

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/5/2024 12:09:08

Lab File ID: BM046985.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020127 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	0.524	0.010	-6.6769	40.0
Benzaldehyde	0.873	1.002	0.010	14.7741	40.0
Pyridine	1.363	1.417	0.010	3.9618	40.0
Phenol	1.530	1.655	0.080	8.1364	20.0
Bis(2-Chloroethyl)ether	1.304	1.399	0.100	7.2693	20.0
2-Chlorophenol	1.304	1.389	0.200	6.5607	20.0
2-Methylphenol	1.166	1.226	0.010	5.1781	20.0
2,2-oxybis(1-Chloropropane)	1.563	1.775	0.010	13.5503	40.0
Acetophenone	1.894	2.074	0.060	9.4796	20.0
4-Methylphenol	1.259	1.364	0.010	8.3474	20.0
N-Nitroso-di-n-propylamine	0.999	1.091	0.050	9.1669	30.0
Hexachloroethane	0.635	0.671	0.100	5.6851	20.0
Nitrobenzene	0.429	0.431	0.050	0.4894	25.0
Isophorone	0.734	0.732	0.050	-0.2412	25.0
2-Nitrophenol	0.192	0.193	0.050	0.4657	25.0
2,4-Dimethylphenol	0.378	0.383	0.050	1.3127	25.0
Bis(2-Chloroethoxy)methane	0.452	0.460	0.050	1.6244	20.0
2,4-Dichlorophenol	0.336	0.333	0.060	-0.8879	20.0
Naphthalene	1.059	1.077	0.200	1.7428	20.0
4-Chloroaniline	0.429	0.445	0.010	3.5969	40.0
Hexachlorobutadiene	0.242	0.225	0.040	-7.0906	30.0
Caprolactam	0.102	0.100	0.010	-2.0679	40.0
4-Chloro-3-methylphenol	0.346	0.352	0.040	1.7733	25.0
1-Methylnaphthalene	0.749	0.773	0.100	3.2747	20.0
2-Methylnaphthalene	0.739	0.765	0.100	3.5286	20.0
Hexachlorocyclopentadiene	0.413	0.335	0.010	-19.018	40.0
2,4,6-Trichlorophenol	0.411	0.397	0.090	-3.2567	25.0
2,4,5-Trichlorophenol	0.443	0.426	0.100	-3.9296	25.0
1,1-Biphenyl	1.496	1.509	0.200	0.8691	20.0
2-Chloronaphthalene	1.188	1.215	0.300	2.261	20.0
2-Nitroaniline	0.361	0.377	0.050	4.3756	40.0
Dimethylphthalate	1.534	1.511	0.300	-1.4998	20.0
2,6-Dinitrotoluene	0.298	0.301	0.080	0.8416	30.0
Acenaphthylene	1.803	1.871	0.400	3.8024	20.0
3-Nitroaniline	0.304	0.305	0.010	0.5365	40.0
Acenaphthene	1.300	1.343	0.200	3.3589	20.0
2,4-Dinitrophenol	0.210	0.176	0.010	-16.5508	40.0
4-Nitrophenol	0.299	0.293	0.010	-2.2256	40.0
Dibenzofuran	1.824	1.883	0.300	3.2294	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/5/2024 12:09:08

Lab File ID: BM046985.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020127 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	0.461	0.070	1.044	30.0
Diethylphthalate	1.651	1.656	0.300	0.291	20.0
Fluorene	1.504	1.536	0.200	2.0828	20.0
4-Chlorophenyl-phenylether	0.741	0.715	0.100	-3.4183	20.0
4-Nitroaniline	0.300	0.321	0.010	6.8043	40.0
4,6-Dinitro-2-methylphenol	0.138	0.128	0.010	-7.1894	40.0
N-Nitrosodiphenylamine	0.593	0.601	0.050	1.4553	20.0
1,2,4,5-Tetrachlorobenzene	0.627	0.592	0.100	-5.6274	20.0
4-Bromophenyl-phenylether	0.216	0.210	0.070	-3.0298	20.0
Hexachlorobenzene	0.255	0.247	0.050	-2.9119	25.0
Atrazine	0.233	0.218	0.010	-6.2957	25.0
Pentachlorophenol	0.173	0.160	0.010	-7.0993	40.0
Phenanthrene	1.121	1.140	0.200	1.6425	20.0
Pentachlorobenzene	0.298	0.286	0.050	-4.0108	20.0
Anthracene	1.131	1.167	0.200	3.2295	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.271	0.050	-5.8363	20.0
Carbazole	1.048	1.089	0.050	3.9013	40.0
Di-n-butylphthalate	1.333	1.332	0.500	-0.027	25.0
Fluoranthene	1.368	1.369	0.400	0.0203	25.0
Pyrene	1.458	1.487	0.400	1.9619	25.0
Butylbenzylphthalate	0.637	0.634	0.100	-0.5138	40.0
3,3-Dichlorobenzidine	0.490	0.489	0.010	-0.22	40.0
Benzo (a) anthracene	1.461	1.467	0.300	0.4071	30.0
Chrysene	1.393	1.406	0.200	0.914	30.0
Bis (2-ethylhexyl) phthalate	0.930	0.934	0.200	0.4217	40.0
Di-n-octyl phthalate	1.411	1.303	0.010	-7.6568	40.0
Benzo (b) fluoranthene	1.237	1.232	0.200	-0.4527	25.0
Benzo (k) fluoranthene	1.223	1.251	0.200	2.3264	25.0
Benzo (a) pyrene	1.153	1.182	0.200	2.5916	20.0
Indeno (1,2,3-cd) pyrene	1.477	1.506	0.200	1.9763	25.0
Dibenzo (a,h) anthracene	1.186	1.211	0.200	2.0607	30.0
Benzo (g,h,i) perylene	1.167	1.178	0.200	0.9245	30.0
2,3,4,6-Tetrachlorophenol	0.394	0.381	0.040	-3.4319	20.0
1,4-Dioxane-d8	0.505	0.482	0.010	-4.5114	25.0
Pyridine-d5	1.377	1.412	0.010	2.5524	40.0
Phenol-d5	1.519	1.606	0.010	5.7127	25.0
Bis- (2-Chloroethyl) ether-d8	1.000	1.094	0.050	9.4422	25.0
2-Chlorophenol-d4	1.287	1.328	0.200	3.2034	20.0
4-Methylphenol-d8	1.204	1.269	0.010	5.4251	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/5/2024 12:09:08

Lab File ID: BM046985.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020127 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.160	0.159	0.050	-0.6306	20.0
2-Nitrophenol-d4	0.175	0.173	0.050	-1.4135	30.0
2,4-Dichlorophenol-d3	0.336	0.334	0.060	-0.8338	20.0
4-Chloroaniline-d4	0.442	0.451	0.010	1.8875	40.0
Dimethylphthalate-d6	1.529	1.485	0.300	-2.8696	20.0
Acenaphthylene-d8	1.707	1.767	0.400	3.5396	20.0
4-Nitrophenol-d4	0.296	0.288	0.010	-2.5695	40.0
Fluorene-d10	1.308	1.342	0.100	2.6039	20.0
4,6-Dinitro-2-methylphenol-d2	0.126	0.117	0.010	-7.3252	40.0
Anthracene-d10	0.948	0.968	0.300	2.0962	20.0
Pyrene-d10	1.145	1.138	0.300	-0.5592	25.0
Benzo(a)pyrene-d12	1.053	1.067	0.010	1.3061	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/5/2024 12:17:06

Lab File ID: BM046995.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020128 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	0.463	0.010	-17.6038	40.0
Benzaldehyde	0.873	0.909	0.010	4.1201	40.0
Pyridine	1.363	1.333	0.010	-2.1996	40.0
Phenol	1.530	1.564	0.080	2.2297	20.0
Bis(2-Chloroethyl)ether	1.304	1.282	0.100	-1.7172	20.0
2-Chlorophenol	1.304	1.292	0.200	-0.9039	20.0
2-Methylphenol	1.166	1.207	0.010	3.5284	20.0
2,2-oxybis(1-Chloropropane)	1.563	1.620	0.010	3.631	40.0
Acetophenone	1.894	1.984	0.060	4.736	20.0
4-Methylphenol	1.259	1.319	0.010	4.7706	20.0
N-Nitroso-di-n-propylamine	0.999	1.053	0.050	5.4053	30.0
Hexachloroethane	0.635	0.587	0.100	-7.6153	20.0
Nitrobenzene	0.429	0.416	0.050	-3.0573	25.0
Isophorone	0.734	0.766	0.050	4.4059	25.0
2-Nitrophenol	0.192	0.202	0.050	5.2317	25.0
2,4-Dimethylphenol	0.378	0.382	0.050	1.152	25.0
Bis(2-Chloroethoxy)methane	0.452	0.459	0.050	1.4587	20.0
2,4-Dichlorophenol	0.336	0.357	0.060	6.387	20.0
Naphthalene	1.059	1.084	0.200	2.4035	20.0
4-Chloroaniline	0.429	0.460	0.010	7.036	40.0
Hexachlorobutadiene	0.242	0.238	0.040	-1.6367	30.0
Caprolactam	0.102	0.113	0.010	11.3161	40.0
4-Chloro-3-methylphenol	0.346	0.365	0.040	5.5445	25.0
1-Methylnaphthalene	0.749	0.786	0.100	5.0674	20.0
2-Methylnaphthalene	0.739	0.780	0.100	5.5309	20.0
Hexachlorocyclopentadiene	0.413	0.370	0.010	-10.4442	40.0
2,4,6-Trichlorophenol	0.411	0.441	0.090	7.5303	25.0
2,4,5-Trichlorophenol	0.443	0.468	0.100	5.6096	25.0
1,1-Biphenyl	1.496	1.527	0.200	2.0212	20.0
2-Chloronaphthalene	1.188	1.232	0.300	3.6995	20.0
2-Nitroaniline	0.361	0.369	0.050	2.2119	40.0
Dimethylphthalate	1.534	1.588	0.300	3.5107	20.0
2,6-Dinitrotoluene	0.298	0.324	0.080	8.6216	30.0
Acenaphthylene	1.803	1.888	0.400	4.7451	20.0
3-Nitroaniline	0.304	0.316	0.010	3.8806	40.0
Acenaphthene	1.300	1.334	0.200	2.6751	20.0
2,4-Dinitrophenol	0.210	0.185	0.010	-12.0573	40.0
4-Nitrophenol	0.299	0.261	0.010	-12.8987	40.0
Dibenzofuran	1.824	1.849	0.300	1.3476	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/5/2024 12:17:06

Lab File ID: BM046995.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020128 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	0.482	0.070	5.6824	30.0
Diethylphthalate	1.651	1.624	0.300	-1.6127	20.0
Fluorene	1.504	1.515	0.200	0.7224	20.0
4-Chlorophenyl-phenylether	0.741	0.741	0.100	0.1135	20.0
4-Nitroaniline	0.300	0.328	0.010	9.2673	40.0
4,6-Dinitro-2-methylphenol	0.138	0.134	0.010	-2.8693	40.0
N-Nitrosodiphenylamine	0.593	0.598	0.050	0.8348	20.0
1,2,4,5-Tetrachlorobenzene	0.627	0.644	0.100	2.6372	20.0
4-Bromophenyl-phenylether	0.216	0.225	0.070	3.8911	20.0
Hexachlorobenzene	0.255	0.263	0.050	3.272	25.0
Atrazine	0.233	0.239	0.010	2.9694	25.0
Pentachlorophenol	0.173	0.176	0.010	1.7225	40.0
Phenanthrene	1.121	1.130	0.200	0.7876	20.0
Pentachlorobenzene	0.298	0.293	0.050	-1.492	20.0
Anthracene	1.131	1.146	0.200	1.3395	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.298	0.050	3.4581	20.0
Carbazole	1.048	1.060	0.050	1.1707	40.0
Di-n-butylphthalate	1.333	1.350	0.500	1.25	25.0
Fluoranthene	1.368	1.487	0.400	8.6755	25.0
Pyrene	1.458	1.573	0.400	7.8588	25.0
Butylbenzylphthalate	0.637	0.706	0.100	10.7802	40.0
3,3-Dichlorobenzidine	0.490	0.498	0.010	1.5584	40.0
Benzo (a) anthracene	1.461	1.482	0.300	1.4415	30.0
Chrysene	1.393	1.383	0.200	-0.6977	30.0
Bis(2-ethylhexyl)phthalate	0.930	1.006	0.200	8.1382	40.0
Di-n-octyl phthalate	1.411	1.572	0.010	11.4109	40.0
Benzo (b) fluoranthene	1.237	1.296	0.200	4.7908	25.0
Benzo (k) fluoranthene	1.223	1.291	0.200	5.622	25.0
Benzo (a) pyrene	1.153	1.187	0.200	3.0047	20.0
Indeno (1,2,3-cd) pyrene	1.477	1.461	0.200	-1.0468	25.0
Dibenzo (a,h) anthracene	1.186	1.177	0.200	-0.737	30.0
Benzo (g,h,i) perylene	1.167	1.133	0.200	-2.9045	30.0
2,3,4,6-Tetrachlorophenol	0.394	0.404	0.040	2.4957	20.0
1,4-Dioxane-d8	0.505	0.415	0.010	-17.7171	25.0
Pyridine-d5	1.377	1.276	0.010	-7.3437	40.0
Phenol-d5	1.519	1.521	0.010	0.1107	25.0
Bis- (2-Chloroethyl) ether-d8	1.000	0.960	0.050	-3.9566	25.0
2-Chlorophenol-d4	1.287	1.271	0.200	-1.2455	20.0
4-Methylphenol-d8	1.204	1.265	0.010	5.0651	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/5/2024 12:17:06

Lab File ID: BM046995.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020128 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.160	0.165	0.050	2.7941	20.0
2-Nitrophenol-d4	0.175	0.192	0.050	9.5458	30.0
2,4-Dichlorophenol-d3	0.336	0.362	0.060	7.4613	20.0
4-Chloroaniline-d4	0.442	0.464	0.010	5.0245	40.0
Dimethylphthalate-d6	1.529	1.590	0.300	4.0043	20.0
Acenaphthylene-d8	1.707	1.797	0.400	5.2718	20.0
4-Nitrophenol-d4	0.296	0.298	0.010	0.8153	40.0
Fluorene-d10	1.308	1.325	0.100	1.3251	20.0
4,6-Dinitro-2-methylphenol-d2	0.126	0.121	0.010	-4.3701	40.0
Anthracene-d10	0.948	0.981	0.300	3.4309	20.0
Pyrene-d10	1.145	1.239	0.300	8.2264	25.0
Benzo(a)pyrene-d12	1.053	1.086	0.010	3.1194	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/6/2024 12:04:09

Lab File ID: BM047010.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020129 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	0.517	0.010	-7.957	40.0
Benzaldehyde	0.873	0.978	0.010	12.0359	40.0
Pyridine	1.363	1.435	0.010	5.2542	40.0
Phenol	1.530	1.676	0.080	9.5673	20.0
Bis(2-Chloroethyl)ether	1.304	1.409	0.100	8.0576	20.0
2-Chlorophenol	1.304	1.363	0.200	4.551	20.0
2-Methylphenol	1.166	1.270	0.010	8.9635	20.0
2,2-oxybis(1-Chloropropane)	1.563	1.831	0.010	17.1393	40.0
Acetophenone	1.894	2.036	0.060	7.504	20.0
4-Methylphenol	1.259	1.376	0.010	9.2588	20.0
N-Nitroso-di-n-propylamine	0.999	1.080	0.050	8.1349	30.0
Hexachloroethane	0.635	0.627	0.100	-1.3545	20.0
Nitrobenzene	0.429	0.425	0.050	-0.947	25.0
Isophorone	0.734	0.760	0.050	3.5838	25.0
2-Nitrophenol	0.192	0.201	0.050	4.8151	25.0
2,4-Dimethylphenol	0.378	0.372	0.050	-1.6435	25.0
Bis(2-Chloroethoxy)methane	0.452	0.468	0.050	3.5432	20.0
2,4-Dichlorophenol	0.336	0.345	0.060	2.6713	20.0
Naphthalene	1.059	1.065	0.200	0.5778	20.0
4-Chloroaniline	0.429	0.451	0.010	5.014	40.0
Hexachlorobutadiene	0.242	0.222	0.040	-8.3147	30.0
Caprolactam	0.102	0.110	0.010	8.339	40.0
4-Chloro-3-methylphenol	0.346	0.359	0.040	3.7389	25.0
1-Methylnaphthalene	0.749	0.770	0.100	2.8557	20.0
2-Methylnaphthalene	0.739	0.770	0.100	4.1466	20.0
Hexachlorocyclopentadiene	0.413	0.345	0.010	-16.4182	40.0
2,4,6-Trichlorophenol	0.411	0.423	0.090	3.1264	25.0
2,4,5-Trichlorophenol	0.443	0.460	0.100	3.797	25.0
1,1-Biphenyl	1.496	1.495	0.200	-0.1176	20.0
2-Chloronaphthalene	1.188	1.204	0.300	1.3397	20.0
2-Nitroaniline	0.361	0.376	0.050	4.2651	40.0
Dimethylphthalate	1.534	1.543	0.300	0.5867	20.0
2,6-Dinitrotoluene	0.298	0.313	0.080	5.0675	30.0
Acenaphthylene	1.803	1.822	0.400	1.0853	20.0
3-Nitroaniline	0.304	0.318	0.010	4.8201	40.0
Acenaphthene	1.300	1.307	0.200	0.5515	20.0
2,4-Dinitrophenol	0.210	0.185	0.010	-11.9678	40.0
4-Nitrophenol	0.299	0.264	0.010	-11.6628	40.0
Dibenzofuran	1.824	1.819	0.300	-0.2837	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/6/2024 12:04:09

Lab File ID: BM047010.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020129 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	0.472	0.070	3.5547	30.0
Diethylphthalate	1.651	1.632	0.300	-1.1187	20.0
Fluorene	1.504	1.489	0.200	-1.0043	20.0
4-Chlorophenyl-phenylether	0.741	0.704	0.100	-4.9783	20.0
4-Nitroaniline	0.300	0.300	0.010	-0.1911	40.0
4,6-Dinitro-2-methylphenol	0.138	0.134	0.010	-2.7569	40.0
N-Nitrosodiphenylamine	0.593	0.605	0.050	2.0112	20.0
1,2,4,5-Tetrachlorobenzene	0.627	0.611	0.100	-2.5607	20.0
4-Bromophenyl-phenylether	0.216	0.217	0.070	0.035	20.0
Hexachlorobenzene	0.255	0.254	0.050	-0.3433	25.0
Atrazine	0.233	0.229	0.010	-1.7122	25.0
Pentachlorophenol	0.173	0.168	0.010	-2.7447	40.0
Phenanthrene	1.121	1.120	0.200	-0.127	20.0
Pentachlorobenzene	0.298	0.293	0.050	-1.6755	20.0
Anthracene	1.131	1.132	0.200	0.1108	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.291	0.050	1.1103	20.0
Carbazole	1.048	1.067	0.050	1.7504	40.0
Di-n-butylphthalate	1.333	1.351	0.500	1.3443	25.0
Fluoranthene	1.368	1.452	0.400	6.1269	25.0
Pyrene	1.458	1.510	0.400	3.6036	25.0
Butylbenzylphthalate	0.637	0.691	0.100	8.3739	40.0
3,3-Dichlorobenzidine	0.490	0.484	0.010	-1.2579	40.0
Benzo (a) anthracene	1.461	1.472	0.300	0.7957	30.0
Chrysene	1.393	1.365	0.200	-2.0079	30.0
Bis(2-ethylhexyl)phthalate	0.930	1.007	0.200	8.2606	40.0
Di-n-octyl phthalate	1.411	1.483	0.010	5.0905	40.0
Benzo (b) fluoranthene	1.237	1.281	0.200	3.5601	25.0
Benzo (k) fluoranthene	1.223	1.248	0.200	2.0868	25.0
Benzo (a) pyrene	1.153	1.185	0.200	2.7811	20.0
Indeno (1,2,3-cd) pyrene	1.477	1.457	0.200	-1.3354	25.0
Dibenzo (a,h) anthracene	1.186	1.175	0.200	-0.9076	30.0
Benzo (g,h,i) perylene	1.167	1.144	0.200	-1.9455	30.0
2,3,4,6-Tetrachlorophenol	0.394	0.390	0.040	-0.9386	20.0
1,4-Dioxane-d8	0.505	0.497	0.010	-1.6257	25.0
Pyridine-d5	1.377	1.430	0.010	3.8454	40.0
Phenol-d5	1.519	1.634	0.010	7.5366	25.0
Bis- (2-Chloroethyl) ether-d8	1.000	1.078	0.050	7.8025	25.0
2-Chlorophenol-d4	1.287	1.336	0.200	3.8408	20.0
4-Methylphenol-d8	1.204	1.310	0.010	8.8426	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG No.: BM080524

Instrument ID: BNA_M Calibration Date/Time: 8/6/2024 12:04:09

Lab File ID: BM047010.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020129 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.160	0.165	0.050	2.5598	20.0
2-Nitrophenol-d4	0.175	0.182	0.050	3.6626	30.0
2,4-Dichlorophenol-d3	0.336	0.348	0.060	3.4256	20.0
4-Chloroaniline-d4	0.442	0.460	0.010	4.0576	40.0
Dimethylphthalate-d6	1.529	1.533	0.300	0.2638	20.0
Acenaphthylene-d8	1.707	1.766	0.400	3.4719	20.0
4-Nitrophenol-d4	0.296	0.295	0.010	-0.1553	40.0
Fluorene-d10	1.308	1.311	0.100	0.2091	20.0
4,6-Dinitro-2-methylphenol-d2	0.126	0.122	0.010	-3.7667	40.0
Anthracene-d10	0.948	0.959	0.300	1.1793	20.0
Pyrene-d10	1.145	1.192	0.300	4.1151	25.0
Benzo(a)pyrene-d12	1.053	1.076	0.010	2.1312	20.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK449	SDG No.:	BM080524
Lab Sample ID:	PB162449BL	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
BM046986.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

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:	SBLK449	SDG No.:	BM080524
Lab Sample ID:	PB162449BL	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
BM046986.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

