fluorene-d10	40	13.83	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.86	17		10	130
			Anthracene-d10	40	14.46	36		10	150
			Pyrene-d10	40	15.46	39		10	130
			Benzo(a)pyrene-d12	40	14.61	37		10	140
P3435-16	E0600	BM047111.D	1,4-Dioxane-d8	8	0.71	9	*	15	120
			Pyridine-d5	40	3.36	8	*	20	120
			Phenol-d5	40	5.42	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.69	14		10	150
			2-Chlorophenol-d4	40	5.37	13	*	15	120
			4-Methylphenol-d8	40	6.04	15		10	140
			Nitrobenzene-d5	40	5.60	14		10	135
			2-Nitrophenol-d4	40	5.09	13		10	120
			2,4-Dichlorophenol-d3	40	5.65	14		10	140
			4-Chloroaniline-d4	40	5.75	14		1	145
			Dimethylphthalate-d6	40	6.52	16		10	145
			Acenaphthylene-d8	40	6.56	16		15	120
			4-Nitrophenol-d4	40	0.97	2	*	10	150
			Fluorene-d10	40	6.66	17	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.81	2	*	10	130
			Anthracene-d10	40	7.03	18		10	150
			Pyrene-d10	40	7.61	19		10	130
			Benzo(a)pyrene-d12	40	7.16	18		10	140
PB162538BL	PB162538BL	BM047087.D	Pyridine-d5	40	30.22	76		20	120
			1,4-Dioxane-d8	8	6.00	75		15	120
			Phenol-d5	40	32.07	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.11	80		10	150
			2-Chlorophenol-d4	40	30.15	75		15	120
			4-Methylphenol-d8	40	30.95	77		10	140
			Nitrobenzene-d5	40	30.81	77		10	135
			2-Nitrophenol-d4	40	30.56	76		10	120
			2,4-Dichlorophenol-d3	40	28.78	72		10	140
			4-Chloroaniline-d4	40	30.37	76		1	145
			Dimethylphthalate-d6	40	29.18	73		10	145
			Acenaphthylene-d8	40	30.49	76		15	120
			4-Nitrophenol-d4	40	26.07	65		10	150
			Fluorene-d10	40	29.10	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.79	59		10	130
			Anthracene-d10	40	31.01	78		10	150
			Pyrene-d10	40	32.85	82		10	130
			Benzo(a)pyrene-d12	40	30.88	77		10	140
PB162538BS	PB162538BS	BM047098.D	1,4-Dioxane-d8	8	7.00	87		15	120
			Pyridine-d5	40	31.15	78		20	120
			Phenol-d5	40	34.81	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.10	85		10	150
			2-Chlorophenol-d4	40	32.46	81		15	120
			4-Methylphenol-d8	40	33.83	85		10	140

Surrogate Summary

SW-846

SDG No.: BM080924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162538BS	PB162538BS	BM047098.D	Nitrobenzene-d5	40	32.25	81		10	135
			2-Nitrophenol-d4	40	32.88	82		10	120
			2,4-Dichlorophenol-d3	40	31.51	79		10	140
			4-Chloroaniline-d4	40	29.71	74		1	145
			Dimethylphthalate-d6	40	30.59	76		10	145
			Acenaphthylene-d8	40	31.86	80		15	120
			4-Nitrophenol-d4	40	32.58	81		10	150
			Fluorene-d10	40	31.34	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.24	78		10	130
			Anthracene-d10	40	31.61	79		10	150
			Pyrene-d10	40	35.09	88		10	130
			Benzo(a)pyrene-d12	40	33.30	83		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM080924

Lab Code: CHEM

SAS No.: BM080924

SDG NO.: BM080924

Lab File ID: BM047085.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 13:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.5
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	45.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.6
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	6.8
275	10.0 - 60.0% of mass 198	26.4
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	58.5
443	15.0 - 24.0% of mass 442	11.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020135	SSTDCCC020	BM047086.D	08/08/2024	14:45
SBLK538	PB162538BL	BM047087.D	08/08/2024	15:25
E05W1	P3435-02	BM047088.D	08/08/2024	16:05
E05W3	P3435-03	BM047089.D	08/08/2024	16:46
E05W6	P3435-04	BM047090.D	08/08/2024	17:26
E05W8	P3435-05	BM047091.D	08/08/2024	18:06
E05W8MS	P3435-06MS	BM047092.D	08/08/2024	18:47
E05W8MSD	P3435-07MSD	BM047093.D	08/08/2024	19:27
E05X3	P3435-08	BM047094.D	08/08/2024	20:07
E05Y0	P3435-11	BM047095.D	08/08/2024	20:48
E05Y1	P3435-12	BM047096.D	08/08/2024	21:28
E05Y3	P3435-13	BM047097.D	08/08/2024	22:09
SLCS538	PB162538BS	BM047098.D	08/08/2024	22:49
SSTD020136	SSTDCCC020	BM047099.D	08/08/2024	23:29
SBLK448	PB162448BL	BM047100.D	08/09/2024	00:50
E05Z2	P3434-11	BM047101.D	08/09/2024	01:30
E05Z3	P3434-12	BM047102.D	08/09/2024	02:10
E05Z4	P3434-13	BM047103.D	08/09/2024	02:50

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM080924

Lab Code: CHEM

SAS No.: BM080924 SDG NO.: BM080924

Lab File ID: BM047085.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 13:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.5
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	45.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.6
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	6.8
275	10.0 - 60.0% of mass 198	26.4
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	58.5
443	15.0 - 24.0% of mass 442	11.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E0601	P3434-15	BM047104.D	08/09/2024	03:30
E05X1	P3434-16	BM047105.D	08/09/2024	04:11
E05X0	P3434-08	BM047106.D	08/09/2024	04:51
E05W9	P3434-07	BM047107.D	08/09/2024	05:31
E05X5	P3435-09	BM047108.D	08/09/2024	06:11
E05X7	P3435-10	BM047109.D	08/09/2024	06:51
E05W0	P3435-01	BM047110.D	08/09/2024	07:31
E0600	P3435-16	BM047111.D	08/09/2024	08:11
E05Z7	P3435-15	BM047112.D	08/09/2024	08:52