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:	SBLK449	SDG No.:	BM080524
Lab Sample ID:	PB162449BL	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
BM046986.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

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	6.297		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	30.633		20-120		77	SPK: -40
4165-62-2	Phenol-d5	31.195		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.633		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.534		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	30.321		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	31.112		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.633		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.703		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.194		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.328		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.283		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.518		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	30.102		20-140		75	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:	SBLK449	SDG No.:	BM080524
Lab Sample ID:	PB162449BL	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
BM046986.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.518		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	31.514		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	32.866		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.109		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163068	7.398				
1146-65-2	Naphthalene-d8	613782	10.151				
15067-26-2	Acenaphthene-d10	370353	14.051				
1517-22-2	Phenanthrene-d10	751002	16.815				
1719-03-5	Chrysene-d12	662901	21.05				
1520-96-3	Perylene-d12	762777	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	DCVT0	SDG No.:	BM080524
Lab Sample ID:	P3171-01	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
BM046987.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

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	2900		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6000	E	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		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	3700	E	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1400		36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	3600	E	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	5600	E	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4600	E	39	42.5	170	ug/Kg
91-20-3	Naphthalene	6100	E	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	5700	E	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	5000	E	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5200	E	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	DCVT0	SDG No.:	BM080524
Lab Sample ID:	P3171-01	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
BM046987.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

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	5000	E	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	6100	E	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	4500	E	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	6800	E	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	3500	E	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	6300	E	60	42.5	170	ug/Kg
86-73-7	Fluorene	3400	E	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	6900	E	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	6300	E	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	6500	E	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	3000	E	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	6000	E	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	DCVT0	SDG No.:	BM080524
Lab Sample ID:	P3171-01	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
BM046987.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7100	E	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	8800	E	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	3900	E	39	42.5	170	ug/Kg
218-01-9	Chrysene	7800	E	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7400	E	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	3500	E	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4700	E	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5500	E	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	3.599		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	29.546		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.591		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.792		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	31.576		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	30.529		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.443		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.278		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.855		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.585		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	33.913		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.856		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	35.923		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	DCVT0	SDG No.:	BM080524
Lab Sample ID:	P3171-01	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
BM046987.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.412		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	38.205		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	41.652		10-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.281		10-140		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144882	7.399				
1146-65-2	Naphthalene-d8	561593	10.157				
15067-26-2	Acenaphthene-d10	378094	14.057				
1517-22-2	Phenanthrene-d10	849000	16.816				
1719-03-5	Chrysene-d12	763788	21.057				
1520-96-3	Perylene-d12	954884	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5500	J			7.287	
000770-35-4	1-Phenoxypropan-2-ol	110	J			10.916	
000111-82-0	Dodecanoic acid, methyl ester	76	J			14.216	
002640-94-0	10-Hydroxydecanoic acid, methyl es	74	J			16.651	
000112-39-0	Hexadecanoic acid, methyl ester	150	J			17.527	
000057-10-3	n-Hexadecanoic acid	510	J			17.757	
	unknown-01	100	J			18.122	
002395-96-2	Anthracene, 9-methoxy-	76	J			18.186	
000084-65-1	9,10-Anthracenedione	650	J			18.245	
	(DEL) Alkane: Cyclic	82	J			18.627	
057396-98-2	7-Octadecenoic acid, methyl ester	160	J			18.716	
	(DEL) Alkane: Straight-Chain	120	J			23.045	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	DCVT0DL	SDG No.:	BM080524
Lab Sample ID:	P3171-01DL	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
BM046988.D	5	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	65	U	65	33	330	ug/Kg
100-52-7	Benzaldehyde	380	U	380	410	1700	ug/Kg
110-86-1	Pyridine	220	U	220	830	1700	ug/Kg
108-95-2	Phenol	3300	D	180	410	1700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6800	D	170	410	1700	ug/Kg
95-57-8	2-Chlorophenol	1200	D	140	210	850	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	410	1700	ug/Kg
98-86-2	Acetophenone	190	U	190	410	1700	ug/Kg
106-44-5	4-Methylphenol	160	U	160	410	1700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3900	D	150	210	850	ug/Kg
67-72-1	Hexachloroethane	120	U	120	210	850	ug/Kg
98-95-3	Nitrobenzene	1300	D	180	210	850	ug/Kg
78-59-1	Isophorone	170	U	170	210	850	ug/Kg
88-75-5	2-Nitrophenol	3500	D	160	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6000	D	190	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	5100	D	200	210	850	ug/Kg
91-20-3	Naphthalene	6600	D	170	210	850	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	210	1700	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	210	850	ug/Kg
105-60-2	Caprolactam	600	U	600	410	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5800	D	140	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	210	U	210	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	190	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	400	U	400	410	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5400	D	220	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5600	D	210	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	DCVT0DL	SDG No.:	BM080524
Lab Sample ID:	P3171-01DL	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
BM046988.D	5	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	240	U	240	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	230	U	230	210	850	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	850	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	5000	D	110	210	850	ug/Kg
208-96-8	Acenaphthylene	6600	D	220	210	850	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	410	1700	ug/Kg
83-32-9	Acenaphthene	4800	D	210	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	600	U	600	410	1700	ug/Kg
100-02-7	4-Nitrophenol	6000	D	210	410	1700	ug/Kg
132-64-9	Dibenzofuran	3800	D	230	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	210	850	ug/Kg
84-66-2	Diethylphthalate	6300	D	300	210	850	ug/Kg
86-73-7	Fluorene	3400	D	230	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	6500	D	240	210	850	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	410	1700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	410	1700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	230	U	230	210	850	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	210	850	ug/Kg
1912-24-9	Atrazine	200	U	200	410	1700	ug/Kg
87-86-5	Pentachlorophenol	6100	D	440	410	1700	ug/Kg
85-01-8	Phenanthrene	220	U	220	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	6800	D	220	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	170	U	170	210	850	ug/Kg
86-74-8	Carbazole	230	U	230	410	1700	ug/Kg
84-74-2	Di-n-butylphthalate	3000	D	210	210	850	ug/Kg
206-44-0	Fluoranthene	6100	D	220	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	DCVT0DL	SDG No.:	BM080524
Lab Sample ID:	P3171-01DL	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
BM046988.D	5	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7300	D	220	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	9200	D	160	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	410	1700	ug/Kg
56-55-3	Benzo(a)anthracene	3900	D	200	210	850	ug/Kg
218-01-9	Chrysene	7800	D	230	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7700	D	220	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	410	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	U	210	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	3600	D	230	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1800	D	210	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4700	D	190	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	D	190	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5600	D	180	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	190	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.23		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	29.8		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.78		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.98		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	29.42		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	29.415		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.565		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.28		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.76		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	36		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	35.365		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.825		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	36.52		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	DCVT0DL	SDG No.:	BM080524
Lab Sample ID:	P3171-01DL	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
BM046988.D	5	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.1		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	38.27		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	42.26		10-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.25		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220348	7.398				
1146-65-2	Naphthalene-d8	819082	10.157				
15067-26-2	Acenaphthene-d10	496209	14.057				
1517-22-2	Phenanthrene-d10	1016594	16.815				
1719-03-5	Chrysene-d12	871912	21.056				
1520-96-3	Perylene-d12	1046801	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	4900	JD			7.287	
000084-65-1	9,10-Anthracenedione	520	JD			18.245	
E966796	Total Alkanes	240	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX2	SDG No.:	BM080524
Lab Sample ID:	P3171-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BM046989.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.5	86	ug/Kg
100-52-7	Benzaldehyde	96	U	96	110	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
108-95-2	Phenol	45	U	45	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.7	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	420	ug/Kg
98-86-2	Acetophenone	49	U	49	110	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	54.7	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	54.7	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.7	220	ug/Kg
78-59-1	Isophorone	44	U	44	54.7	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.7	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.7	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	54.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.7	220	ug/Kg
91-20-3	Naphthalene	44	U	44	54.7	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	54.7	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.7	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	54.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	54.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.7	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX2	SDG No.:	BM080524
Lab Sample ID:	P3171-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BM046989.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	U	62	54.7	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	54.7	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.7	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.7	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.7	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.7	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	53	U	53	54.7	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	420	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	110	420	ug/Kg
132-64-9	Dibenzofuran	59	U	59	54.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	54.7	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.7	220	ug/Kg
86-73-7	Fluorene	58	U	58	54.7	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.7	220	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	54.7	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	54.7	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	54.7	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.7	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	5400		110	110	420	ug/Kg
85-01-8	Phenanthrene	57	U	57	54.7	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.7	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.7	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.7	220	ug/Kg
86-74-8	Carbazole	58	U	58	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.7	220	ug/Kg
206-44-0	Fluoranthene	57	U	57	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX2	SDG No.:	BM080524
Lab Sample ID:	P3171-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BM046989.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	54.7	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.7	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.7	220	ug/Kg
218-01-9	Chrysene	58	U	58	54.7	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	54.7	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	54.7	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	54.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.7	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	54.7	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	54.7	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410		48	54.7	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.151		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	24.979		20-120		62	SPK: -40
4165-62-2	Phenol-d5	29.644		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.288		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.605		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	31.357		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	28.937		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.634		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.896		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.485		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.774		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	34.435		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.01		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	34.836		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX2	SDG No.:	BM080524
Lab Sample ID:	P3171-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046989.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.308		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	37.771		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	39.001		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.343		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165876	7.398				
1146-65-2	Naphthalene-d8	622928	10.157				
15067-26-2	Acenaphthene-d10	393035	14.057				
1517-22-2	Phenanthrene-d10	821822	16.815				
1719-03-5	Chrysene-d12	738759	21.05				
1520-96-3	Perylene-d12	832013	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	220	J			3.281	
000107-41-5	Hexylene glycol	120	J			5.775	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	130	J			7.028	
000104-76-7	1-Hexanol, 2-ethyl-	99	J			7.481	
001119-40-0	Pentanedioic acid, dimethyl ester	93	J			9.128	
000770-35-4	1-Phenoxypropan-2-ol	220	J			10.91	
000057-10-3	n-Hexadecanoic acid	180	J			17.751	
015594-90-8	1-Heneicosanol	230	J			20.792	
E966796	Total Alkanes	62	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	E20J4	SDG No.:	BM080524
Lab Sample ID:	P3276-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.3
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
BM046990.D	1	7/23/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.4	84	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	54	U	54	210	420	ug/Kg
108-95-2	Phenol	44	U	44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	48	U	48	100	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.8	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.8	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.8	220	ug/Kg
78-59-1	Isophorone	43	U	43	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.8	220	ug/Kg
91-20-3	Naphthalene	43	U	43	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.8	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	E20J4	SDG No.:	BM080524
Lab Sample ID:	P3276-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046990.D	1	7/23/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.8	220	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.8	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.8	220	ug/Kg
86-73-7	Fluorene	57	U	57	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.8	220	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.8	220	ug/Kg
120-12-7	Anthracene	54	U	54	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.8	220	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.8	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	E20J4	SDG No.:	BM080524
Lab Sample ID:	P3276-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.3
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
BM046990.D	1	7/23/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.8	220	ug/Kg
218-01-9	Chrysene	57	U	57	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.375		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.938		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.433		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.226		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	13.943		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.742		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.389		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.559		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.165		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.632		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.002		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.41	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	16.643		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	E20J4	SDG No.:	BM080524
Lab Sample ID:	P3276-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.3
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
BM046990.D	1	7/23/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.425	*	10-130		4	SPK: -40
1719-06-8	Anthracene-d10	17.185		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	15.338		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.808		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243072	7.399				
1146-65-2	Naphthalene-d8	927098	10.157				
15067-26-2	Acenaphthene-d10	577845	14.051				
1517-22-2	Phenanthrene-d10	1169414	16.816				
1719-03-5	Chrysene-d12	1089939	21.051				
1520-96-3	Perylene-d12	1398475	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000661-19-8	Behenic alcohol	100	J			20.792	
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9	SDG No.:	BM080524
Lab Sample ID:	P3171-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046991.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.3	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	48	U	48	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53.1	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.1	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.1	210	ug/Kg
78-59-1	Isophorone	610		43	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	150	J	49	53.1	210	ug/Kg
91-20-3	Naphthalene	1000		43	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	2100		46	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	J	54	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84	J	53	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9	SDG No.:	BM080524
Lab Sample ID:	P3171-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046991.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	220		60	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.1	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.1	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.1	210	ug/Kg
86-73-7	Fluorene	110	J	56	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	440		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.1	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	190000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	290		55	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.1	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.1	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.1	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9	SDG No.:	BM080524
Lab Sample ID:	P3171-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046991.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.1	210	ug/Kg
218-01-9	Chrysene	56	U	56	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65	J	55	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	17000	E	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.929		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	41.393		20-120		103	SPK: -40
4165-62-2	Phenol-d5	47.573		10-130		119	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	49.792		10-150		124	SPK: -40
93951-73-6	2-Chlorophenol-d4	45.994		15-120		115	SPK: -40
190780-66-6	4-Methylphenol-d8	46.979		10-140		117	SPK: -40
4165-60-0	Nitrobenzene-d5	48.056		10-135		120	SPK: -40
93951-78-1	2-Nitrophenol-d4	50.413	*	10-120		126	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	48.605		10-140		122	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.845		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	46.397		10-145		116	SPK: -40
93951-97-4	Acenaphthylene-d8	48.378	*	15-120		121	SPK: -40
93951-79-2	4-Nitrophenol-d4	45.8		10-150		114	SPK: -40
81103-79-9	Fluorene-d10	45.38		20-140		113	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9	SDG No.:	BM080524
Lab Sample ID:	P3171-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046991.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.889		10-130		110	SPK: -40
1719-06-8	Anthracene-d10	48.537		10-150		121	SPK: -40
1718-52-1	Pyrene-d10	49.236		10-130		123	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.736		10-140		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164926	7.399				
1146-65-2	Naphthalene-d8	612672	10.157				
15067-26-2	Acenaphthene-d10	397332	14.057				
1517-22-2	Phenanthrene-d10	773436	16.833				
1719-03-5	Chrysene-d12	715517	21.051				
1520-96-3	Perylene-d12	851791	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.469	1400	J			5.469	
000107-41-5	Hexylene glycol	1500	J			5.816	
	(DEL) Alkane: Straight-Chain5.993	430	J			5.993	
013395-76-1	Cyclohexanone, 2,3-dimethyl-	490	J			6.063	
	(DEL) Alkane: Straight-Chain6.422	540	J			6.422	
	(DEL) Alkane: Straight-Chain6.481	700	J			6.481	
000611-14-3	Benzene, 1-ethyl-2-methyl-	630	J			6.511	
019549-80-5	2-Heptanone, 4,6-dimethyl-	450	J			6.858	
	(DEL) Alkane: Straight-Chain7.052	4100	J			7.052	
000104-76-7	1-Hexanol, 2-ethyl-	2000	J			7.493	
1000249-77-4	1,1-Hexylenedioxybutane	2000	J			7.64	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	510	J			7.84	
001074-55-1	Benzene, 1-methyl-4-propyl-	1000	J			7.946	
	(DEL) Alkane: Straight-Chain7.999	490	J			7.999	
000105-05-5	Benzene, 1,4-diethyl-	590	J			8.04	
	(DEL) Alkane: Straight-Chain8.069	770	J			8.069	
000527-84-4	o-Cymene	480	J			8.399	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9	SDG No.:	BM080524
Lab Sample ID:	P3171-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM046991.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000504-20-1	(DEL) Alkane: Straight-Chain8.640	3300	J			8.64	
	unknown-01	1100	J			8.746	
	Phorone	290	J			8.828	
	(DEL) Alkane: Cyclic9.334	150	J			9.334	
	(DEL) Alkane: Straight-Chain9.475	210	J			9.475	
006413-83-8 054340-85-1	(DEL) Alkane: Straight-Chain9.622	130	J			9.622	
	2,4-Dipropyl-5-ethyl-1,3-dioxane	530	J			10.563	
	Benzene, 1-(2-butenyl)-2,3-dimethyl-	540	J			11.275	
	(DEL) Alkane: Straight-Chain11.622	520	J			11.622	
	unknown-02	1100	J			12.287	
000109-21-7	Butanoic acid, butyl ester	1200	J			12.816	
002639-63-6	Butanoic acid, hexyl ester	1100	J			13.028	
000575-41-7	Naphthalene, 1,3-dimethyl-	1400	J			13.216	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	2300	J			13.345	
000581-40-8	Naphthalene, 2,3-dimethyl-	920	J			13.375	
000582-16-1	Naphthalene, 2,7-dimethyl-	2000	J			13.428	
000575-37-1 1010309-19-2	(DEL) Alkane: Straight-Chain13.575	2100	J			13.575	
	Naphthalene, 1,7-dimethyl-	900	J			13.616	
	Sulfurous acid, 2-ethylhexyl nonyl	6300	J			14.004	
	4-(1-Pyrrolyl)acetophenone	4400	J			14.222	
	Cyclohexanone, 2-cyclohexylidene-	1500	J			14.463	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	820	J			14.551	
000829-26-5	(DEL) Alkane: Straight-Chain14.622	940	J			14.622	
	unknown-03	1300	J			14.786	
	Naphthalene, 2,3,6-trimethyl-	5000	J			14.845	
	(DEL) Alkane: Straight-Chain14.957	3400	J			14.957	
	(DEL) Alkane: Straight-Chain15.369	1200	J			15.369	
	unknown-04	1600	J			15.722	
	(DEL) Alkane: Straight-Chain15.828	1400	J			15.828	
	unknown-05	730	J			16.022	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9	SDG No.:	BM080524
Lab Sample ID:	P3171-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046991.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.622	960	J			16.622	
	(DEL) Alkane: Straight-Chain16.675	850	J			16.675	
	(DEL) Alkane: Straight-Chain17.357	1000	J			17.357	
	(DEL) Alkane: Straight-Chain18.051	710	J			18.051	
	(DEL) Alkane: Straight-Chain18.698	630	J			18.698	
	(DEL) Alkane: Straight-Chain19.821	590	J			19.821	
	(DEL) Alkane: Straight-Chain20.798	830	J			20.798	
	(DEL) Alkane: Straight-Chain21.792	490	J			21.792	
E966796	Total Alkanes	28000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MS	SDG No.:	BM080524
Lab Sample ID:	P3171-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM046992.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	730		16	8.2	83	ug/Kg
110-86-1	Pyridine	2100		54	210	410	ug/Kg
100-52-7	Benzaldehyde	2900		94	100	410	ug/Kg
108-95-2	Phenol	2500		44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2100		42	100	410	ug/Kg
95-57-8	2-Chlorophenol	2200		35	53	210	ug/Kg
95-48-7	2-Methylphenol	2200		37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		34	100	410	ug/Kg
98-86-2	Acetophenone	1800		47	100	410	ug/Kg
106-44-5	4-Methylphenol	2200		40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2200		36	53	210	ug/Kg
67-72-1	Hexachloroethane	2100		29	53	210	ug/Kg
98-95-3	Nitrobenzene	2100		45	53	210	ug/Kg
78-59-1	Isophorone	2800		42	53	210	ug/Kg
88-75-5	2-Nitrophenol	2300		40	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		35	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2100		47	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2500		49	53	210	ug/Kg
91-20-3	Naphthalene	3100		42	53	210	ug/Kg
106-47-8	4-Chloroaniline	1600		54	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	2100		42	53	210	ug/Kg
105-60-2	Caprolactam	210	J	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		35	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	3300		51	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	4100	E	46	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000		98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2500		54	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2500		52	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MS	SDG No.:	BM080524
Lab Sample ID:	P3171-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM046992.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2400		60	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	2200		56	53	210	ug/Kg
88-74-4	2-Nitroaniline	2200		27	53	210	ug/Kg
131-11-3	Dimethylphthalate	2100		52	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2300		26	53	210	ug/Kg
208-96-8	Acenaphthylene	2200		54	53	210	ug/Kg
99-09-2	3-Nitroaniline	1800		25	100	410	ug/Kg
83-32-9	Acenaphthene	2100		51	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	2700		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1900		51	100	410	ug/Kg
132-64-9	Dibenzofuran	2100		57	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		34	53	210	ug/Kg
84-66-2	Diethylphthalate	1900		75	53	210	ug/Kg
86-73-7	Fluorene	2100		56	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		59	53	210	ug/Kg
100-01-6	4-Nitroaniline	1300		52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2500		52	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2300		64	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		56	53	210	ug/Kg
118-74-1	Hexachlorobenzene	2200		62	53	210	ug/Kg
1912-24-9	Atrazine	1800		49	100	410	ug/Kg
87-86-5	Pentachlorophenol	190000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	2400		55	53	210	ug/Kg
608-93-5	Pentachlorobenzene	2200		64	53	210	ug/Kg
120-12-7	Anthracene	2100		54	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2500		41	53	210	ug/Kg
86-74-8	Carbazole	2100		56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	2100		52	53	210	ug/Kg
206-44-0	Fluoranthene	2300		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MS	SDG No.:	BM080524
Lab Sample ID:	P3171-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM046992.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2200		55	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	2300		40	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	2100		49	53	210	ug/Kg
218-01-9	Chrysene	2100		56	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2400		55	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		52	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		56	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	2100		52	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		46	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		46	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		44	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	19000	E	46	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.191		15-120		90	SPK: -8
7291-22-7	Pyridine-d5	40.135		20-120		100	SPK: -40
4165-62-2	Phenol-d5	47.86		10-130		120	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	48.73		10-150		122	SPK: -40
93951-73-6	2-Chlorophenol-d4	46.638		15-120		117	SPK: -40
190780-66-6	4-Methylphenol-d8	47.409		10-140		119	SPK: -40
4165-60-0	Nitrobenzene-d5	49.05		10-135		123	SPK: -40
93951-78-1	2-Nitrophenol-d4	50.141	*	10-120		125	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	50.716		10-140		127	SPK: -40
191656-33-4	4-Chloroaniline-d4	44.183		1-145		110	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.755		10-145		114	SPK: -40
93951-97-4	Acenaphthylene-d8	47.562		15-120		119	SPK: -40
93951-79-2	4-Nitrophenol-d4	48.212		10-150		121	SPK: -40
81103-79-9	Fluorene-d10	44.816		20-140		112	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MS	SDG No.:	BM080524
Lab Sample ID:	P3171-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM046992.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	51.161		10-130		128	SPK: -40
1719-06-8	Anthracene-d10	46.596		10-150		116	SPK: -40
1718-52-1	Pyrene-d10	48.665		10-130		122	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.143		10-140		118	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156411	7.398				
1146-65-2	Naphthalene-d8	580980	10.163				
15067-26-2	Acenaphthene-d10	371639	14.063				
1517-22-2	Phenanthrene-d10	735389	16.833				
1719-03-5	Chrysene-d12	663634	21.056				
1520-96-3	Perylene-d12	778047	23.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW8	SDG No.:	BM080524
Lab Sample ID:	P3171-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.7
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
BM046993.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9.1	92	ug/Kg
100-52-7	Benzaldehyde	100	U	100	110	460	ug/Kg
110-86-1	Pyridine	59	U	59	230	460	ug/Kg
108-95-2	Phenol	48	U	48	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	110	460	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	58.8	240	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	110	460	ug/Kg
98-86-2	Acetophenone	53	U	53	110	460	ug/Kg
106-44-5	4-Methylphenol	44	U	44	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	58.8	240	ug/Kg
67-72-1	Hexachloroethane	32	U	32	58.8	240	ug/Kg
98-95-3	Nitrobenzene	50	U	50	58.8	240	ug/Kg
78-59-1	Isophorone	47	U	47	58.8	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	58.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	58.8	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	58.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	58.8	240	ug/Kg
91-20-3	Naphthalene	47	U	47	58.8	240	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	58.8	460	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	58.8	240	ug/Kg
105-60-2	Caprolactam	170	U	170	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	58.8	240	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	58.8	240	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	58.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	58.8	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	58.8	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW8	SDG No.:	BM080524
Lab Sample ID:	P3171-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046993.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	66	U	66	58.8	240	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	58.8	240	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	58.8	240	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	58.8	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	58.8	240	ug/Kg
208-96-8	Acenaphthylene	59	U	59	58.8	240	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	110	460	ug/Kg
83-32-9	Acenaphthene	57	U	57	58.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	460	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	460	ug/Kg
132-64-9	Dibenzofuran	64	U	64	58.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	58.8	240	ug/Kg
84-66-2	Diethylphthalate	83	U	83	58.8	240	ug/Kg
86-73-7	Fluorene	62	U	62	58.8	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65	U	65	58.8	240	ug/Kg
100-01-6	4-Nitroaniline	58	U	58	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	58.8	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	71	U	71	58.8	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	62	U	62	58.8	240	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	58.8	240	ug/Kg
1912-24-9	Atrazine	54	U	54	110	460	ug/Kg
87-86-5	Pentachlorophenol	1400		120	110	460	ug/Kg
85-01-8	Phenanthrene	61	U	61	58.8	240	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	58.8	240	ug/Kg
120-12-7	Anthracene	59	U	59	58.8	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	46	U	46	58.8	240	ug/Kg
86-74-8	Carbazole	62	U	62	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	58.8	240	ug/Kg
206-44-0	Fluoranthene	61	U	61	110	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW8	SDG No.:	BM080524
Lab Sample ID:	P3171-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046993.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	58.8	240	ug/Kg
85-68-7	Butylbenzylphthalate	44	U	44	58.8	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	54	58.8	240	ug/Kg
218-01-9	Chrysene	62	U	62	58.8	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61	U	61	58.8	240	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	58.8	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	58.8	240	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	58.8	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	58.8	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	58.8	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	58.8	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	J	51	58.8	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.924		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	11.561		20-120		29	SPK: -40
4165-62-2	Phenol-d5	22.319		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.164		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.536		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	22.951		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	21.862		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.172		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.114		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.712		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.721		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.997		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.859		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.313		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW8	SDG No.:	BM080524
Lab Sample ID:	P3171-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046993.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.012		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	25.18		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.915		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.02		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172959	7.398				
1146-65-2	Naphthalene-d8	657421	10.157				
15067-26-2	Acenaphthene-d10	436681	14.057				
1517-22-2	Phenanthrene-d10	937102	16.816				
1719-03-5	Chrysene-d12	858899	21.051				
1520-96-3	Perylene-d12	952207	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	170	J			3.281	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			4.599	
099210-90-9	(R)-(-)-2-Methyl-2,4-pentanediol	110	J			5.775	
	(DEL) Alkane: Straight-Chain	190	J			7.04	
000104-76-7	1-Hexanol, 2-ethyl-	140	J			7.481	
000770-35-4	1-Phenoxypropan-2-ol	140	J			10.916	
000057-10-3	n-Hexadecanoic acid	140	J			17.751	
000506-51-4	n-Tetracosanol-1	200	J			20.786	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MSD	SDG No.:	BM080524
Lab Sample ID:	P3171-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046994.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	760		16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	3000		93	100	410	ug/Kg
110-86-1	Pyridine	2200		54	210	410	ug/Kg
108-95-2	Phenol	2500		44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2100		42	100	410	ug/Kg
95-57-8	2-Chlorophenol	2200		35	52.9	210	ug/Kg
95-48-7	2-Methylphenol	2200		37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		34	100	410	ug/Kg
98-86-2	Acetophenone	1900		47	100	410	ug/Kg
106-44-5	4-Methylphenol	2200		40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2300		36	52.9	210	ug/Kg
67-72-1	Hexachloroethane	2200		29	52.9	210	ug/Kg
98-95-3	Nitrobenzene	2100		45	52.9	210	ug/Kg
78-59-1	Isophorone	2800		42	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	2300		40	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		35	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2100		47	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2400		49	52.9	210	ug/Kg
91-20-3	Naphthalene	3100		42	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	1400		54	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	2200		42	52.9	210	ug/Kg
105-60-2	Caprolactam	260	J	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		35	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	3300	E	51	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	4200	E	46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000		98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2500		54	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2400		52	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MSD	SDG No.:	BM080524
Lab Sample ID:	P3171-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046994.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2400		60	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	2200		56	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	2200		27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	2100		52	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		26	52.9	210	ug/Kg
208-96-8	Acenaphthylene	2200		54	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	1800		25	100	410	ug/Kg
83-32-9	Acenaphthene	2100		51	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	2100		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	2100		51	100	410	ug/Kg
132-64-9	Dibenzofuran	2100		57	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		34	52.9	210	ug/Kg
84-66-2	Diethylphthalate	1900		75	52.9	210	ug/Kg
86-73-7	Fluorene	2200		56	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		59	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	1300		52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2400		52	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2300		64	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		56	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	2200		62	52.9	210	ug/Kg
1912-24-9	Atrazine	1800		49	100	410	ug/Kg
87-86-5	Pentachlorophenol	200000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	2400		55	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	2200		64	52.9	210	ug/Kg
120-12-7	Anthracene	2100		54	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2400		41	52.9	210	ug/Kg
86-74-8	Carbazole	2100		56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	2100		52	52.9	210	ug/Kg
206-44-0	Fluoranthene	2200		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MSD	SDG No.:	BM080524
Lab Sample ID:	P3171-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046994.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2200		55	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	2300		40	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	2100		49	52.9	210	ug/Kg
218-01-9	Chrysene	2100		56	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		55	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		52	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		56	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	2000		52	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		46	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		46	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		44	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	20000	E	46	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.329		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	39.904		20-120		100	SPK: -40
4165-62-2	Phenol-d5	47.624		10-130		119	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	50.202		10-150		126	SPK: -40
93951-73-6	2-Chlorophenol-d4	47.036		15-120		118	SPK: -40
190780-66-6	4-Methylphenol-d8	47.519		10-140		119	SPK: -40
4165-60-0	Nitrobenzene-d5	47.592		10-135		119	SPK: -40
93951-78-1	2-Nitrophenol-d4	49.75	*	10-120		124	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	50.32		10-140		126	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.846		1-145		92	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.65		10-145		114	SPK: -40
93951-97-4	Acenaphthylene-d8	47.41		15-120		119	SPK: -40
93951-79-2	4-Nitrophenol-d4	47.693		10-150		119	SPK: -40
81103-79-9	Fluorene-d10	45.039		20-140		113	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MSD	SDG No.:	BM080524
Lab Sample ID:	P3171-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046994.D	1	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	50.851		10-130		127	SPK: -40
1719-06-8	Anthracene-d10	46.851		10-150		117	SPK: -40
1718-52-1	Pyrene-d10	48.562		10-130		121	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.035		10-140		118	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140941	7.404				
1146-65-2	Naphthalene-d8	534868	10.163				
15067-26-2	Acenaphthene-d10	349904	14.063				
1517-22-2	Phenanthrene-d10	701498	16.833				
1719-03-5	Chrysene-d12	643983	21.056				
1520-96-3	Perylene-d12	753043	23.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SBLK219	SDG No.:	BM080524
Lab Sample ID:	PB162219BL	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
BM046996.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

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

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SBLK219	SDG No.:	BM080524
Lab Sample ID:	PB162219BL	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
BM046996.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

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:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SBLK219	SDG No.:	BM080524
Lab Sample ID:	PB162219BL	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
BM046996.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

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	4.558		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	25.699		20-120		64	SPK: -40
4165-62-2	Phenol-d5	27.653		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.109		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.409		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	26.973		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.113		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.98		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.819		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.616		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.317		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.613		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.74		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.884		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SBLK219	SDG No.:	BM080524
Lab Sample ID:	PB162219BL	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
BM046996.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.011		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	28.012		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	28.754		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.101		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168908	7.398				
1146-65-2	Naphthalene-d8	616790	10.157				
15067-26-2	Acenaphthene-d10	400327	14.057				
1517-22-2	Phenanthrene-d10	905615	16.815				
1719-03-5	Chrysene-d12	840885	21.051				
1520-96-3	Perylene-d12	908693	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E08	SDG No.:	BM080524
Lab Sample ID:	P3329-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046997.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.5	85	ug/Kg
100-52-7	Benzaldehyde	96	U	96	110	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
108-95-2	Phenol	1500		45	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.4	220	ug/Kg
95-48-7	2-Methylphenol	790		38	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	420	ug/Kg
98-86-2	Acetophenone	49	U	49	110	420	ug/Kg
106-44-5	4-Methylphenol	2200		41	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	54.4	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	54.4	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.4	220	ug/Kg
78-59-1	Isophorone	44	U	44	54.4	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	950		36	54.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	54.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.4	220	ug/Kg
91-20-3	Naphthalene	6600	E	44	54.4	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.4	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	54.4	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	780		52	54.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	1700		47	54.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.4	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E08	SDG No.:	BM080524
Lab Sample ID:	P3329-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046997.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	320		61	54.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	54.4	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.4	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.4	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.4	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	1000		52	54.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	110	420	ug/Kg
132-64-9	Dibenzofuran	920		59	54.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	54.4	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.4	220	ug/Kg
86-73-7	Fluorene	1100		58	54.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.4	220	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	54.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	54.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	54.4	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.4	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	2800		56	54.4	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	54.4	220	ug/Kg
120-12-7	Anthracene	1900		55	54.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.4	220	ug/Kg
86-74-8	Carbazole	890		58	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.4	220	ug/Kg
206-44-0	Fluoranthene	1500		56	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E08	SDG No.:	BM080524
Lab Sample ID:	P3329-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046997.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	960		56	54.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	310		50	54.4	220	ug/Kg
218-01-9	Chrysene	340		58	54.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	54.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	54	54.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	J	58	54.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	54	54.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	54.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	54.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	54.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.838		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	10.603		20-120		27	SPK: -40
4165-62-2	Phenol-d5	15.752		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.277		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.746		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	16.614		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	14.709		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.434		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.367		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.08		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.314		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.391		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.598		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	16.283		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E08	SDG No.:	BM080524
Lab Sample ID:	P3329-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BM046997.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.955		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	15.999		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	17.218		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.905		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220025	7.398				
1146-65-2	Naphthalene-d8	883183	10.157				
15067-26-2	Acenaphthene-d10	598407	14.057				
1517-22-2	Phenanthrene-d10	1297228	16.815				
1719-03-5	Chrysene-d12	1176086	21.05				
1520-96-3	Perylene-d12	1314656	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	1800	J			3.769	
000503-74-2	Butanoic acid, 3-methyl-	220	J			4.416	
000109-52-4	Pentanoic acid	260	J			4.998	
000142-62-1	Hexanoic acid	310	J			6.504	
000496-11-7	Indane	240	J			7.763	
000673-32-5	Benzene, 1-propynyl-	150	J			7.922	
000065-85-0	Benzoic acid	280	J			9.486	
000620-17-7	Phenol, 3-ethyl-	200	J			9.639	
000108-68-9	Phenol, 3,5-dimethyl-	480	J			9.675	
000095-65-8	Phenol, 3,4-dimethyl-	170	J			10.057	
000103-82-2	Benzenecetic acid	430	J			10.757	
000645-56-7	Phenol, 4-propyl-	360	J			11.004	
000080-53-5	Cyclohexanemethanol, 4-hydroxy-.al	1600	J			11.927	
1000151-60-8	4-Octene-2,7-diol, 2,7-dimethyl-,	490	J			12.216	
000581-42-0	Naphthalene, 2,6-dimethyl-	190	J			13.21	
000581-40-8	Naphthalene, 2,3-dimethyl-	280	J			13.368	
000571-61-9	Naphthalene, 1,5-dimethyl-	160	J			13.427	

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E08	SDG No.:	BM080524
Lab Sample ID:	P3329-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046997.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000643-93-6	1,1-Biphenyl, 3-methyl-	150	J			15.28	
007320-53-8	Dibenzofuran, 4-methyl-	180	J			15.415	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	250	J			15.562	
000059-31-4	2(1H)-Quinolinone	3000	J			16.098	
001730-37-6	9H-Fluorene, 1-methyl-	150	J			16.127	
000132-65-0	Dibenzothiophene	270	J			16.633	
002531-84-2	Phenanthrene, 2-methyl-	240	J			17.692	
000832-69-9	Phenanthrene, 1-methyl-	460	J			17.745	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	200	J			17.821	
000203-64-5	4H-Cyclopenta[def]phenanthrene	440	J			17.886	
000612-94-2	Naphthalene, 2-phenyl-	160	J			18.203	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.762	
002381-21-7	Pyrene, 1-methyl-	130	J			19.862	
	(DEL) Alkane: Straight-Chain20.786	95	J			20.786	
E966796	Total Alkanes	95				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13	SDG No.:	BM080524
Lab Sample ID:	P3329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM046998.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	92	U	92	100	400	ug/Kg
110-86-1	Pyridine	53	U	53	200	400	ug/Kg
108-95-2	Phenol	200	J	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52	210	ug/Kg
95-48-7	2-Methylphenol	94	J	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	270	J	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	52	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52	210	ug/Kg
78-59-1	Isophorone	42	U	42	52	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	J	34	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52	210	ug/Kg
91-20-3	Naphthalene	6800	E	42	52	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	1100		50	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	2400		45	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13	SDG No.:	BM080524
Lab Sample ID:	P3329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM046998.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	490		59	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52	210	ug/Kg
208-96-8	Acenaphthylene	110	J	53	52	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	1600		50	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	1300		56	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	52	210	ug/Kg
86-73-7	Fluorene	1600		55	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	52	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	4000	E	54	52	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	52	210	ug/Kg
120-12-7	Anthracene	650		53	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	52	210	ug/Kg
86-74-8	Carbazole	460		55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	52	210	ug/Kg
206-44-0	Fluoranthene	2100		54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13	SDG No.:	BM080524
Lab Sample ID:	P3329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM046998.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		54	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	430		48	52	210	ug/Kg
218-01-9	Chrysene	360		55	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		51	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	J	55	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	51	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.479		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	14.678		20-120		37	SPK: -40
4165-62-2	Phenol-d5	16.898		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.19		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.637		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	17.676		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.201		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.618		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.783		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.796		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.184		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.404		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.015		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	18.464		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13	SDG No.:	BM080524
Lab Sample ID:	P3329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM046998.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.014		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	17.411		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.783		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.718		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208118	7.398				
1146-65-2	Naphthalene-d8	809151	10.157				
15067-26-2	Acenaphthene-d10	547145	14.057				
1517-22-2	Phenanthrene-d10	1197854	16.816				
1719-03-5	Chrysene-d12	1136490	21.051				
1520-96-3	Perylene-d12	1280663	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	180	J			7.763	
000095-13-6	Indene	340	J			7.922	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	180	J			9.569	
000622-76-4	Benzene, 1-butylnyl-	140	J			9.675	
000770-35-4	1-Phenoxypropan-2-ol	100	J			10.916	
000080-53-5	Cyclohexanemethanol, 4-hydroxy-.al	160	J			11.928	
000939-27-5	Naphthalene, 2-ethyl-	170	J			13.075	
000575-43-9	Naphthalene, 1,6-dimethyl-	250	J			13.21	
000581-40-8	Naphthalene, 2,3-dimethyl-	370	J			13.369	
000581-42-0	Naphthalene, 2,6-dimethyl-	210	J			13.428	
000571-58-4	Naphthalene, 1,4-dimethyl-	140	J			13.61	
001855-47-6	1-Isopropenylnaphthalene	110	J			14.369	
000954-21-2	Nordiphenamid	210	J			15.28	
000101-81-5	Diphenylmethane	100	J			15.369	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	240	J			15.416	
006344-67-8	9H-Fluoren-3-ol	330	J			15.563	
001430-97-3	9H-Fluorene, 2-methyl-	250	J			16.127	

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13	SDG No.:	BM080524
Lab Sample ID:	P3329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM046998.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001730-37-6	9H-Fluorene, 1-methyl-	91	J			16.274	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	110	J			16.557	
000132-65-0	Dibenzothiophene	370	J			16.633	
002531-84-2	Phenanthrene, 2-methyl-	330	J			17.692	
000832-69-9	Phenanthrene, 1-methyl-	560	J			17.745	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	180	J			17.821	
000203-64-5	4H-Cyclopenta[def]phenanthrene	640	J			17.886	
000779-02-2	Anthracene, 9-methyl-	140	J			17.921	
000612-94-2	Naphthalene, 2-phenyl-	200	J			18.204	
003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			18.627	
003442-78-2	Pyrene, 2-methyl-	97	J			19.598	
000243-17-4	11H-Benzo[b]fluorene	180	J			19.762	
033543-31-6	Fluoranthene, 2-methyl-	190	J			19.862	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E21	SDG No.:	BM080524
Lab Sample ID:	P3329-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046999.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

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

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E21	SDG No.:	BM080524
Lab Sample ID:	P3329-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046999.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

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

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E21	SDG No.:	BM080524
Lab Sample ID:	P3329-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046999.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51	200	ug/Kg
218-01-9	Chrysene	54	U	54	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.375		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	19.972		20-120		50	SPK: -40
4165-62-2	Phenol-d5	26.655		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.304		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.569		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	26.761		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	25.994		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.225		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.718		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.36		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.415		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.074		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.978		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	27.472		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E21	SDG No.:	BM080524
Lab Sample ID:	P3329-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046999.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.835		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	28.626		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	29.175		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.001		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188684	7.398				
1146-65-2	Naphthalene-d8	706372	10.157				
15067-26-2	Acenaphthene-d10	445308	14.057				
1517-22-2	Phenanthrene-d10	916947	16.816				
1719-03-5	Chrysene-d12	838503	21.051				
1520-96-3	Perylene-d12	984694	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	130	J			3.281	
000770-35-4	1-Phenoxypropan-2-ol	80	J			10.916	
000057-10-3	n-Hexadecanoic acid	180	J			17.751	
000506-51-4	n-Tetracosanol-1	210	J			20.786	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	F7E22	SDG No.:	BM080524
Lab Sample ID:	P3329-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM047000.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	88	U	88	96.6	390	ug/Kg
110-86-1	Pyridine	50	U	50	190	390	ug/Kg
108-95-2	Phenol	41	U	41	96.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.8	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	96.6	390	ug/Kg
98-86-2	Acetophenone	45	U	45	96.6	390	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.8	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.8	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.8	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	49.8	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.8	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	96.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	F7E22	SDG No.:	BM080524
Lab Sample ID:	P3329-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM047000.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

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

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	F7E22	SDG No.:	BM080524
Lab Sample ID:	P3329-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM047000.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	49.8	200	ug/Kg
218-01-9	Chrysene	53	U	53	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.796		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	18.029		20-120		45	SPK: -40
4165-62-2	Phenol-d5	21.558		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.673		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.19		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.246		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.712		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.936		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.397		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.053		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.121		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.01		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.4		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	21.384		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	F7E22	SDG No.:	BM080524
Lab Sample ID:	P3329-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM047000.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.189		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	22.241		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	21.885		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.19		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180760	7.398				
1146-65-2	Naphthalene-d8	661758	10.157				
15067-26-2	Acenaphthene-d10	396535	14.057				
1517-22-2	Phenanthrene-d10	789146	16.816				
1719-03-5	Chrysene-d12	808389	21.051				
1520-96-3	Perylene-d12	935766	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.751	
077899-03-7	1-Heneicosyl formate	120	J			20.786	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E23	SDG No.:	BM080524
Lab Sample ID:	P3329-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047001.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	75	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92.8	370	ug/Kg
110-86-1	Pyridine	48	U	48	190	370	ug/Kg
108-95-2	Phenol	39	U	39	92.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92.8	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.8	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	92.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92.8	370	ug/Kg
98-86-2	Acetophenone	43	U	43	92.8	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	47.8	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.8	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	47.8	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.8	190	ug/Kg
91-20-3	Naphthalene	38	U	38	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.8	190	ug/Kg
105-60-2	Caprolactam	130	U	130	92.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	89	U	89	92.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E23	SDG No.:	BM080524
Lab Sample ID:	P3329-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047001.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	47.8	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	92.8	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	92.8	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92.8	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.8	190	ug/Kg
84-66-2	Diethylphthalate	67	U	67	47.8	190	ug/Kg
86-73-7	Fluorene	51	U	51	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.8	190	ug/Kg
1912-24-9	Atrazine	44	U	44	92.8	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92.8	370	ug/Kg
85-01-8	Phenanthrene	49	U	49	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.8	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.8	190	ug/Kg
86-74-8	Carbazole	51	U	51	92.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.8	190	ug/Kg
206-44-0	Fluoranthene	49	U	49	92.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E23	SDG No.:	BM080524
Lab Sample ID:	P3329-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047001.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.8	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.674		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	13.608		20-120		34	SPK: -40
4165-62-2	Phenol-d5	16.296		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.26		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.479		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.81		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	16.295		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.138		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.17		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.145		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.342		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.112		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.538		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	16.292		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E23	SDG No.:	BM080524
Lab Sample ID:	P3329-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047001.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.761		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	17.538		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	17.36		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.643		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151948	7.399				
1146-65-2	Naphthalene-d8	550484	10.157				
15067-26-2	Acenaphthene-d10	358929	14.051				
1517-22-2	Phenanthrene-d10	691946	16.816				
1719-03-5	Chrysene-d12	671409	21.051				
1520-96-3	Perylene-d12	803140	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	80	J			17.751	
	(DEL) Alkane: Straight-Chain	20.786	J			20.786	
E966796	Total Alkanes	79				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E24	SDG No.:	BM080524
Lab Sample ID:	P3329-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047002.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
110-86-1	Pyridine	53	U	53	200	400	ug/Kg
100-52-7	Benzaldehyde	92	U	92	100	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	47	U	47	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52	210	ug/Kg
78-59-1	Isophorone	42	U	42	52	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52	210	ug/Kg
91-20-3	Naphthalene	250		42	52	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E24	SDG No.:	BM080524
Lab Sample ID:	P3329-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047002.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	52	210	ug/Kg
86-73-7	Fluorene	55	U	55	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	54	U	54	52	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	52	210	ug/Kg
120-12-7	Anthracene	53	U	53	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	52	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	52	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E24	SDG No.:	BM080524
Lab Sample ID:	P3329-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047002.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52	210	ug/Kg
218-01-9	Chrysene	55	U	55	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	15.672		20-120		39	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.606		15-120		33	SPK: -8
4165-62-2	Phenol-d5	18.371		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.877		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.475		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.112		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	18.705		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.534		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.646		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.305		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.179		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.2		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.821		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	18.621		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E24	SDG No.:	BM080524
Lab Sample ID:	P3329-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047002.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.187		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	19.276		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.332		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.795		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190252	7.398				
1146-65-2	Naphthalene-d8	698641	10.157				
15067-26-2	Acenaphthene-d10	435905	14.051				
1517-22-2	Phenanthrene-d10	908587	16.815				
1719-03-5	Chrysene-d12	829065	21.045				
1520-96-3	Perylene-d12	969913	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	96	J			17.751	
959261-23-5	Heptafluorobutyric acid, pentadecy	110	J			20.786	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E14	SDG No.:	BM080524
Lab Sample ID:	P3329-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BM047003.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	98.1	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	98.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.1	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.1	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.5	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.5	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.5	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.5	200	ug/Kg
91-20-3	Naphthalene	1400		40	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.5	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	220		49	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	470		44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E14	SDG No.:	BM080524
Lab Sample ID:	P3329-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047003.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	87	J	57	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.5	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.1	390	ug/Kg
83-32-9	Acenaphthene	330		49	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.1	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.1	390	ug/Kg
132-64-9	Dibenzofuran	280		55	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.5	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.5	200	ug/Kg
86-73-7	Fluorene	320		54	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.5	200	ug/Kg
1912-24-9	Atrazine	46	U	46	98.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.1	390	ug/Kg
85-01-8	Phenanthrene	800		52	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.5	200	ug/Kg
120-12-7	Anthracene	130	J	51	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.5	200	ug/Kg
86-74-8	Carbazole	150	J	54	98.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.5	200	ug/Kg
206-44-0	Fluoranthene	330		52	98.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E14	SDG No.:	BM080524
Lab Sample ID:	P3329-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047003.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210		52	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	69	J	46	50.5	200	ug/Kg
218-01-9	Chrysene	58	J	54	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	98.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.862		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	14.238		20-120		36	SPK: -40
4165-62-2	Phenol-d5	20.013		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.459		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.912		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	20.581		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.585		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.426		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.5		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.771		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.256		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.272		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.853		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	21.244		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E14	SDG No.:	BM080524
Lab Sample ID:	P3329-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047003.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.549		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	21.594		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	19.723		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.739		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176581	7.398				
1146-65-2	Naphthalene-d8	613228	10.157				
15067-26-2	Acenaphthene-d10	434734	14.057				
1517-22-2	Phenanthrene-d10	969145	16.815				
1719-03-5	Chrysene-d12	1121540	21.05				
1520-96-3	Perylene-d12	1299504	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	100	J			10.91	
000057-10-3	n-Hexadecanoic acid	240	J			17.75	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			17.886	
	(DEL) Alkane: Cyclic20.786	100	J			20.786	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E15	SDG No.:	BM080524
Lab Sample ID:	P3329-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BM047004.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	75	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92.7	370	ug/Kg
110-86-1	Pyridine	48	U	48	190	370	ug/Kg
108-95-2	Phenol	39	U	39	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.8	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92.7	370	ug/Kg
98-86-2	Acetophenone	43	U	43	92.7	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	47.8	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.8	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	47.8	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.8	190	ug/Kg
91-20-3	Naphthalene	700		38	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.8	190	ug/Kg
105-60-2	Caprolactam	130	U	130	92.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	75	J	46	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	42	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	89	U	89	92.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E15	SDG No.:	BM080524
Lab Sample ID:	P3329-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BM047004.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	47.8	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	92.7	370	ug/Kg
83-32-9	Acenaphthene	110	J	46	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92.7	370	ug/Kg
132-64-9	Dibenzofuran	88	J	52	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.8	190	ug/Kg
84-66-2	Diethylphthalate	67	U	67	47.8	190	ug/Kg
86-73-7	Fluorene	99	J	51	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.8	190	ug/Kg
1912-24-9	Atrazine	44	U	44	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92.7	370	ug/Kg
85-01-8	Phenanthrene	240		49	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.8	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.8	190	ug/Kg
86-74-8	Carbazole	60	J	51	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.8	190	ug/Kg
206-44-0	Fluoranthene	100	J	49	92.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E15	SDG No.:	BM080524
Lab Sample ID:	P3329-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BM047004.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	68	J	49	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.8	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.809		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.9		20-120		37	SPK: -40
4165-62-2	Phenol-d5	19.164		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.258		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.547		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	19.342		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	18.837		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.782		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.031		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.605		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.02		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.876		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.818		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	19.776		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E15	SDG No.:	BM080524
Lab Sample ID:	P3329-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BM047004.D	1	7/22/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.684		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	20.346		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	20.006		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.343		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178890	7.398				
1146-65-2	Naphthalene-d8	679326	10.151				
15067-26-2	Acenaphthene-d10	432324	14.057				
1517-22-2	Phenanthrene-d10	913625	16.815				
1719-03-5	Chrysene-d12	893082	21.044				
1520-96-3	Perylene-d12	1044666	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	76	J			10.916	
000057-10-3	n-Hexadecanoic acid	140	J			17.75	
959261-23-5	Heptafluorobutyric acid, pentadecy	120	J			20.786	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E16	SDG No.:	BM080524
Lab Sample ID:	P3329-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047005.D	1	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.3	74	ug/Kg
100-52-7	Benzaldehyde	83	U	83	91	360	ug/Kg
110-86-1	Pyridine	47	U	47	180	360	ug/Kg
108-95-2	Phenol	39	U	39	91	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	91	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.9	190	ug/Kg
95-48-7	2-Methylphenol	33	U	33	91	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	91	360	ug/Kg
98-86-2	Acetophenone	42	U	42	91	360	ug/Kg
106-44-5	4-Methylphenol	35	U	35	91	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	46.9	190	ug/Kg
67-72-1	Hexachloroethane	25	U	25	46.9	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	46.9	190	ug/Kg
78-59-1	Isophorone	37	U	37	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	42	U	42	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	46.9	190	ug/Kg
91-20-3	Naphthalene	700		37	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	46.9	190	ug/Kg
105-60-2	Caprolactam	130	U	130	91	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	61	J	45	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	41	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	87	U	87	91	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E16	SDG No.:	BM080524
Lab Sample ID:	P3329-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
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
BM047005.D	1	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	46.9	190	ug/Kg
208-96-8	Acenaphthylene	47	U	47	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	91	360	ug/Kg
83-32-9	Acenaphthene	89	J	45	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	91	360	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	91	360	ug/Kg
132-64-9	Dibenzofuran	77	J	51	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	46.9	190	ug/Kg
84-66-2	Diethylphthalate	66	U	66	46.9	190	ug/Kg
86-73-7	Fluorene	79	J	50	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	91	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	91	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.9	190	ug/Kg
1912-24-9	Atrazine	43	U	43	91	360	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	91	360	ug/Kg
85-01-8	Phenanthrene	190		49	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	46.9	190	ug/Kg
120-12-7	Anthracene	47	U	47	46.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	46.9	190	ug/Kg
86-74-8	Carbazole	64	J	50	91	360	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	46.9	190	ug/Kg
206-44-0	Fluoranthene	70	J	49	91	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E16	SDG No.:	BM080524
Lab Sample ID:	P3329-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
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
BM047005.D	1	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	91	360	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	46.9	190	ug/Kg
218-01-9	Chrysene	50	U	50	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	37	U	37	91	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	46	U	46	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.463		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	17.198		20-120		43	SPK: -40
4165-62-2	Phenol-d5	21.855		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.956		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.074		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.937		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.237		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.273		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.962		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.549		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.281		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.629		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.763		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	22.568		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E16	SDG No.:	BM080524
Lab Sample ID:	P3329-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
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
BM047005.D	1	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.991		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	23.691		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	22.954		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.023		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170483	7.398				
1146-65-2	Naphthalene-d8	619966	10.157				
15067-26-2	Acenaphthene-d10	370591	14.051				
1517-22-2	Phenanthrene-d10	793240	16.815				
1719-03-5	Chrysene-d12	810173	21.045				
1520-96-3	Perylene-d12	960523	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	81	J			10.916	
000057-10-3	n-Hexadecanoic acid	140	J			17.751	
	(DEL) Alkane: Cyclic20.786	120	J			20.786	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E26	SDG No.:	BM080524
Lab Sample ID:	P3329-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047006.D	1	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.4	84	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	54	U	54	210	420	ug/Kg
108-95-2	Phenol	44	U	44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	48	U	48	100	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.8	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.8	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.8	220	ug/Kg
78-59-1	Isophorone	43	U	43	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.8	220	ug/Kg
91-20-3	Naphthalene	63	J	43	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.8	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E26	SDG No.:	BM080524
Lab Sample ID:	P3329-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047006.D	1	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.8	220	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.8	220	ug/Kg
84-66-2	Diethylphthalate	170	J	76	53.8	220	ug/Kg
86-73-7	Fluorene	57	U	57	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.8	220	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.8	220	ug/Kg
120-12-7	Anthracene	54	U	54	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.8	220	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.8	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E26	SDG No.:	BM080524
Lab Sample ID:	P3329-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047006.D	1	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.8	220	ug/Kg
218-01-9	Chrysene	57	U	57	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	56	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.889		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	15.575		20-120		39	SPK: -40
4165-62-2	Phenol-d5	19.128		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.605		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.223		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	19.589		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	19.999		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.451		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.86		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.164		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.454		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.984		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.19		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	19.457		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E26	SDG No.:	BM080524
Lab Sample ID:	P3329-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047006.D	1	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.323		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	19.998		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	19.654		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.614		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198000	7.398				
1146-65-2	Naphthalene-d8	738022	10.151				
15067-26-2	Acenaphthene-d10	411570	14.051				
1517-22-2	Phenanthrene-d10	872020	16.815				
1719-03-5	Chrysene-d12	852022	21.045				
1520-96-3	Perylene-d12	1072920	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.751	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
1000483-83-4	(E)-7-Benzylidene-1-azabicyclo[3.2	120	J			21.192	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW7	SDG No.:	BM080524
Lab Sample ID:	P3171-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BM047007.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	88	U	88	97.3	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.3	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.3	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.1	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.1	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	50.1	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.1	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.1	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	55	J	48	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	86	J	44	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW7	SDG No.:	BM080524
Lab Sample ID:	P3171-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BM047007.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.1	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.3	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.3	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.3	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.1	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.1	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.1	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.3	390	ug/Kg
87-86-5	Pentachlorophenol	4600		100	97.3	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50.1	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.1	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.1	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW7	SDG No.:	BM080524
Lab Sample ID:	P3171-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BM047007.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.1	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390		44	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.566		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	19.029		20-120		48	SPK: -40
4165-62-2	Phenol-d5	24.589		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.509		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.375		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	25.719		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	24.764		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.56		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.123		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.563		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.554		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.895		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.569		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	27.284		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW7	SDG No.:	BM080524
Lab Sample ID:	P3171-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BM047007.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.316		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	27.061		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.838		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.339		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154356	7.398				
1146-65-2	Naphthalene-d8	603270	10.151				
15067-26-2	Acenaphthene-d10	416092	14.051				
1517-22-2	Phenanthrene-d10	940171	16.815				
1719-03-5	Chrysene-d12	918681	21.044				
1520-96-3	Perylene-d12	1038311	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.463	170	J			5.463	
	(DEL) Alkane: Straight-Chain6.469	94	J			6.469	
	(DEL) Alkane: Straight-Chain7.040	660	J			7.04	
000104-76-7	1-Hexanol, 2-ethyl-	210	J			7.475	
003178-24-3	Cyclohexane, 1,1-(1,3-propanediyl	120	J			7.681	
	(DEL) Alkane: Straight-Chain7.934	160	J			7.934	
	(DEL) Alkane: Straight-Chain7.992	79	J			7.992	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	93	J			8.034	
	(DEL) Alkane: Straight-Chain8.622	600	J			8.622	
	unknown-01	120	J			8.734	
000627-48-5	Cyanic acid, ethyl ester	120	J			10.551	
	(DEL) Alkane: Straight-Chain11.204	110	J			11.204	
	(DEL) Alkane: Straight-Chain11.616	190	J			11.616	
	(DEL) Alkane: Straight-Chain12.598	86	J			12.598	
	(DEL) Alkane: Straight-Chain12.892	210	J			12.892	
000582-16-1	Naphthalene, 2,7-dimethyl-	110	J			13.21	
000575-43-9	Naphthalene, 1,6-dimethyl-	83	J			13.422	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW7	SDG No.:	BM080524
Lab Sample ID:	P3171-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BM047007.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
013187-99-0	(DEL) Alkane: Straight-Chain13.563	94	J			13.563	
	(DEL) Alkane: Straight-Chain13.986	200	J			13.986	
	unknown-02	79	J			14.61	
	(DEL) Alkane: Straight-Chain14.951	170	J			14.951	
	2-Bromo dodecane	130	J			15.357	
	(DEL) Alkane: Straight-Chain15.821	160	J			15.821	
	(DEL) Alkane: Straight-Chain16.615	120	J			16.615	
	(DEL) Alkane: Straight-Chain16.662	100	J			16.662	
000057-10-3	(DEL) Alkane: Straight-Chain17.351	110	J			17.351	
	n-Hexadecanoic acid	140	J			17.751	
	(DEL) Alkane: Straight-Chain18.051	83	J			18.051	
1000383-14-2	(DEL) Alkane: Straight-Chain18.692	100	J			18.692	
	Carbonic acid, 2-ethylhexyl pentad	330	J			20.792	
1000406-38-8	Eicosyl octyl ether	140	J			21.68	
E966796	Total Alkanes	3500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5	SDG No.:	BM080524
Lab Sample ID:	P3171-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047008.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.8	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	95.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.8	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.4	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.8	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.8	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.4	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.4	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.4	200	ug/Kg
78-59-1	Isophorone	39	U	39	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.4	200	ug/Kg
91-20-3	Naphthalene	220		39	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49.4	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	320		48	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	530		43	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	95.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5	SDG No.:	BM080524
Lab Sample ID:	P3171-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047008.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.4	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.8	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.8	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	95.8	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.4	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.4	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	95.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.4	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.8	380	ug/Kg
87-86-5	Pentachlorophenol	31000	E	100	95.8	380	ug/Kg
85-01-8	Phenanthrene	91	J	51	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.4	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.4	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.4	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	95.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5	SDG No.:	BM080524
Lab Sample ID:	P3171-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047008.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.4	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2700		43	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.967		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	17.655		20-120		44	SPK: -40
4165-62-2	Phenol-d5	36.517		10-130		91	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.303		10-150		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.809		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	38.729		10-140		97	SPK: -40
4165-60-0	Nitrobenzene-d5	38.105		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.518		10-120		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.45		10-140		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.215		1-145		93	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.994		10-145		95	SPK: -40
93951-97-4	Acenaphthylene-d8	38.951		15-120		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.154		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	37.471		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5	SDG No.:	BM080524
Lab Sample ID:	P3171-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047008.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.317		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	39.567		10-150		99	SPK: -40
1718-52-1	Pyrene-d10	39.843		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.826		10-140		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178857	7.398				
1146-65-2	Naphthalene-d8	681866	10.151				
15067-26-2	Acenaphthene-d10	469587	14.051				
1517-22-2	Phenanthrene-d10	941219	16.815				
1719-03-5	Chrysene-d12	896009	21.045				
1520-96-3	Perylene-d12	1013995	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	240	J			3.675	
	(DEL) Alkane: Straight-Chain5.463	510	J			5.463	
	(DEL) Alkane: Cyclic6.063	230	J			6.063	
	(DEL) Alkane: Straight-Chain6.416	260	J			6.416	
	(DEL) Alkane: Straight-Chain6.469	360	J			6.469	
000620-14-4	Benzene, 1-ethyl-3-methyl-	230	J			6.504	
019549-80-5	2-Heptanone, 4,6-dimethyl-	240	J			6.851	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	2100	J			7.04	
000104-76-7	1-Hexanol, 2-ethyl-	1400	J			7.481	
	(DEL) Alkane: Cyclic7.675	380	J			7.675	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	280	J			7.828	
001074-55-1	Benzene, 1-methyl-4-propyl-	550	J			7.934	
	(DEL) Alkane: Straight-Chain7.992	290	J			7.992	
000105-05-5	Benzene, 1,4-diethyl-	330	J			8.034	
	(DEL) Alkane: Straight-Chain8.063	320	J			8.063	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	220	J			8.339	
000099-87-6	p-Cymene	250	J			8.392	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5	SDG No.:	BM080524
Lab Sample ID:	P3171-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BM047008.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.628	2000	J			8.628	
	unknown-01	730	J			8.734	
	(DEL) Alkane: Straight-Chain9.469	170	J			9.469	
	(DEL) Alkane: Straight-Chain9.534	92	J			9.534	
	(DEL) Alkane: Straight-Chain9.616	96	J			9.616	
	unknown-02	290	J			10.557	
	(DEL) Alkane: Straight-Chain11.098	99	J			11.098	
	(DEL) Alkane: Straight-Chain11.204	240	J			11.204	
	(DEL) Alkane: Straight-Chain11.616	400	J			11.616	
	(DEL) Alkane: Straight-Chain12.380	190	J			12.38	
	(DEL) Alkane: Straight-Chain12.457	200	J			12.457	
	(DEL) Alkane: Straight-Chain12.598	380	J			12.598	
000575-43-9	Naphthalene, 1,6-dimethyl-	320	J			13.21	
000581-40-8	Naphthalene, 2,3-dimethyl-	370	J			13.369	
000581-42-0	Naphthalene, 2,6-dimethyl-	420	J			13.422	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	510	J			13.569	
000575-41-7	Naphthalene, 1,3-dimethyl-	220	J			13.61	
	(DEL) Alkane: Straight-Chain13.992	1100	J			13.992	
	unknown-03	410	J			14.169	
	unknown-04	430	J			14.216	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	200	J			14.463	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	190	J			14.545	
	(DEL) Alkane: Straight-Chain14.616	320	J			14.616	
000941-81-1	4,6,8-Trimethylazulene	460	J			14.833	
1000309-20-2	Sulfurous acid, 2-ethylhexyl hexyl	870	J			14.951	
	(DEL) Alkane: Straight-Chain15.363	560	J			15.363	
	(DEL) Alkane: Straight-Chain15.574	260	J			15.574	
1000147-91-5	2-Methylidenehydrazono-3-methyl-6-	220	J			15.716	
	(DEL) Alkane: Straight-Chain15.821	1200	J			15.821	
	(DEL) Alkane: Straight-Chain15.845	490	J			15.845	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5	SDG No.:	BM080524
Lab Sample ID:	P3171-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047008.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.163	350	J			16.163	
	(DEL) Alkane: Straight-Chain16.615	870	J			16.615	
	(DEL) Alkane: Straight-Chain16.668	510	J			16.668	
	(DEL) Alkane: Straight-Chain17.357	780	J			17.357	
000112-39-0	Hexadecanoic acid, methyl ester	300	J			17.527	
000057-10-3	n-Hexadecanoic acid	350	J			17.751	
	(DEL) Alkane: Straight-Chain18.051	580	J			18.051	
	(DEL) Alkane: Straight-Chain18.692	710	J			18.692	
035599-77-0	Tridecane, 1-iodo-	230	J			19.286	
	(DEL) Alkane: Straight-Chain19.821	270	J			19.821	
1000383-13-7	Carbonic acid, decyl 2-ethylhexyl	1100	J			20.792	
	(DEL) Alkane: Straight-Chain21.268	210	J			21.268	
000112-79-8	9-Octadecenoic acid, (E)-	590	J			21.68	
1010383-14-1	Carbonic acid, 2-ethylhexyl tetrad	360	J			21.797	
E966796	Total Alkanes	14000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9DL	SDG No.:	BM080524
Lab Sample ID:	P3171-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047009.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490	U	490	250	2500	ug/Kg
100-52-7	Benzaldehyde	2800	U	2800	3100	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6200	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3100	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3100	12000	ug/Kg
95-57-8	2-Chlorophenol	1100	U	1100	1600	6400	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3100	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	3100	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3100	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3100	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1600	6400	ug/Kg
67-72-1	Hexachloroethane	860	U	860	1600	6400	ug/Kg
98-95-3	Nitrobenzene	1400	U	1400	1600	6400	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6400	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1600	6400	ug/Kg
105-67-9	2,4-Dimethylphenol	1100	U	1100	1600	6400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1600	6400	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1600	6400	ug/Kg
91-20-3	Naphthalene	1300	U	1300	1600	6400	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6400	ug/Kg
105-60-2	Caprolactam	4500	U	4500	3100	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1600	6400	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1600	6400	ug/Kg
91-57-6	2-Methylnaphthalene	2000	JD	1400	1600	6400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	U	3000	3100	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1600	6400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1600	6400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9DL	SDG No.:	BM080524
Lab Sample ID:	P3171-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047009.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800	U	1800	1600	6400	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	1600	6400	ug/Kg
88-74-4	2-Nitroaniline	830	U	830	1600	6400	ug/Kg
131-11-3	Dimethylphthalate	1600	U	1600	1600	6400	ug/Kg
606-20-2	2,6-Dinitrotoluene	790	U	790	1600	6400	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1600	6400	ug/Kg
99-09-2	3-Nitroaniline	750	U	750	3100	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1600	6400	ug/Kg
51-28-5	2,4-Dinitrophenol	4500	U	4500	3100	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3100	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1600	6400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1600	6400	ug/Kg
84-66-2	Diethylphthalate	2300	U	2300	1600	6400	ug/Kg
86-73-7	Fluorene	1700	U	1700	1600	6400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1600	6400	ug/Kg
100-01-6	4-Nitroaniline	1600	U	1600	3100	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	600	U	600	3100	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	1600	6400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1600	6400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700	U	1700	1600	6400	ug/Kg
118-74-1	Hexachlorobenzene	1900	U	1900	1600	6400	ug/Kg
1912-24-9	Atrazine	1500	U	1500	3100	12000	ug/Kg
87-86-5	Pentachlorophenol	230000	ED	3300	3100	12000	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1600	6400	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1600	6400	ug/Kg
120-12-7	Anthracene	1600	U	1600	1600	6400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1600	6400	ug/Kg
86-74-8	Carbazole	1700	U	1700	3100	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1600	6400	ug/Kg
206-44-0	Fluoranthene	1700	U	1700	3100	6400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9DL	SDG No.:	BM080524
Lab Sample ID:	P3171-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047009.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	U	1700	1600	6400	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1600	6400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860	U	860	3100	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1500	U	1500	1600	6400	ug/Kg
218-01-9	Chrysene	1700	U	1700	1600	6400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700	U	1700	1600	6400	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3100	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	1600	6400	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1600	6400	ug/Kg
50-32-8	Benzo(a)pyrene	1600	U	1600	1600	6400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1600	6400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	1600	6400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1600	6400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	15000	D	1400	1600	6400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.48		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	36.12		20-120		90	SPK: -40
4165-62-2	Phenol-d5	43.38		10-130		108	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	47.88		10-150		120	SPK: -40
93951-73-6	2-Chlorophenol-d4	41.19		15-120		103	SPK: -40
190780-66-6	4-Methylphenol-d8	43.59		10-140		109	SPK: -40
4165-60-0	Nitrobenzene-d5	46.41		10-135		116	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.55		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.16		10-140		103	SPK: -40
191656-33-4	4-Chloroaniline-d4	39.03		1-145		98	SPK: -40
85448-30-2	Dimethylphthalate-d6	47.4		10-145		119	SPK: -40
93951-97-4	Acenaphthylene-d8	48.93	*	15-120		122	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.39		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	50.58		20-140		126	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9DL	SDG No.:	BM080524
Lab Sample ID:	P3171-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047009.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.05		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	50.73		10-150		127	SPK: -40
1718-52-1	Pyrene-d10	50.49		10-130		126	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.35		10-140		116	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187776	7.398				
1146-65-2	Naphthalene-d8	713062	10.151				
15067-26-2	Acenaphthene-d10	470340	14.051				
1517-22-2	Phenanthrene-d10	1023992	16.816				
1719-03-5	Chrysene-d12	954763	21.045				
1520-96-3	Perylene-d12	1052957	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.463	7800	JD			5.463	
000107-41-5	Hexylene glycol	5500	JD			5.775	
	(DEL) Alkane: Cyclic6.063	2800	JD			6.063	
	(DEL) Alkane: Straight-Chain6.416	3100	JD			6.416	
	(DEL) Alkane: Straight-Chain6.469	3900	JD			6.469	
000611-14-3	Benzene, 1-ethyl-2-methyl-	3800	JD			6.504	
019549-80-5	2-Heptanone, 4,6-dimethyl-	3000	JD			6.846	
1000382-90-9	Carbonic acid, prop-1-en-2-yl tetr	26000	JD			7.04	
000104-76-7	1-Hexanol, 2-ethyl-	7300	JD			7.475	
1000309-31-0	Oxalic acid, cyclohexyl octyl este	12000	JD			7.628	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	2700	JD			7.828	
	unknown-01	5600	JD			7.934	
	(DEL) Alkane: Straight-Chain7.993	2600	JD			7.993	
000105-05-5	Benzene, 1,4-diethyl-	4400	JD			8.028	
	(DEL) Alkane: Straight-Chain8.063	4700	JD			8.063	
001074-55-1	Benzene, 1-methyl-4-propyl-	3000	JD			8.193	
000099-87-6	p-Cymene	2600	JD			8.393	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9DL	SDG No.:	BM080524
Lab Sample ID:	P3171-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047009.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	4900	JD			8.487	
	(DEL) Alkane: Straight-Chain8.622	21000	JD			8.622	
000149-57-5	Hexanoic acid, 2-ethyl-	10000	JD			8.716	
	unknown-02	5500	JD			10.551	
	(DEL) Alkane: Straight-Chain11.204	3100	JD			11.204	
054340-86-2	Benzene, 4-(2-butenyl)-1,2-dimethy	5500	JD			11.269	
	unknown-03	4400	JD			11.445	
	(DEL) Alkane: Straight-Chain11.610	5500	JD			11.61	
	unknown-04	2900	JD			11.645	
	(DEL) Alkane: Straight-Chain12.892	6000	JD			12.892	
000077-68-9	Propanoic acid, 2-methyl-, 3-hydro	3000	JD			13.333	
000575-43-9	Naphthalene, 1,6-dimethyl-	2600	JD			13.422	
	(DEL) Alkane: Straight-Chain13.569	3300	JD			13.569	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	13000	JD			13.986	
032962-25-7	1H-Indole, 4-(3-methyl-2-butenyl)-	7500	JD			14.21	
001011-12-7	Cyclohexanone, 2-cyclohexylidene-	3000	JD			14.451	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	8400	JD			14.833	
	(DEL) Alkane: Straight-Chain14.951	6000	JD			14.951	
	unknown-05	4100	JD			15.716	
	(DEL) Alkane: Straight-Chain15.816	4600	JD			15.816	
	(DEL) Alkane: Straight-Chain16.616	3300	JD			16.616	
	(DEL) Alkane: Straight-Chain17.351	3200	JD			17.351	
E966796	Total Alkanes	81000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK175	SDG No.:	BM080524
Lab Sample ID:	PB162175BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047011.D	1	7/19/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162175

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

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK175	SDG No.:	BM080524
Lab Sample ID:	PB162175BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047011.D	1	7/19/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162175

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK175	SDG No.:	BM080524
Lab Sample ID:	PB162175BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047011.D	1	7/19/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162175

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.494		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	26.604		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.039		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.737		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.203		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	28.003		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	27.749		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.215		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.957		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.855		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.858		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.464		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.719		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	25.635		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK175	SDG No.:	BM080524
Lab Sample ID:	PB162175BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047011.D	1	7/19/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162175

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.28		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	26.996		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	28.573		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.496		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	268922	7.392				
1146-65-2	Naphthalene-d8	1060199	10.151				
15067-26-2	Acenaphthene-d10	684502	14.051				
1517-22-2	Phenanthrene-d10	1404737	16.809				
1719-03-5	Chrysene-d12	1210877	21.044				
1520-96-3	Perylene-d12	1388415	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK381	SDG No.:	BM080524
Lab Sample ID:	PB162381BL	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
BM047012.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK381	SDG No.:	BM080524
Lab Sample ID:	PB162381BL	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
BM047012.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK381	SDG No.:	BM080524
Lab Sample ID:	PB162381BL	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
BM047012.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

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	4.882		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	24.635		20-120		62	SPK: -40
4165-62-2	Phenol-d5	25.315		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.843		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.645		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.496		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.36		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.863		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.358		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.078		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.287		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.906		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.931		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	24.15		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK381	SDG No.:	BM080524
Lab Sample ID:	PB162381BL	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
BM047012.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.785		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	25.814		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.143		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.582		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229633	7.392				
1146-65-2	Naphthalene-d8	857488	10.151				
15067-26-2	Acenaphthene-d10	533948	14.051				
1517-22-2	Phenanthrene-d10	1109573	16.809				
1719-03-5	Chrysene-d12	1014805	21.044				
1520-96-3	Perylene-d12	1211064	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX4	SDG No.:	BM080524
Lab Sample ID:	P3171-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047013.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.7	88	ug/Kg
100-52-7	Benzaldehyde	99	U	99	110	440	ug/Kg
110-86-1	Pyridine	57	U	57	220	440	ug/Kg
108-95-2	Phenol	46	U	46	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56	220	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	50	U	50	110	440	ug/Kg
106-44-5	4-Methylphenol	42	U	42	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	56	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	56	220	ug/Kg
98-95-3	Nitrobenzene	47	U	47	56	220	ug/Kg
78-59-1	Isophorone	45	U	45	56	220	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	56	220	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	56	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	56	220	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	56	220	ug/Kg
91-20-3	Naphthalene	63	J	45	56	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	56	440	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	56	220	ug/Kg
105-60-2	Caprolactam	160	U	160	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	56	220	ug/Kg
90-12-0	1-Methylnaphthalene	81	J	54	56	220	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	49	56	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	56	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	56	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX4	SDG No.:	BM080524
Lab Sample ID:	P3171-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047013.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	56	220	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	56	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	56	220	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	56	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	56	220	ug/Kg
208-96-8	Acenaphthylene	57	U	57	56	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	440	ug/Kg
83-32-9	Acenaphthene	54	U	54	56	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	440	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	110	440	ug/Kg
132-64-9	Dibenzofuran	61	U	61	56	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	36	U	36	56	220	ug/Kg
84-66-2	Diethylphthalate	79	U	79	56	220	ug/Kg
86-73-7	Fluorene	59	U	59	56	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	56	220	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	56	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	56	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	56	220	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	56	220	ug/Kg
1912-24-9	Atrazine	51	U	51	110	440	ug/Kg
87-86-5	Pentachlorophenol	16000	E	110	110	440	ug/Kg
85-01-8	Phenanthrene	58	U	58	56	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	56	220	ug/Kg
120-12-7	Anthracene	57	U	57	56	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	44	U	44	56	220	ug/Kg
86-74-8	Carbazole	59	U	59	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	56	220	ug/Kg
206-44-0	Fluoranthene	58	U	58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX4	SDG No.:	BM080524
Lab Sample ID:	P3171-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047013.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	56	220	ug/Kg
85-68-7	Butylbenzylphthalate	42	U	42	56	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	56	220	ug/Kg
218-01-9	Chrysene	59	U	59	56	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58	U	58	56	220	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	56	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	56	220	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	56	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	56	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	56	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	56	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		49	56	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.867		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	21.667		20-120		54	SPK: -40
4165-62-2	Phenol-d5	23.104		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.349		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.526		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	23.968		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	22.654		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.041		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.535		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.649		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.221		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.753		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.852		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	25.134		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX4	SDG No.:	BM080524
Lab Sample ID:	P3171-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047013.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.65		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	25.379		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.586		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.783		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172967	7.393				
1146-65-2	Naphthalene-d8	683613	10.151				
15067-26-2	Acenaphthene-d10	478831	14.051				
1517-22-2	Phenanthrene-d10	1071597	16.816				
1719-03-5	Chrysene-d12	1011803	21.045				
1520-96-3	Perylene-d12	1139374	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.463	380	J			5.463	
	unknown-01	120	J			5.916	
	(DEL) Alkane: Straight-Chain5.987	120	J			5.987	
	(DEL) Alkane: Cyclic6.057	160	J			6.057	
	(DEL) Alkane: Straight-Chain6.416	170	J			6.416	
	(DEL) Alkane: Straight-Chain6.469	200	J			6.469	
000611-14-3	Benzene, 1-ethyl-2-methyl-	160	J			6.505	
019549-80-5	2-Heptanone, 4,6-dimethyl-	150	J			6.846	
	(DEL) Alkane: Straight-Chain7.040	1300	J			7.04	
000104-76-7	1-Hexanol, 2-ethyl-	720	J			7.475	
	(DEL) Alkane: Cyclic7.669	220	J			7.669	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	160	J			7.828	
001074-43-7	Benzene, 1-methyl-3-propyl-	290	J			7.934	
	(DEL) Alkane: Straight-Chain7.987	150	J			7.987	
000105-05-5	Benzene, 1,4-diethyl-	180	J			8.028	
	(DEL) Alkane: Straight-Chain8.057	150	J			8.057	
000099-87-6	p-Cymene	130	J			8.393	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX4	SDG No.:	BM080524
Lab Sample ID:	P3171-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047013.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	240	J			8.487	
1000382-90-9	Carbonic acid, prop-1-en-2-yl tetr	1100	J			8.622	
005161-04-6	Benzene, 1-methyl-4-(2-methylpropy	230	J			8.734	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	110	J			9.463	
	unknown-02	240	J			10.551	
000770-35-4	1-Phenoxypropan-2-ol	120	J			10.91	
	(DEL) Alkane: Straight-Chain11.204	150	J			11.204	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	97	J			11.263	
	(DEL) Alkane: Straight-Chain11.610	270	J			11.61	
	(DEL) Alkane: Straight-Chain12.598	110	J			12.598	
	(DEL) Alkane: Straight-Chain12.892	360	J			12.892	
000581-40-8	Naphthalene, 2,3-dimethyl-	110	J			13.369	
000575-43-9	Naphthalene, 1,6-dimethyl-	130	J			13.422	
066563-30-2	Bacchotricuneatin c	140	J			13.563	
	(DEL) Alkane: Straight-Chain13.986	370	J			13.986	
	unknown-03	130	J			14.163	
004948-51-0	9-Methyl-S-octahydroanthracene	140	J			14.21	
	(DEL) Alkane: Straight-Chain14.610	130	J			14.61	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	140	J			14.833	
	(DEL) Alkane: Straight-Chain14.951	350	J			14.951	
	(DEL) Alkane: Straight-Chain15.357	200	J			15.357	
	(DEL) Alkane: Straight-Chain15.816	340	J			15.816	
	(DEL) Alkane: Straight-Chain16.610	250	J			16.61	
	(DEL) Alkane: Straight-Chain16.663	150	J			16.663	
	(DEL) Alkane: Straight-Chain17.351	220	J			17.351	
000057-10-3	n-Hexadecanoic acid	110	J			17.751	
	(DEL) Alkane: Straight-Chain18.045	160	J			18.045	
	(DEL) Alkane: Straight-Chain18.692	220	J			18.692	
1000383-14-0	Carbonic acid, 2-ethylhexyl tridec	370	J			20.792	
000112-79-8	9-Octadecenoic acid, (E)-	130	J			21.68	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX4	SDG No.:	BM080524
Lab Sample ID:	P3171-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047013.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1010383-14-1	Carbonic acid, 2-ethylhexyl tetrad	96	J			21.792	
E966796	Total Alkanes	6100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R1	SDG No.:	BM080524
Lab Sample ID:	P3382-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047014.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.4	85	ug/Kg
100-52-7	Benzaldehyde	96	U	96	110	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
108-95-2	Phenol	45	U	45	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.3	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	420	ug/Kg
98-86-2	Acetophenone	170	J	49	110	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	54.3	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	54.3	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.3	220	ug/Kg
78-59-1	Isophorone	43	U	43	54.3	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	54.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.3	220	ug/Kg
91-20-3	Naphthalene	43	U	43	54.3	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.3	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	54.3	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	54.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.3	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R1	SDG No.:	BM080524
Lab Sample ID:	P3382-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
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
BM047014.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	54.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	54.3	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.3	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.3	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.3	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	54.3	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	110	420	ug/Kg
132-64-9	Dibenzofuran	59	U	59	54.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	54.3	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.3	220	ug/Kg
86-73-7	Fluorene	58	U	58	54.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.3	220	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	54.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	54.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	54.3	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.3	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	180	J	56	54.3	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	54.3	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.3	220	ug/Kg
86-74-8	Carbazole	58	U	58	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.3	220	ug/Kg
206-44-0	Fluoranthene	340		56	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R1	SDG No.:	BM080524
Lab Sample ID:	P3382-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
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
BM047014.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	56	54.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	84	J	50	54.3	220	ug/Kg
218-01-9	Chrysene	84	J	58	54.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79	J	56	54.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	78	J	54	54.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	54.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	54.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	54.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	54.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.52		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.326		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.871		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.301		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	6.651		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	9.529		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.598		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.454		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.219		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.508		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.407		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.36	*	10-150		1	SPK: -40
81103-79-9	Fluorene-d10	11.15		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R1	SDG No.:	BM080524
Lab Sample ID:	P3382-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
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
BM047014.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.237	*	10-130		1	SPK: -40
1719-06-8	Anthracene-d10	11.308		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	9.198		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.153		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	267524	7.393				
1146-65-2	Naphthalene-d8	1000833	10.151				
15067-26-2	Acenaphthene-d10	616060	14.051				
1517-22-2	Phenanthrene-d10	1306814	16.81				
1719-03-5	Chrysene-d12	1094018	21.056				
1520-96-3	Perylene-d12	1192144	23.791				
TENTATIVE IDENTIFIED COMPOUNDS							
000100-51-6	Benzyl alcohol	490	J			7.64	
000770-35-4	1-Phenoxypropan-2-ol	98	J			10.91	
	unknown-01	140	J			15.833	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	220	J			15.921	
	unknown-02	220	J			15.98	
024518-48-7	4-(7-Methyloctyl)phenol	200	J			16.045	
003910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trime	120	J			16.127	
	unknown-03	240	J			16.239	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	220	J			16.31	
031061-61-7	Tricyclo[4.3.1.1(3,8)]undecane-3-c	140	J			16.38	
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R8	SDG No.:	BM080524
Lab Sample ID:	P3382-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BM047015.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	75	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92.9	370	ug/Kg
110-86-1	Pyridine	48	U	48	190	370	ug/Kg
108-95-2	Phenol	39	U	39	92.9	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92.9	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	47.9	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	92.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92.9	370	ug/Kg
98-86-2	Acetophenone	100	J	43	92.9	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92.9	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	47.9	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.9	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	47.9	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.9	190	ug/Kg
91-20-3	Naphthalene	38	U	38	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.9	190	ug/Kg
105-60-2	Caprolactam	140	U	140	92.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	89	U	89	92.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R8	SDG No.:	BM080524
Lab Sample ID:	P3382-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BM047015.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	110	J	47	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	47.9	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	92.9	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	92.9	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92.9	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.9	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	47.9	190	ug/Kg
86-73-7	Fluorene	51	U	51	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92.9	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92.9	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.9	190	ug/Kg
1912-24-9	Atrazine	44	U	44	92.9	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92.9	370	ug/Kg
85-01-8	Phenanthrene	50	U	50	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.9	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.9	190	ug/Kg
86-74-8	Carbazole	51	U	51	92.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.9	190	ug/Kg
206-44-0	Fluoranthene	72	J	50	92.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R8	SDG No.:	BM080524
Lab Sample ID:	P3382-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BM047015.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.9	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	J	47	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.419		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	1.066	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	10.916		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.444		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.578		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	10.232		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	10.025		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.505		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.74		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.231		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.497		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.796		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.456		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	11.035		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R8	SDG No.:	BM080524
Lab Sample ID:	P3382-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BM047015.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.644		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	10.621		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	10.051		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.046		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	293805	7.392				
1146-65-2	Naphthalene-d8	1181445	10.151				
15067-26-2	Acenaphthene-d10	803638	14.051				
1517-22-2	Phenanthrene-d10	1696252	16.809				
1719-03-5	Chrysene-d12	1466255	21.044				
1520-96-3	Perylene-d12	1641308	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	83	J			10.91	
000057-10-3	n-Hexadecanoic acid	95	J			17.751	
1000282-98-2	Dichloroacetic acid, heptadecyl es	88	J			20.78	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R9	SDG No.:	BM080524
Lab Sample ID:	P3382-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047016.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	86	U	86	94.3	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	94.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	94.3	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.6	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	94.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	94.3	380	ug/Kg
98-86-2	Acetophenone	43	U	43	94.3	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	94.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.6	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.6	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.6	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	48.6	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.6	190	ug/Kg
105-60-2	Caprolactam	140	U	140	94.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	94.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R9	SDG No.:	BM080524
Lab Sample ID:	P3382-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047016.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.6	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	94.3	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	94.3	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	94.3	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.6	190	ug/Kg
84-66-2	Diethylphthalate	69	U	69	48.6	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	94.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	94.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.6	190	ug/Kg
1912-24-9	Atrazine	45	U	45	94.3	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	94.3	380	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.6	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.6	190	ug/Kg
86-74-8	Carbazole	51	U	51	94.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.6	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	94.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R9	SDG No.:	BM080524
Lab Sample ID:	P3382-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BM047016.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	94.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	48.6	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	94.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.631		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	13.834		20-120		35	SPK: -40
4165-62-2	Phenol-d5	18.429		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.915		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.613		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	19.142		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	18.77		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.576		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.605		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.22		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.591		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.916		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.833		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	19.648		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E20R9	SDG No.:	BM080524
Lab Sample ID:	P3382-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047016.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.907		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	19.991		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.004		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.476		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	305752	7.393				
1146-65-2	Naphthalene-d8	1155492	10.151				
15067-26-2	Acenaphthene-d10	751202	14.051				
1517-22-2	Phenanthrene-d10	1587864	16.81				
1719-03-5	Chrysene-d12	1415726	21.045				
1520-96-3	Perylene-d12	1567635	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.751	
1000406-04-5	Pentadecafluorooctanoic acid, pent	140	J			20.786	
E966796	Total Alkanes	55	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCVT0								
P3171-01	DCVT0	Solid	(DEL) Alkane: Cyclic18.627	*	82.000	J		
P3171-01	DCVT0	Solid	(DEL) Alkane: Straight-Chain23.(	*	120.000	J		
P3171-01	DCVT0	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3171-01	DCVT0	Solid	10-Hydroxydecanoic acid, methyl	*	74.000	J		
P3171-01	DCVT0	Solid	7-Octadecenoic acid, methyl ester	*	160.000	J		
P3171-01	DCVT0	Solid	9,10-Anthracenedione	*	650.000	J		
P3171-01	DCVT0	Solid	Anthracene, 9-methoxy-	*	76.000	J		
P3171-01	DCVT0	Solid	Benzene, 1,3-dichloro-	*	5,500.000	J		
P3171-01	DCVT0	Solid	Dodecanoic acid, methyl ester	*	76.000	J		
P3171-01	DCVT0	Solid	Hexadecanoic acid, methyl ester	*	150.000	J		
P3171-01	DCVT0	Solid	n-Hexadecanoic acid	*	510.000	J		
P3171-01	DCVT0	Solid	unknown-01	*	100.000	J		
P3171-01	DCVT0	Solid	Total Alkanes	*	200.000		48	170 ug/Kg
Total Tics :					7,808.00			
P3171-01	DCVT0	Solid	2,4,5-Trichlorophenol		5,200.000	E	42	170 ug/Kg
P3171-01	DCVT0	Solid	2,4,6-Trichlorophenol		5,000.000	E	43	170 ug/Kg
P3171-01	DCVT0	Solid	2,4-Dichlorophenol		4,600.000	E	39	170 ug/Kg
P3171-01	DCVT0	Solid	2,6-Dinitrotoluene		5,000.000	E	21	170 ug/Kg
P3171-01	DCVT0	Solid	2-Chlorophenol		1,200.000		28	170 ug/Kg
P3171-01	DCVT0	Solid	2-Nitrophenol		3,600.000	E	32	170 ug/Kg
P3171-01	DCVT0	Solid	4-Chloro-3-methylphenol		5,700.000	E	28	170 ug/Kg
P3171-01	DCVT0	Solid	4-Chlorophenyl-phenylether		6,900.000	E	47	170 ug/Kg
P3171-01	DCVT0	Solid	4-Nitrophenol		6,800.000	E	41	330 ug/Kg
P3171-01	DCVT0	Solid	Acenaphthene		4,500.000	E	41	170 ug/Kg
P3171-01	DCVT0	Solid	Acenaphthylene		6,100.000	E	43	170 ug/Kg
P3171-01	DCVT0	Solid	Anthracene		6,500.000	E	43	170 ug/Kg
P3171-01	DCVT0	Solid	Benzo(a)anthracene		3,900.000	E	39	170 ug/Kg
P3171-01	DCVT0	Solid	Benzo(a)pyrene		1,700.000		42	170 ug/Kg
P3171-01	DCVT0	Solid	Benzo(g,h,i)perylene		5,500.000	E	35	170 ug/Kg
P3171-01	DCVT0	Solid	Benzo(k)fluoranthene		3,500.000	E	45	170 ug/Kg
P3171-01	DCVT0	Solid	Bis(2-Chloroethoxy)methane		5,600.000	E	38	170 ug/Kg
P3171-01	DCVT0	Solid	Bis(2-Chloroethyl)ether		6,000.000	E	34	330 ug/Kg
P3171-01	DCVT0	Solid	Bis(2-ethylhexyl)phthalate		7,400.000	E	44	170 ug/Kg
P3171-01	DCVT0	Solid	Butylbenzylphthalate		8,800.000	E	32	170 ug/Kg
P3171-01	DCVT0	Solid	Chrysene		7,800.000	E	45	170 ug/Kg
P3171-01	DCVT0	Solid	Di-n-butylphthalate		3,000.000	E	42	170 ug/Kg
P3171-01	DCVT0	Solid	Dibenzo(a,h)anthracene		1,300.000		37	170 ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-01	DCVT0	Solid	Dibenzofuran	3,500.000	E	46	170	ug/Kg
P3171-01	DCVT0	Solid	Diethylphthalate	6,300.000	E	60	170	ug/Kg
P3171-01	DCVT0	Solid	Fluoranthene	6,000.000	E	44	170	ug/Kg
P3171-01	DCVT0	Solid	Fluorene	3,400.000	E	45	170	ug/Kg
P3171-01	DCVT0	Solid	Indeno(1,2,3-cd)pyrene	4,700.000	E	37	170	ug/Kg
P3171-01	DCVT0	Solid	N-Nitroso-di-n-propylamine	3,700.000	E	29	170	ug/Kg
P3171-01	DCVT0	Solid	Naphthalene	6,100.000	E	34	170	ug/Kg
P3171-01	DCVT0	Solid	Nitrobenzene	1,400.000		36	170	ug/Kg
P3171-01	DCVT0	Solid	Pentachlorophenol	6,300.000	E	87	330	ug/Kg
P3171-01	DCVT0	Solid	Phenol	2,900.000		35	330	ug/Kg
P3171-01	DCVT0	Solid	Pyrene	7,100.000	E	44	170	ug/Kg
Total Svoc :				167,000.00				
Total Concentration:				174,808.00				
Client ID :	DCVT0DL							
P3171-01DL	DCVT0DL	Solid	9,10-Anthracenedione	*	520.000	JD		
P3171-01DL	DCVT0DL	Solid	Benzene, 1,4-dichloro-	*	4,900.000	JD		
P3171-01DL	DCVT0DL	Solid	Total Alkanes	*	0.000	D 240	850	ug/Kg
Total Tics :				5,420.00				
P3171-01DL	DCVT0DL	Solid	2,4,5-Trichlorophenol		5,600.000	D 210	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	2,4,6-Trichlorophenol		5,400.000	D 220	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	2,4-Dichlorophenol		5,100.000	D 200	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	2,6-Dinitrotoluene		5,000.000	D 110	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	2-Chlorophenol		1,200.000	D 140	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	2-Nitrophenol		3,500.000	D 160	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	4-Chloro-3-methylphenol		5,800.000	D 140	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	4-Chlorophenyl-phenylether		6,500.000	D 240	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	4-Nitrophenol		6,000.000	D 210	1700	ug/Kg
P3171-01DL	DCVT0DL	Solid	Acenaphthene		4,800.000	D 210	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Acenaphthylene		6,600.000	D 220	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Anthracene		6,800.000	D 220	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Benzo(a)anthracene		3,900.000	D 200	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Benzo(a)pyrene		1,800.000	D 210	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Benzo(g,h,i)perylene		5,600.000	D 180	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Benzo(k)fluoranthene		3,600.000	D 230	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Bis(2-Chloroethoxy)methane		6,000.000	D 190	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Bis(2-Chloroethyl)ether		6,800.000	D 170	1700	ug/Kg
P3171-01DL	DCVT0DL	Solid	Bis(2-ethylhexyl)phthalate		7,700.000	D 220	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Butylbenzylphthalate		9,200.000	D 160	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Chrysene		7,800.000	D 230	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Di-n-butylphthalate		3,000.000	D 210	850	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-01DL	DCVT0DL	Solid	Dibenzo(a,h)anthracene	1,400.000	D	190	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Dibenzofuran	3,800.000	D	230	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Diethylphthalate	6,300.000	D	300	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Fluoranthene	6,100.000	D	220	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Fluorene	3,400.000	D	230	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Indeno(1,2,3-cd)pyrene	4,700.000	D	190	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	N-Nitroso-di-n-propylamine	3,900.000	D	150	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Naphthalene	6,600.000	D	170	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Nitrobenzene	1,300.000	D	180	850	ug/Kg
P3171-01DL	DCVT0DL	Solid	Pentachlorophenol	6,100.000	D	440	1700	ug/Kg
P3171-01DL	DCVT0DL	Solid	Phenol	3,300.000	D	180	1700	ug/Kg
P3171-01DL	DCVT0DL	Solid	Pyrene	7,300.000	D	220	850	ug/Kg
Total Svoc :				171,900.00				
Total Concentration:				177,320.00				

Client ID : DCVW7

P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain11.2 *	110.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain11.6 *	190.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain12.4 *	86.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain12.8 *	210.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain13.4 *	94.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain13.9 *	200.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain14.9 *	170.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain15.8 *	160.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain16.6 *	120.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain16.6 *	100.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain17.3 *	110.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain18.6 *	83.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain18.6 *	100.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain5.4 *	170.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain6.4 *	94.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain7.0 *	660.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain7.9 *	160.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain7.9 *	79.000	J
P3171-03	DCVW7	Solid	(DEL) Alkane: Straight-Chain8.6 *	600.000	J
P3171-03	DCVW7	Solid	1-Hexanol, 2-ethyl- *	210.000	J
P3171-03	DCVW7	Solid	2-Bromo dodecane *	130.000	J
P3171-03	DCVW7	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	93.000	J
P3171-03	DCVW7	Solid	Carbonic acid, 2-ethylhexyl penta *	330.000	J
P3171-03	DCVW7	Solid	Cyanic acid, ethyl ester *	120.000	J
P3171-03	DCVW7	Solid	Cyclohexane, 1,1-(1,3-propanediyl *	120.000	J

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-03	DCVW7	Solid	Eicosyl octyl ether	*	140.000	J		
P3171-03	DCVW7	Solid	n-Hexadecanoic acid	*	140.000	J		
P3171-03	DCVW7	Solid	Naphthalene, 1,6-dimethyl-	*	83.000	J		
P3171-03	DCVW7	Solid	Naphthalene, 2,7-dimethyl-	*	110.000	J		
P3171-03	DCVW7	Solid	unknown-01	*	120.000	J		
P3171-03	DCVW7	Solid	unknown-02	*	79.000	J		
P3171-03	DCVW7	Solid	Total Alkanes	*	3,500.000	57	200	ug/Kg
Total Tics :					8,671.00			
P3171-03	DCVW7	Solid	1-Methylnaphthalene		55.000	J 48	200	ug/Kg
P3171-03	DCVW7	Solid	2,3,4,6-Tetrachlorophenol		390.000	44	200	ug/Kg
P3171-03	DCVW7	Solid	2-Methylnaphthalene		86.000	J 44	200	ug/Kg
P3171-03	DCVW7	Solid	Pentachlorophenol		4,600.000	100	390	ug/Kg
Total Svoc :					5,131.00			
Total Concentration:					13,802.00			
Client ID : DCVW8								
P3171-04	DCVW8	Solid	(DEL) Alkane: Straight-Chain7.04	*	190.000	J		
P3171-04	DCVW8	Solid	(R)-(-)-2-Methyl-2,4-pentanediol	*	110.000	J		
P3171-04	DCVW8	Solid	1-Hexanol, 2-ethyl-	*	140.000	J		
P3171-04	DCVW8	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3171-04	DCVW8	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P3171-04	DCVW8	Solid	n-Hexadecanoic acid	*	140.000	J		
P3171-04	DCVW8	Solid	n-Tetracosanol-1	*	200.000	J		
P3171-04	DCVW8	Solid	Propylene Glycol	*	170.000	J		
P3171-04	DCVW8	Solid	Total Alkanes	*	190.000	66	240	ug/Kg
Total Tics :					1,410.00			
P3171-04	DCVW8	Solid	2,3,4,6-Tetrachlorophenol		190.000	J 51	240	ug/Kg
P3171-04	DCVW8	Solid	Pentachlorophenol		1,400.000	120	460	ug/Kg
Total Svoc :					1,590.00			
Total Concentration:					3,000.00			
Client ID : DCVW9								
P3171-05	DCVW9	Solid	(DEL) Alkane: Cyclic9.334	*	150.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain11.6	*	520.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain13.5	*	2,100.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain14.6	*	940.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain14.9	*	3,400.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain15.2	*	1,200.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain15.8	*	1,400.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain16.6	*	960.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain16.6	*	850.000	J		
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain17.2	*	1,000.000	J		

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain18.6	* 710.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain18.6	* 630.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain19.8	* 590.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain20.7	* 830.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain21.7	* 490.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain5.46	* 1,400.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain5.95	* 430.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain6.42	* 540.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain6.48	* 700.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain7.02	* 4,100.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain7.95	* 490.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain8.06	* 770.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain8.62	* 3,300.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain9.47	* 210.000	J			
P3171-05	DCVW9	Solid	(DEL) Alkane: Straight-Chain9.62	* 130.000	J			
P3171-05	DCVW9	Solid	1,1-Hexylenedioxybutane	* 2,000.000	J			
P3171-05	DCVW9	Solid	1-Hexanol, 2-ethyl-	* 2,000.000	J			
P3171-05	DCVW9	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	* 530.000	J			
P3171-05	DCVW9	Solid	2-Heptanone, 4,6-dimethyl-	* 450.000	J			
P3171-05	DCVW9	Solid	4-(1-Pyrrolyl)acetophenone	* 4,400.000	J			
P3171-05	DCVW9	Solid	Benzene, 1,4-diethyl-	* 590.000	J			
P3171-05	DCVW9	Solid	Benzene, 1-(2-butenyl)-2,3-dimethyl-	* 540.000	J			
P3171-05	DCVW9	Solid	Benzene, 1-ethyl-2-methyl-	* 630.000	J			
P3171-05	DCVW9	Solid	Benzene, 1-methyl-4-propyl-	* 1,000.000	J			
P3171-05	DCVW9	Solid	Butanoic acid, butyl ester	* 1,200.000	J			
P3171-05	DCVW9	Solid	Butanoic acid, hexyl ester	* 1,100.000	J			
P3171-05	DCVW9	Solid	Cyclohexanone, 2,3-dimethyl-	* 490.000	J			
P3171-05	DCVW9	Solid	Cyclohexanone, 2-cyclohexyliden	* 1,500.000	J			
P3171-05	DCVW9	Solid	Cyclohexanone, 3,3,5-trimethyl-	* 510.000	J			
P3171-05	DCVW9	Solid	Hexylene glycol	* 1,500.000	J			
P3171-05	DCVW9	Solid	Naphthalene, 1,3-dimethyl-	* 1,400.000	J			
P3171-05	DCVW9	Solid	Naphthalene, 1,4,6-trimethyl-	* 820.000	J			
P3171-05	DCVW9	Solid	Naphthalene, 1,7-dimethyl-	* 900.000	J			
P3171-05	DCVW9	Solid	Naphthalene, 2,3,6-trimethyl-	* 5,000.000	J			
P3171-05	DCVW9	Solid	Naphthalene, 2,3-dimethyl-	* 920.000	J			
P3171-05	DCVW9	Solid	Naphthalene, 2,7-dimethyl-	* 2,000.000	J			
P3171-05	DCVW9	Solid	o-Cymene	* 480.000	J			
P3171-05	DCVW9	Solid	Phorone	* 290.000	J			
P3171-05	DCVW9	Solid	Propanoic acid, 2-methyl-, 2-ethyl	* 2,300.000	J			
P3171-05	DCVW9	Solid	Sulfurous acid, 2-ethylhexyl nonyl	* 6,300.000	J			

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-05	DCVW9	Solid	unknown-01	*	1,100.000	J		
P3171-05	DCVW9	Solid	unknown-02	*	1,100.000	J		
P3171-05	DCVW9	Solid	unknown-03	*	1,300.000	J		
P3171-05	DCVW9	Solid	unknown-04	*	1,600.000	J		
P3171-05	DCVW9	Solid	unknown-05	*	730.000	J		
P3171-05	DCVW9	Solid	Total Alkanes	*	28,000.000	60	210	ug/Kg
Total Tics :				100,520.00				
P3171-05	DCVW9	Solid	1,1-Biphenyl		220.000	60	210	ug/Kg
P3171-05	DCVW9	Solid	1-Methylnaphthalene		1,200.000	51	210	ug/Kg
P3171-05	DCVW9	Solid	2,3,4,6-Tetrachlorophenol		17,000.000	E 46	210	ug/Kg
P3171-05	DCVW9	Solid	2,4,5-Trichlorophenol		84.000	J 53	210	ug/Kg
P3171-05	DCVW9	Solid	2,4,6-Trichlorophenol		140.000	J 54	210	ug/Kg
P3171-05	DCVW9	Solid	2,4-Dichlorophenol		150.000	J 49	210	ug/Kg
P3171-05	DCVW9	Solid	2-Methylnaphthalene		2,100.000	46	210	ug/Kg
P3171-05	DCVW9	Solid	4,6-Dinitro-2-methylphenol		440.000	20	410	ug/Kg
P3171-05	DCVW9	Solid	Bis(2-ethylhexyl)phthalate		65.000	J 55	210	ug/Kg
P3171-05	DCVW9	Solid	Fluorene		110.000	J 56	210	ug/Kg
P3171-05	DCVW9	Solid	Isophorone		610.000	43	210	ug/Kg
P3171-05	DCVW9	Solid	Naphthalene		1,000.000	43	210	ug/Kg
P3171-05	DCVW9	Solid	Pentachlorophenol		190,000.000	E 110	410	ug/Kg
P3171-05	DCVW9	Solid	Phenanthrene		290.000	55	210	ug/Kg
Total Svoc :				213,409.00				
Total Concentration:				313,929.00				

Client ID : DCVW9DL

P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Cyclic6.063	*	2,800.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain11.2	*	3,100.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain11.6	*	5,500.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain12.8	*	6,000.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain13.4	*	3,300.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain14.9	*	6,000.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain15.8	*	4,600.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain16.6	*	3,300.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain17.2	*	3,200.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain5.46	*	7,800.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain6.41	*	3,100.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain6.46	*	3,900.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain7.95	*	2,600.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain8.06	*	4,700.000	JD		
P3171-05DL	DCVW9DL	Solid	(DEL) Alkane: Straight-Chain8.62	*	21,000.000	JD		
P3171-05DL	DCVW9DL	Solid	1-Hexanol, 2-ethyl-	*	7,300.000	JD		

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SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-05DL	DCVW9DL	Solid	1H-Indole, 4-(3-methyl-2-butenyl) *	7,500.000	JD			
P3171-05DL	DCVW9DL	Solid	2-Heptanone, 4,6-dimethyl- *	3,000.000	JD			
P3171-05DL	DCVW9DL	Solid	Benzene, 1,4-diethyl- *	4,400.000	JD			
P3171-05DL	DCVW9DL	Solid	Benzene, 1-ethyl-2,4-dimethyl- *	4,900.000	JD			
P3171-05DL	DCVW9DL	Solid	Benzene, 1-ethyl-2-methyl- *	3,800.000	JD			
P3171-05DL	DCVW9DL	Solid	Benzene, 1-methyl-4-propyl- *	3,000.000	JD			
P3171-05DL	DCVW9DL	Solid	Benzene, 4-(2-butenyl)-1,2-dimethyl- *	5,500.000	JD			
P3171-05DL	DCVW9DL	Solid	Carbonic acid, prop-1-en-2-yl tetr *	26,000.000	JD			
P3171-05DL	DCVW9DL	Solid	Cyclohexanone, 2-cyclohexyliden *	3,000.000	JD			
P3171-05DL	DCVW9DL	Solid	Cyclohexanone, 3,3,5-trimethyl- *	2,700.000	JD			
P3171-05DL	DCVW9DL	Solid	Hexanoic acid, 2-ethyl- *	10,000.000	JD			
P3171-05DL	DCVW9DL	Solid	Hexylene glycol *	5,500.000	JD			
P3171-05DL	DCVW9DL	Solid	Naphthalene, 1,6-dimethyl- *	2,600.000	JD			
P3171-05DL	DCVW9DL	Solid	Naphthalene, 2,3,6-trimethyl- *	8,400.000	JD			
P3171-05DL	DCVW9DL	Solid	Oxalic acid, cyclohexyl octyl este *	12,000.000	JD			
P3171-05DL	DCVW9DL	Solid	p-Cymene *	2,600.000	JD			
P3171-05DL	DCVW9DL	Solid	Propanoic acid, 2-methyl-, 3-hydr *	3,000.000	JD			
P3171-05DL	DCVW9DL	Solid	Sulfurous acid, 2-ethylhexyl nony *	13,000.000	JD			
P3171-05DL	DCVW9DL	Solid	unknown-01 *	5,600.000	JD			
P3171-05DL	DCVW9DL	Solid	unknown-02 *	5,500.000	JD			
P3171-05DL	DCVW9DL	Solid	unknown-03 *	4,400.000	JD			
P3171-05DL	DCVW9DL	Solid	unknown-04 *	2,900.000	JD			
P3171-05DL	DCVW9DL	Solid	unknown-05 *	4,100.000	JD			
P3171-05DL	DCVW9DL	Solid	Total Alkanes *	81,000.000	D	1800	6400	ug/Kg
Total Tics :				312,600.00				
P3171-05DL	DCVW9DL	Solid	2,3,4,6-Tetrachlorophenol	15,000.000	D	1400	6400	ug/Kg
P3171-05DL	DCVW9DL	Solid	2-Methylnaphthalene	2,000.000	JD	1400	6400	ug/Kg
P3171-05DL	DCVW9DL	Solid	Pentachlorophenol	230,000.000	ED	3300	12000	ug/Kg
Total Svoc :				247,000.00				
Total Concentration:				559,600.00				

Client ID : DCVX2

P3171-10	DCVX2	Solid	1-Heneicosanol *	230.000	J			
P3171-10	DCVX2	Solid	1-Hexanol, 2-ethyl- *	99.000	J			
P3171-10	DCVX2	Solid	1-Phenoxypropan-2-ol *	220.000	J			
P3171-10	DCVX2	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	130.000	J			
P3171-10	DCVX2	Solid	Hexylene glycol *	120.000	J			
P3171-10	DCVX2	Solid	n-Hexadecanoic acid *	180.000	J			
P3171-10	DCVX2	Solid	Pentanedioic acid, dimethyl ester *	93.000	J			
P3171-10	DCVX2	Solid	Propylene Glycol *	220.000	J			
P3171-10	DCVX2	Solid	Total Alkanes *	0.000		62	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,292.00				
P3171-10	DCVX2	Solid	2,3,4,6-Tetrachlorophenol	410.000		48	220	ug/Kg
P3171-10	DCVX2	Solid	Pentachlorophenol	5,400.000		110	420	ug/Kg
Total Svoc :				5,810.00				
Total Concentration:				7,102.00				

Client ID : DCVX4

P3171-11	DCVX4	Solid	(DEL) Alkane: Cyclic6.057	*	160.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Cyclic7.669	*	220.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain11.2	*	150.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain11.6	*	270.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain12.5	*	110.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain12.8	*	360.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain13.5	*	370.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain14.6	*	130.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain14.9	*	350.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain15.3	*	200.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain15.8	*	340.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain16.6	*	250.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain16.6	*	150.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain17.3	*	220.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain18.6	*	160.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain18.6	*	220.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain5.46	*	380.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain5.98	*	120.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain6.41	*	170.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain6.46	*	200.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain7.04	*	1,300.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain7.98	*	150.000	J		
P3171-11	DCVX4	Solid	(DEL) Alkane: Straight-Chain8.05	*	150.000	J		
P3171-11	DCVX4	Solid	1-Hexanol, 2-ethyl-	*	720.000	J		
P3171-11	DCVX4	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3171-11	DCVX4	Solid	2-Heptanone, 4,6-dimethyl-	*	150.000	J		
P3171-11	DCVX4	Solid	9-Methyl-S-octahydroanthracene	*	140.000	J		
P3171-11	DCVX4	Solid	9-Octadecenoic acid, (E)-	*	130.000	J		
P3171-11	DCVX4	Solid	Bacchotricuneatin c	*	140.000	J		
P3171-11	DCVX4	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	97.000	J		
P3171-11	DCVX4	Solid	Benzene, 1,4-diethyl-	*	180.000	J		
P3171-11	DCVX4	Solid	Benzene, 1-ethyl-2-methyl-	*	160.000	J		
P3171-11	DCVX4	Solid	Benzene, 1-methyl-3-propyl-	*	290.000	J		
P3171-11	DCVX4	Solid	Benzene, 1-methyl-4-(2-methylpr	*	230.000	J		

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-11	DCVX4	Solid	Benzene, 4-ethyl-1,2-dimethyl-	* 240.000	J			
P3171-11	DCVX4	Solid	Carbonic acid, 2-ethylhexyl tetrad	* 96.000	J			
P3171-11	DCVX4	Solid	Carbonic acid, 2-ethylhexyl tridec	* 370.000	J			
P3171-11	DCVX4	Solid	Carbonic acid, eicosyl vinyl ester	* 110.000	J			
P3171-11	DCVX4	Solid	Carbonic acid, prop-1-en-2-yl tetr	* 1,100.000	J			
P3171-11	DCVX4	Solid	Cyclohexanone, 3,3,5-trimethyl-	* 160.000	J			
P3171-11	DCVX4	Solid	n-Hexadecanoic acid	* 110.000	J			
P3171-11	DCVX4	Solid	Naphthalene, 1,6-dimethyl-	* 130.000	J			
P3171-11	DCVX4	Solid	Naphthalene, 2,3,6-trimethyl-	* 140.000	J			
P3171-11	DCVX4	Solid	Naphthalene, 2,3-dimethyl-	* 110.000	J			
P3171-11	DCVX4	Solid	p-Cymene	* 130.000	J			
P3171-11	DCVX4	Solid	unknown-01	* 120.000	J			
P3171-11	DCVX4	Solid	unknown-02	* 240.000	J			
P3171-11	DCVX4	Solid	unknown-03	* 130.000	J			
P3171-11	DCVX4	Solid	Total Alkanes	* 6,100.000		63	220	ug/Kg
Total Tics :				17,773.00				
P3171-11	DCVX4	Solid	1-Methylnaphthalene	81.000	J	54	220	ug/Kg
P3171-11	DCVX4	Solid	2,3,4,6-Tetrachlorophenol	1,400.000		49	220	ug/Kg
P3171-11	DCVX4	Solid	2-Methylnaphthalene	140.000	J	49	220	ug/Kg
P3171-11	DCVX4	Solid	Naphthalene	63.000	J	45	220	ug/Kg
P3171-11	DCVX4	Solid	Pentachlorophenol	16,000.000	E	110	440	ug/Kg
Total Svoc :				17,684.00				
Total Concentration:				35,457.00				
Client ID : DCVX5								
P3171-12	DCVX5	Solid	(DEL) Alkane: Cyclic6.063	* 230.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Cyclic7.675	* 380.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain11.0	* 99.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain11.2	* 240.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain11.6	* 400.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain12.3	* 190.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain12.4	* 200.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain12.5	* 380.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain13.5	* 1,100.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain14.6	* 320.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain15.3	* 560.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain15.5	* 260.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain15.8	* 1,200.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain15.8	* 490.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain16.1	* 350.000	J			
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain16.6	* 870.000	J			

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SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain16.6	*	510.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain17.2	*	780.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain18.6	*	580.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain18.6	*	710.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain19.8	*	270.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain21.2	*	210.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain5.4	*	510.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain6.4	*	260.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain6.4	*	360.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain7.9	*	290.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain8.0	*	320.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain8.6	*	2,000.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain9.4	*	170.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain9.5	*	92.000	J		
P3171-12	DCVX5	Solid	(DEL) Alkane: Straight-Chain9.6	*	96.000	J		
P3171-12	DCVX5	Solid	1-Hexanol, 2-ethyl-	*	1,400.000	J		
P3171-12	DCVX5	Solid	2-Heptanone, 4,6-dimethyl-	*	240.000	J		
P3171-12	DCVX5	Solid	2-Methylidenehydrazono-3-methyl-	*	220.000	J		
P3171-12	DCVX5	Solid	4,6,8-Trimethylazulene	*	460.000	J		
P3171-12	DCVX5	Solid	9-Octadecenoic acid, (E)-	*	590.000	J		
P3171-12	DCVX5	Solid	Benzene, 1,4-diethyl-	*	330.000	J		
P3171-12	DCVX5	Solid	Benzene, 1-ethyl-3-methyl-	*	230.000	J		
P3171-12	DCVX5	Solid	Benzene, 1-methyl-4-propyl-	*	550.000	J		
P3171-12	DCVX5	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	220.000	J		
P3171-12	DCVX5	Solid	Butanoic acid	*	240.000	J		
P3171-12	DCVX5	Solid	Carbonic acid, 2-ethylhexyl tetrad	*	360.000	J		
P3171-12	DCVX5	Solid	Carbonic acid, decyl 2-ethylhexyl	*	1,100.000	J		
P3171-12	DCVX5	Solid	Carbonic acid, eicosyl vinyl ester	*	510.000	J		
P3171-12	DCVX5	Solid	Carbonic acid, prop-1-en-2-yl trid	*	2,100.000	J		
P3171-12	DCVX5	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	280.000	J		
P3171-12	DCVX5	Solid	Hexadecanoic acid, methyl ester	*	300.000	J		
P3171-12	DCVX5	Solid	n-Hexadecanoic acid	*	350.000	J		
P3171-12	DCVX5	Solid	Naphthalene, 1,3-dimethyl-	*	220.000	J		
P3171-12	DCVX5	Solid	Naphthalene, 1,4,6-trimethyl-	*	200.000	J		
P3171-12	DCVX5	Solid	Naphthalene, 1,6,7-trimethyl-	*	190.000	J		
P3171-12	DCVX5	Solid	Naphthalene, 1,6-dimethyl-	*	320.000	J		
P3171-12	DCVX5	Solid	Naphthalene, 2,3-dimethyl-	*	370.000	J		
P3171-12	DCVX5	Solid	Naphthalene, 2,6-dimethyl-	*	420.000	J		
P3171-12	DCVX5	Solid	p-Cymene	*	250.000	J		
P3171-12	DCVX5	Solid	Sulfurous acid, 2-ethylhexyl hexyl	*	870.000	J		

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-12	DCVX5	Solid	Tridecane, 1-iodo-	*	230.000	J		
P3171-12	DCVX5	Solid	unknown-01	*	730.000	J		
P3171-12	DCVX5	Solid	unknown-02	*	290.000	J		
P3171-12	DCVX5	Solid	unknown-03	*	410.000	J		
P3171-12	DCVX5	Solid	unknown-04	*	430.000	J		
P3171-12	DCVX5	Solid	Total Alkanes	*	14,000.000		56	200 ug/Kg
Total Tics :				42,837.00				
P3171-12	DCVX5	Solid	1-Methylnaphthalene		320.000		48	200 ug/Kg
P3171-12	DCVX5	Solid	2,3,4,6-Tetrachlorophenol		2,700.000		43	200 ug/Kg
P3171-12	DCVX5	Solid	2-Methylnaphthalene		530.000		43	200 ug/Kg
P3171-12	DCVX5	Solid	Naphthalene		220.000		39	200 ug/Kg
P3171-12	DCVX5	Solid	Pentachlorophenol		31,000.000	E	100	380 ug/Kg
P3171-12	DCVX5	Solid	Phenanthrene		91.000	J	51	200 ug/Kg
Total Svoc :				34,861.00				
Total Concentration:				77,698.00				
Client ID : E20J4								
P3276-15	E20J4	Solid	Behenic alcohol	*	100.000	J		
P3276-15	E20J4	Solid	Total Alkanes	*	0.000		61	220 ug/Kg
Total Tics :				100.00				
Total Concentration:				100.00				
Client ID : F7E08								
P3329-06	F7E08	Solid	(DEL) Alkane: Straight-Chain20.7	*	95.000	J		
P3329-06	F7E08	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	250.000	J		
P3329-06	F7E08	Solid	1,1-Biphenyl, 3-methyl-	*	150.000	J		
P3329-06	F7E08	Solid	11H-Benzo[b]fluorene	*	140.000	J		
P3329-06	F7E08	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	200.000	J		
P3329-06	F7E08	Solid	2(1H)-Quinolinone	*	3,000.000	J		
P3329-06	F7E08	Solid	4-Octene-2,7-diol, 2,7-dimethyl-,	*	490.000	J		
P3329-06	F7E08	Solid	4H-Cyclopenta[def]phenanthrene	*	440.000	J		
P3329-06	F7E08	Solid	9H-Fluorene, 1-methyl-	*	150.000	J		
P3329-06	F7E08	Solid	Benzene, 1-propynyl-	*	150.000	J		
P3329-06	F7E08	Solid	Benzeneacetic acid	*	430.000	J		
P3329-06	F7E08	Solid	Benzoic acid	*	280.000	J		
P3329-06	F7E08	Solid	Butanoic acid	*	1,800.000	J		
P3329-06	F7E08	Solid	Butanoic acid, 3-methyl-	*	220.000	J		
P3329-06	F7E08	Solid	Cyclohexanemethanol, 4-hydroxy	*	1,600.000	J		
P3329-06	F7E08	Solid	Dibenzofuran, 4-methyl-	*	180.000	J		
P3329-06	F7E08	Solid	Dibenzothiophene	*	270.000	J		
P3329-06	F7E08	Solid	Hexanoic acid	*	310.000	J		

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-06	F7E08	Solid	Indane	*	240.000	J		
P3329-06	F7E08	Solid	Naphthalene, 1,5-dimethyl-	*	160.000	J		
P3329-06	F7E08	Solid	Naphthalene, 2,3-dimethyl-	*	280.000	J		
P3329-06	F7E08	Solid	Naphthalene, 2,6-dimethyl-	*	190.000	J		
P3329-06	F7E08	Solid	Naphthalene, 2-phenyl-	*	160.000	J		
P3329-06	F7E08	Solid	Pentanoic acid	*	260.000	J		
P3329-06	F7E08	Solid	Phenanthrene, 1-methyl-	*	460.000	J		
P3329-06	F7E08	Solid	Phenanthrene, 2-methyl-	*	240.000	J		
P3329-06	F7E08	Solid	Phenol, 3,4-dimethyl-	*	170.000	J		
P3329-06	F7E08	Solid	Phenol, 3,5-dimethyl-	*	480.000	J		
P3329-06	F7E08	Solid	Phenol, 3-ethyl-	*	200.000	J		
P3329-06	F7E08	Solid	Phenol, 4-propyl-	*	360.000	J		
P3329-06	F7E08	Solid	Pyrene, 1-methyl-	*	130.000	J		
P3329-06	F7E08	Solid	Total Alkanes	*	95.000	61	220	ug/Kg
Total Tics :				13,580.00				
P3329-06	F7E08	Solid	1,1-Biphenyl		320.000	61	220	ug/Kg
P3329-06	F7E08	Solid	1-Methylnaphthalene		780.000	52	220	ug/Kg
P3329-06	F7E08	Solid	2,4-Dimethylphenol		950.000	36	220	ug/Kg
P3329-06	F7E08	Solid	2-Methylnaphthalene		1,700.000	47	220	ug/Kg
P3329-06	F7E08	Solid	2-Methylphenol		790.000	38	420	ug/Kg
P3329-06	F7E08	Solid	4-Methylphenol		2,200.000	41	420	ug/Kg
P3329-06	F7E08	Solid	Acenaphthene		1,000.000	52	220	ug/Kg
P3329-06	F7E08	Solid	Anthracene		1,900.000	55	220	ug/Kg
P3329-06	F7E08	Solid	Benzo(a)anthracene		310.000	50	220	ug/Kg
P3329-06	F7E08	Solid	Benzo(a)pyrene		110.000	J 54	220	ug/Kg
P3329-06	F7E08	Solid	Benzo(b)fluoranthene		160.000	J 54	220	ug/Kg
P3329-06	F7E08	Solid	Benzo(k)fluoranthene		64.000	J 58	220	ug/Kg
P3329-06	F7E08	Solid	Carbazole		890.000	58	420	ug/Kg
P3329-06	F7E08	Solid	Chrysene		340.000	58	220	ug/Kg
P3329-06	F7E08	Solid	Dibenzofuran		920.000	59	220	ug/Kg
P3329-06	F7E08	Solid	Fluoranthene		1,500.000	56	220	ug/Kg
P3329-06	F7E08	Solid	Fluorene		1,100.000	58	220	ug/Kg
P3329-06	F7E08	Solid	Naphthalene		6,600.000	E 44	220	ug/Kg
P3329-06	F7E08	Solid	Phenanthrene		2,800.000	56	220	ug/Kg
P3329-06	F7E08	Solid	Phenol		1,500.000	45	420	ug/Kg
P3329-06	F7E08	Solid	Pyrene		960.000	56	220	ug/Kg
Total Svoc :				26,894.00				
Total Concentration:				40,474.00				

Client ID : F7E13

P3329-08 F7E13 Solid [1,1-Biphenyl]-4-carboxaldehyde * 240.000 J

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-08	F7E13	Solid	1-Isopropenylnaphthalene	*	110.000	J		
P3329-08	F7E13	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P3329-08	F7E13	Solid	1H-Benzo[b]fluorene	*	180.000	J		
P3329-08	F7E13	Solid	1H-Cyclopropa[l]phenanthrene, 1a	*	180.000	J		
P3329-08	F7E13	Solid	4-(4-Methylphenyl)benzaldehyde	*	110.000	J		
P3329-08	F7E13	Solid	4H-Cyclopenta[def]phenanthrene	*	640.000	J		
P3329-08	F7E13	Solid	9H-Fluorene-3-ol	*	330.000	J		
P3329-08	F7E13	Solid	9H-Fluorene, 1-methyl-	*	91.000	J		
P3329-08	F7E13	Solid	9H-Fluorene, 2-methyl-	*	250.000	J		
P3329-08	F7E13	Solid	Anthracene, 9-methyl-	*	140.000	J		
P3329-08	F7E13	Solid	Benzene, 1-butynyl-	*	140.000	J		
P3329-08	F7E13	Solid	Benzene, 2-ethenyl-1,4-dimethyl-	*	180.000	J		
P3329-08	F7E13	Solid	Cyclohexanemethanol, 4-hydroxy	*	160.000	J		
P3329-08	F7E13	Solid	Dibenzothiophene	*	370.000	J		
P3329-08	F7E13	Solid	Diphenylmethane	*	100.000	J		
P3329-08	F7E13	Solid	Fluoranthene, 2-methyl-	*	190.000	J		
P3329-08	F7E13	Solid	Indane	*	180.000	J		
P3329-08	F7E13	Solid	Indene	*	340.000	J		
P3329-08	F7E13	Solid	Naphthalene, 1,4-dimethyl-	*	140.000	J		
P3329-08	F7E13	Solid	Naphthalene, 1,6-dimethyl-	*	250.000	J		
P3329-08	F7E13	Solid	Naphthalene, 2,3-dimethyl-	*	370.000	J		
P3329-08	F7E13	Solid	Naphthalene, 2,6-dimethyl-	*	210.000	J		
P3329-08	F7E13	Solid	Naphthalene, 2-ethyl-	*	170.000	J		
P3329-08	F7E13	Solid	Naphthalene, 2-phenyl-	*	200.000	J		
P3329-08	F7E13	Solid	Nordiphenamid	*	210.000	J		
P3329-08	F7E13	Solid	Phenanthrene, 1-methyl-	*	560.000	J		
P3329-08	F7E13	Solid	Phenanthrene, 2,5-dimethyl-	*	130.000	J		
P3329-08	F7E13	Solid	Phenanthrene, 2-methyl-	*	330.000	J		
P3329-08	F7E13	Solid	Pyrene, 2-methyl-	*	97.000	J		
P3329-08	F7E13	Solid	Total Alkanes	*	0.000	59	210	ug/Kg
Total Tics :					6,698.00			
P3329-08	F7E13	Solid	1,1-Biphenyl		490.000	59	210	ug/Kg
P3329-08	F7E13	Solid	1-Methylnaphthalene		1,100.000	50	210	ug/Kg
P3329-08	F7E13	Solid	2,4-Dimethylphenol	J	120.000	34	210	ug/Kg
P3329-08	F7E13	Solid	2-Methylnaphthalene		2,400.000	45	210	ug/Kg
P3329-08	F7E13	Solid	2-Methylphenol	J	94.000	37	400	ug/Kg
P3329-08	F7E13	Solid	4-Methylphenol	J	270.000	39	400	ug/Kg
P3329-08	F7E13	Solid	Acenaphthene		1,600.000	50	210	ug/Kg
P3329-08	F7E13	Solid	Acenaphthylene	J	110.000	53	210	ug/Kg
P3329-08	F7E13	Solid	Anthracene		650.000	53	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-08	F7E13	Solid	Benzo(a)anthracene	430.000		48	210	ug/Kg
P3329-08	F7E13	Solid	Benzo(a)pyrene	160.000	J	51	210	ug/Kg
P3329-08	F7E13	Solid	Benzo(b)fluoranthene	240.000		51	210	ug/Kg
P3329-08	F7E13	Solid	Benzo(k)fluoranthene	92.000	J	55	210	ug/Kg
P3329-08	F7E13	Solid	Carbazole	460.000		55	400	ug/Kg
P3329-08	F7E13	Solid	Chrysene	360.000		55	210	ug/Kg
P3329-08	F7E13	Solid	Dibenzofuran	1,300.000		56	210	ug/Kg
P3329-08	F7E13	Solid	Fluoranthene	2,100.000		54	210	ug/Kg
P3329-08	F7E13	Solid	Fluorene	1,600.000		55	210	ug/Kg
P3329-08	F7E13	Solid	Naphthalene	6,800.000	E	42	210	ug/Kg
P3329-08	F7E13	Solid	Phenanthrene	4,000.000	E	54	210	ug/Kg
P3329-08	F7E13	Solid	Phenol	200.000	J	43	400	ug/Kg
P3329-08	F7E13	Solid	Pyrene	1,300.000		54	210	ug/Kg

Total Svoc : 25,876.00

Total Concentration: 32,574.00

Client ID : F7E14

P3329-09	F7E14	Solid	(DEL) Alkane: Cyclic20.786	*	100.000	J		
P3329-09	F7E14	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P3329-09	F7E14	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P3329-09	F7E14	Solid	n-Hexadecanoic acid	*	240.000	J		
P3329-09	F7E14	Solid	Total Alkanes	*	100.000		57	200 ug/Kg

Total Tics : 660.00

P3329-09	F7E14	Solid	1,1-Biphenyl		87.000	J	57	200 ug/Kg
P3329-09	F7E14	Solid	1-Methylnaphthalene		220.000		49	200 ug/Kg
P3329-09	F7E14	Solid	2-Methylnaphthalene		470.000		44	200 ug/Kg
P3329-09	F7E14	Solid	Acenaphthene		330.000		49	200 ug/Kg
P3329-09	F7E14	Solid	Anthracene		130.000	J	51	200 ug/Kg
P3329-09	F7E14	Solid	Benzo(a)anthracene		69.000	J	46	200 ug/Kg
P3329-09	F7E14	Solid	Carbazole		150.000	J	54	390 ug/Kg
P3329-09	F7E14	Solid	Chrysene		58.000	J	54	200 ug/Kg
P3329-09	F7E14	Solid	Dibenzofuran		280.000		55	200 ug/Kg
P3329-09	F7E14	Solid	Fluoranthene		330.000		52	200 ug/Kg
P3329-09	F7E14	Solid	Fluorene		320.000		54	200 ug/Kg
P3329-09	F7E14	Solid	Naphthalene		1,400.000		40	200 ug/Kg
P3329-09	F7E14	Solid	Phenanthrene		800.000		52	200 ug/Kg
P3329-09	F7E14	Solid	Pyrene		210.000		52	200 ug/Kg

Total Svoc : 4,854.00

Total Concentration: 5,514.00

Client ID : F7E15

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P3329-10	F7E15	Solid	1-Phenoxypropan-2-ol	*	76.000	J			
P3329-10	F7E15	Solid	Heptafluorobutyric acid, pentadec	*	120.000	J			
P3329-10	F7E15	Solid	n-Hexadecanoic acid	*	140.000	J			
P3329-10	F7E15	Solid	Total Alkanes	*	0.000	54	190	ug/Kg	
			Total Tics :	336.00					
P3329-10	F7E15	Solid	1-Methylnaphthalene		75.000	J	46	190	ug/Kg
P3329-10	F7E15	Solid	2-Methylnaphthalene		150.000	J	42	190	ug/Kg
P3329-10	F7E15	Solid	Acenaphthene		110.000	J	46	190	ug/Kg
P3329-10	F7E15	Solid	Carbazole		60.000	J	51	370	ug/Kg
P3329-10	F7E15	Solid	Dibenzofuran		88.000	J	52	190	ug/Kg
P3329-10	F7E15	Solid	Fluoranthene		100.000	J	49	190	ug/Kg
P3329-10	F7E15	Solid	Fluorene		99.000	J	51	190	ug/Kg
P3329-10	F7E15	Solid	Naphthalene		700.000		38	190	ug/Kg
P3329-10	F7E15	Solid	Phenanthrene		240.000		49	190	ug/Kg
P3329-10	F7E15	Solid	Pyrene		68.000	J	49	190	ug/Kg
			Total Svoc :	1,690.00					
			Total Concentration:	2,026.00					
Client ID : F7E16									
P3329-11	F7E16	Solid	(DEL) Alkane: Cyclic20.786	*	120.000	J			
P3329-11	F7E16	Solid	1-Phenoxypropan-2-ol	*	81.000	J			
P3329-11	F7E16	Solid	n-Hexadecanoic acid	*	140.000	J			
P3329-11	F7E16	Solid	Total Alkanes	*	120.000	53	190	ug/Kg	
			Total Tics :	461.00					
P3329-11	F7E16	Solid	1-Methylnaphthalene		61.000	J	45	190	ug/Kg
P3329-11	F7E16	Solid	2-Methylnaphthalene		120.000	J	41	190	ug/Kg
P3329-11	F7E16	Solid	Acenaphthene		89.000	J	45	190	ug/Kg
P3329-11	F7E16	Solid	Carbazole		64.000	J	50	360	ug/Kg
P3329-11	F7E16	Solid	Dibenzofuran		77.000	J	51	190	ug/Kg
P3329-11	F7E16	Solid	Fluoranthene		70.000	J	49	190	ug/Kg
P3329-11	F7E16	Solid	Fluorene		79.000	J	50	190	ug/Kg
P3329-11	F7E16	Solid	Naphthalene		700.000		37	190	ug/Kg
P3329-11	F7E16	Solid	Phenanthrene		190.000		49	190	ug/Kg
			Total Svoc :	1,450.00					
			Total Concentration:	1,911.00					
Client ID : F7E21									
P3329-13	F7E21	Solid	1-Phenoxypropan-2-ol	*	80.000	J			
P3329-13	F7E21	Solid	n-Hexadecanoic acid	*	180.000	J			
P3329-13	F7E21	Solid	n-Tetracosanol-1	*	210.000	J			
P3329-13	F7E21	Solid	Propylene Glycol	*	130.000	J			
P3329-13	F7E21	Solid	Total Alkanes	*	0.000	58	200	ug/Kg	

Hit Summary Sheet
SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :					600.00			
Total Concentration:					600.00			
Client ID : F7E22								
P3329-14	F7E22	Solid	1-Heneicosyl formate	*	120.000	J		
P3329-14	F7E22	Solid	n-Hexadecanoic acid	*	120.000	J		
P3329-14	F7E22	Solid	Total Alkanes	*	0.000	56	200	ug/Kg
Total Tics :					240.00			
Total Concentration:					240.00			
Client ID : F7E23								
P3329-15	F7E23	Solid	(DEL) Alkane: Straight-Chain20.7	*	79.000	J		
P3329-15	F7E23	Solid	n-Hexadecanoic acid	*	80.000	J		
P3329-15	F7E23	Solid	Total Alkanes	*	79.000	54	190	ug/Kg
Total Tics :					238.00			
Total Concentration:					238.00			
Client ID : F7E24								
P3329-16	F7E24	Solid	Heptafluorobutyric acid, pentadec	*	110.000	J		
P3329-16	F7E24	Solid	n-Hexadecanoic acid	*	96.000	J		
P3329-16	F7E24	Solid	Total Alkanes	*	0.000	59	210	ug/Kg
Total Tics :					206.00			
P3329-16	F7E24	Solid	Naphthalene		250.000	42	210	ug/Kg
Total Svoc :					250.00			
Total Concentration:					456.00			
Client ID : F7E26								
P3329-18	F7E26	Solid	(DEL) Alkane: Straight-Chain20.7	*	160.000	J		
P3329-18	F7E26	Solid	(E)-7-Benzylidene-1-azabicyclo[3	*	120.000	J		
P3329-18	F7E26	Solid	n-Hexadecanoic acid	*	120.000	J		
P3329-18	F7E26	Solid	Total Alkanes	*	160.000	61	220	ug/Kg
Total Tics :					560.00			
P3329-18	F7E26	Solid	Bis(2-ethylhexyl)phthalate		120.000	J 56	220	ug/Kg
P3329-18	F7E26	Solid	Diethylphthalate		170.000	J 76	220	ug/Kg
P3329-18	F7E26	Solid	Naphthalene		63.000	J 43	220	ug/Kg
Total Svoc :					353.00			
Total Concentration:					913.00			
Client ID : E20R1								
P3382-01	E20R1	Solid	1-Phenoxypropan-2-ol	*	98.000	J		
P3382-01	E20R1	Solid	1H-Indene, 2,3-dihydro-1,1,3-trim	*	120.000	J		
P3382-01	E20R1	Solid	4-(7-Methyloctyl)phenol	*	200.000	J		
P3382-01	E20R1	Solid	Benzyl alcohol	*	490.000	J		

Hit Summary Sheet SW-846

SDG No.: BM080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3382-01	E20R1	Solid	Phenol, 2-(1,1,3,3-tetramethylbuty *	220.000	J			
P3382-01	E20R1	Solid	Phenol, 4-(1,1,3,3-tetramethylbuty *	220.000	J			
P3382-01	E20R1	Solid	Tricyclo[4.3.1.1(3,8)]undecane-3- *	140.000	J			
P3382-01	E20R1	Solid	unknown-01	*	140.000	J		
P3382-01	E20R1	Solid	unknown-02	*	220.000	J		
P3382-01	E20R1	Solid	unknown-03	*	240.000	J		
P3382-01	E20R1	Solid	Total Alkanes	*	0.000	61	220	ug/Kg
Total Tics :				2,088.00				
P3382-01	E20R1	Solid	Acetophenone	170.000	J	49	420	ug/Kg
P3382-01	E20R1	Solid	Benzo(a)anthracene	84.000	J	50	220	ug/Kg
P3382-01	E20R1	Solid	Benzo(b)fluoranthene	78.000	J	54	220	ug/Kg
P3382-01	E20R1	Solid	Bis(2-ethylhexyl)phthalate	79.000	J	56	220	ug/Kg
P3382-01	E20R1	Solid	Chrysene	84.000	J	58	220	ug/Kg
P3382-01	E20R1	Solid	Fluoranthene	340.000		56	220	ug/Kg
P3382-01	E20R1	Solid	Phenanthrene	180.000	J	56	220	ug/Kg
P3382-01	E20R1	Solid	Pyrene	180.000	J	56	220	ug/Kg
Total Svoc :				1,195.00				
Total Concentration:				3,283.00				
Client ID : E20R8								
P3382-02	E20R8	Solid	1-Phenoxypropan-2-ol	*	83.000	J		
P3382-02	E20R8	Solid	Dichloroacetic acid, heptadecyl es	*	88.000	J		
P3382-02	E20R8	Solid	n-Hexadecanoic acid	*	95.000	J		
P3382-02	E20R8	Solid	Total Alkanes	*	0.000	54	190	ug/Kg
Total Tics :				266.00				
P3382-02	E20R8	Solid	Acetophenone	100.000	J	43	370	ug/Kg
P3382-02	E20R8	Solid	Benzo(b)fluoranthene	49.000	J	47	190	ug/Kg
P3382-02	E20R8	Solid	Dimethylphthalate	110.000	J	47	190	ug/Kg
P3382-02	E20R8	Solid	Fluoranthene	72.000	J	50	190	ug/Kg
Total Svoc :				331.00				
Total Concentration:				597.00				
Client ID : E20R9								
P3382-03	E20R9	Solid	n-Hexadecanoic acid	*	110.000	J		
P3382-03	E20R9	Solid	Pentadecafluorooctanoic acid, pen	*	140.000	J		
P3382-03	E20R9	Solid	Total Alkanes	*	0.000	55	190	ug/Kg
Total Tics :				250.00				
Total Concentration:				250.00				



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.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020008

Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BM046950.D

Time Analyzed: 09:47

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	SBLK449	163068	7.40	613782	10.15	370353	14.05
02	DCVT0	144882	7.40	561593	10.16	378094	14.06
03	DCVT0DL	220348 *	7.40	819082 *	10.16	496209 *	14.06
04	DCVX2	165876	7.40	622928	10.16	393035	14.06
05	E20J4	243072 *	7.40	927098 *	10.16	577845 *	14.05
06	DCVW9	164926	7.40	612672	10.16	397332	14.06
07	DCVW9MS	156411	7.40	580980	10.16	371639	14.06
08	DCVW8	172959	7.40	657421	10.16	436681	14.06
09	DCVW9MSD	140941	7.40	534868	10.16	349904	14.06
10	SBLK219	168908	7.40	616790	10.16	400327	14.06
11	F7E08	220025 *	7.40	883183 *	10.16	598407 *	14.06
12	F7E13	208118 *	7.40	809151 *	10.16	547145 *	14.06
13	F7E21	188684	7.40	706372	10.16	445308	14.06
14	F7E22	180760	7.40	661758	10.16	396535	14.06
15	F7E23	151948	7.40	550484	10.16	358929	14.05
16	F7E24	190252	7.40	698641	10.16	435905	14.05
17	F7E14	176581	7.40	613228	10.16	434734	14.06
18	F7E15	178890	7.40	679326	10.15	432324	14.06
19	F7E16	170483	7.40	619966	10.16	370591	14.05
20	F7E26	198000	7.40	738022	10.15	411570	14.05
21	DCVW7	154356	7.40	603270	10.15	416092	14.05
22	DCVX5	178857	7.40	681866	10.15	469587	14.05
23	DCVW9DL	187776	7.40	713062	10.15	470340	14.05

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020008 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 04:50

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	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 SBLK175	268922 *	7.39	1.0602e+ *	10.15	684502 *	14.05
25 SBLK381	229633 *	7.39	857488 *	10.15	533948 *	14.05
26 DCVX4	172967	7.39	683613	10.15	478831	14.05
27 E20R1	267524 *	7.39	1.00083e *	10.15	616060 *	14.05
28 E20R8	293805 *	7.39	1.18145e *	10.15	803638 *	14.05
29 E20R9	305752 *	7.39	1.15549e *	10.15	751202 *	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.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020127 Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BM046985.D Time Analyzed: 09:47

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	126671	7.398	514441	10.15	343205	14.05
UPPER LIMIT	253342	7.898	1028882	10.651	686410	14.551
LOWER LIMIT	63335.5	6.898	257220.5	9.651	171602.5	13.551
EPA SAMPLE NO.						
01 SBLK449	163068	7.40	613782	10.15	370353	14.05
02 DCVT0	144882	7.40	561593	10.16	378094	14.06
03 DCVT0DL	220348	7.40	819082	10.16	496209	14.06
04 DCVX2	165876	7.40	622928	10.16	393035	14.06
05 E20J4	243072	7.40	927098	10.16	577845	14.05
06 DCVW9	164926	7.40	612672	10.16	397332	14.06
07 DCVW9MS	156411	7.40	580980	10.16	371639	14.06
08 DCVW8	172959	7.40	657421	10.16	436681	14.06
09 DCVW9MSD	140941	7.40	534868	10.16	349904	14.06

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.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020128 Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BM046995.D Time Analyzed: 17:48

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	169347	7.399	632670	10.16	428030	14.06
UPPER LIMIT	338694	7.899	1265340	10.657	856060	14.557
LOWER LIMIT	84673.5	6.899	316335	9.657	214015	13.557
EPA SAMPLE NO.						
01 SBLK219	168908	7.40	616790	10.16	400327	14.06
02 F7E08	220025	7.40	883183	10.16	598407	14.06
03 F7E13	208118	7.40	809151	10.16	547145	14.06
04 F7E21	188684	7.40	706372	10.16	445308	14.06
05 F7E22	180760	7.40	661758	10.16	396535	14.06
06 F7E23	151948	7.40	550484	10.16	358929	14.05
07 F7E24	190252	7.40	698641	10.16	435905	14.05
08 F7E14	176581	7.40	613228	10.16	434734	14.06
09 F7E15	178890	7.40	679326	10.15	432324	14.06
10 F7E16	170483	7.40	619966	10.16	370591	14.05
11 F7E26	198000	7.40	738022	10.15	411570	14.05
12 DCVW7	154356	7.40	603270	10.15	416092	14.05
13 DCVX5	178857	7.40	681866	10.15	469587	14.05
14 DCVW9DL	187776	7.40	713062	10.15	470340	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.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020129 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BM047010.D Time Analyzed: 04:50

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	246721	7.393	990527	10.15	663936	14.05
UPPER LIMIT	493442	7.893	1981054	10.651	1327872	14.551
LOWER LIMIT	123360.5	6.893	495263.5	9.651	331968	13.551
EPA SAMPLE NO.						
01 SBLK175	268922	7.39	1.0602e+	10.15	684502	14.05
02 SBLK381	229633	7.39	857488	10.15	533948	14.05
03 DCVX4	172967	7.39	683613	10.15	478831	14.05
04 E20R1	267524	7.39	1.00083e	10.15	616060	14.05
05 E20R8	293805	7.39	1.18145e	10.15	803638	14.05
06 E20R9	305752	7.39	1.15549e	10.15	751202	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020008 Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 09:47

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	SBLK449	751002	16.82	662901	21.05	762777	23.76
02	DCVT0	849000	16.82	763788	21.06	954884	23.76
03	DCVT0DL	1.01659	16.82	871912	21.06	1.0468e+0	23.76
04	DCVX2	821822	16.82	738759	21.05	832013	23.76
05	E20J4	1.16941*	16.82	1.08994e+	21.05	1.39848e+	23.76
06	DCVW9	773436	16.83	715517	21.05	851791	23.76
07	DCVW9MS	735389	16.83	663634	21.06	778047	23.77
08	DCVW8	937102	16.82	858899	21.05	952207	23.76
09	DCVW9MSD	701498	16.83	643983	21.06	753043	23.77
10	SBLK219	905615	16.82	840885	21.05	908693	23.76
11	F7E08	1.29723*	16.82	1.17609e+ *	21.05	1.31466e+	23.76
12	F7E13	1.19785*	16.82	1.13649e+ *	21.05	1.28066e+	23.76
13	F7E21	916947	16.82	838503	21.05	984694	23.76
14	F7E22	789146	16.82	808389	21.05	935766	23.76
15	F7E23	691946	16.82	671409	21.05	803140	23.76
16	F7E24	908587	16.82	829065	21.05	969913	23.76
17	F7E14	969145	16.82	1.12154e+ *	21.05	1.2995e+0	23.76
18	F7E15	913625	16.82	893082	21.04	1.04467e+	23.76
19	F7E16	793240	16.82	810173	21.05	960523	23.76
20	F7E26	872020	16.82	852022	21.05	1.07292e+	23.76
21	DCVW7	940171	16.82	918681	21.04	1.03831e+	23.76

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020008 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 02:06

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	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 DCVX5	941219	16.82	896009	21.05	1.014e+00	23.76
23 DCVW9DL	1.02399	16.82	954763	21.05	1.05296e+	23.76
24 SBLK175	1.40474*	16.81	1.21088e+ *	21.04	1.38842e+	23.76
25 SBLK381	1.10957*	16.81	1.01481e+	21.04	1.21106e+	23.76
26 DCVX4	1.0716e	16.82	1.0118e+0	21.05	1.13937e+	23.76
27 E20R1	1.30681*	16.81	1.09402e+ *	21.06	1.19214e+	23.79
28 E20R8	1.69625*	16.81	1.46626e+ *	21.04	1.64131e+ *	23.76
29 E20R9	1.58786*	16.81	1.41573e+ *	21.05	1.56764e+ *	23.76

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.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020127 Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BM046985.D Time Analyzed: 09:47

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	763676	16.815	742788	21.05	940138	23.762
UPPER LIMIT	1527352	17.315	1485576	21.55	1880276	24.262
LOWER LIMIT	381838	16.315	371394	20.55	470069	23.262
EPA SAMPLE NO.						
01 SBLK449	751002	16.82	662901	21.05	762777	23.76
02 DCVT0	849000	16.82	763788	21.06	954884	23.76
03 DCVT0DL	1.01659	16.82	871912	21.06	1.0468e+0	23.76
04 DCVX2	821822	16.82	738759	21.05	832013	23.76
05 E20J4	1.16941	16.82	1.08994e+	21.05	1.39848e+	23.76
06 DCVW9	773436	16.83	715517	21.05	851791	23.76
07 DCVW9MS	735389	16.83	663634	21.06	778047	23.77
08 DCVW8	937102	16.82	858899	21.05	952207	23.76
09 DCVW9MSD	701498	16.83	643983	21.06	753043	23.77

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.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020128 Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BM046995.D Time Analyzed: 17:48

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	946895	16.816	809785	21.056	902496	23.768
UPPER LIMIT	1893790	17.316	1619570	21.556	1804992	24.268
LOWER LIMIT	473447.5	16.316	404892.5	20.556	451248	23.268
EPA SAMPLE NO.						
01 SBLK219	905615	16.82	840885	21.05	908693	23.76
02 F7E08	1.29723	16.82	1.17609e+	21.05	1.31466e+	23.76
03 F7E13	1.19785	16.82	1.13649e+	21.05	1.28066e+	23.76
04 F7E21	916947	16.82	838503	21.05	984694	23.76
05 F7E22	789146	16.82	808389	21.05	935766	23.76
06 F7E23	691946	16.82	671409	21.05	803140	23.76
07 F7E24	908587	16.82	829065	21.05	969913	23.76
08 F7E14	969145	16.82	1.12154e+	21.05	1.2995e+0	23.76
09 F7E15	913625	16.82	893082	21.04	1.04467e+	23.76
10 F7E16	793240	16.82	810173	21.05	960523	23.76
11 F7E26	872020	16.82	852022	21.05	1.07292e+	23.76
12 DCVW7	940171	16.82	918681	21.04	1.03831e+	23.76
13 DCVX5	941219	16.82	896009	21.05	1.014e+00	23.76
14 DCVW9DL	1.02399	16.82	954763	21.05	1.05296e+	23.76

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.: BM080524 SAS No.: BM080524 SDG NO.: BM080524

EPA Sample No.: SSTD020129 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BM047010.D Time Analyzed: 04:50

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	1.42404e+01	16.815	1.27675e+	21.05	1.49358e+01	23.762
UPPER LIMIT	2848080	17.315	2553500	21.55	2987160	24.262
LOWER LIMIT	712020	16.315	638375	20.55	746790	23.262
EPA SAMPLE NO.						
01 SBLK175	1.40474	16.81	1.21088e+	21.04	1.38842e+	23.76
02 SBLK381	1.10957	16.81	1.01481e+	21.04	1.21106e+	23.76
03 DCVX4	1.0716e	16.82	1.0118e+0	21.05	1.13937e+	23.76
04 E20R1	1.30681	16.81	1.09402e+	21.06	1.19214e+	23.79
05 E20R8	1.69625	16.81	1.46626e+	21.04	1.64131e+	23.76
06 E20R9	1.58786	16.81	1.41573e+	21.05	1.56764e+	23.76

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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK175

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080524

SAS No.: BM080524 SDG NO.: BM080524

Lab File ID: BM047011.D

Lab Sample ID: PB162175BL

Instrument ID: BNA_M

Date Extracted: 07/19/2024

Matrix: (soil/water) Water

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 04:50

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK219

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080524

SAS No.: BM080524 SDG NO.: BM080524

Lab File ID: BM046996.D

Lab Sample ID: PB162219BL

Instrument ID: BNA_M

Date Extracted: 07/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/05/2024

Level: (low/med) LOW

Time Analyzed: 17:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7E08	P3329-06	BM046997.D	08/05/2024
F7E13	P3329-08	BM046998.D	08/05/2024
F7E21	P3329-13	BM046999.D	08/05/2024
F7E22	P3329-14	BM047000.D	08/05/2024
F7E23	P3329-15	BM047001.D	08/05/2024
F7E24	P3329-16	BM047002.D	08/05/2024
F7E14	P3329-09	BM047003.D	08/05/2024
F7E15	P3329-10	BM047004.D	08/05/2024
F7E16	P3329-11	BM047005.D	08/06/2024
F7E26	P3329-18	BM047006.D	08/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E20J4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080524

SAS No.: BM080524 SDG NO.: BM080524

Lab File ID: BM046990.D

Lab Sample ID: P3276-15

Instrument ID: BNA_M

Date Extracted: 07/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/05/2024

Level: (low/med) LOW

Time Analyzed: 12:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E20J4	P3276-15	BM046990.D	08/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK381

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080524

SAS No.: BM080524 SDG NO.: BM080524

Lab File ID: BM047012.D

Lab Sample ID: PB162381BL

Instrument ID: BNA_M

Date Extracted: 07/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 05:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E20R1	P3382-01	BM047014.D	08/06/2024
E20R8	P3382-02	BM047015.D	08/06/2024
E20R9	P3382-03	BM047016.D	08/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK449

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080524

SAS No.: BM080524 SDG NO.: BM080524

Lab File ID: BM046986.D

Lab Sample ID: PB162449BL

Instrument ID: BNA_M

Date Extracted: 08/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/05/2024

Level: (low/med) LOW

Time Analyzed: 09:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCVT0	P3171-01	BM046987.D	08/05/2024
DCVX2	P3171-10	BM046989.D	08/05/2024
DCVW9	P3171-05	BM046991.D	08/05/2024
DCVW8	P3171-04	BM046993.D	08/05/2024
DCVW9MS	P3171-06MS	BM046992.D	08/05/2024
DCVW9MSD	P3171-07MSD	BM046994.D	08/05/2024
DCVW7	P3171-03	BM047007.D	08/06/2024
DCVX4	P3171-11	BM047013.D	08/06/2024
DCVX5	P3171-12	BM047008.D	08/06/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3171-06MS	Client Sample ID:	DCVW9MS				DataFile:	BM046992.D			
1,4-Dioxane	660		730	ug/Kg	111				15	120	
Benzaldehyde	1700		2900	ug/Kg	171				0	0	
Pyridine	1700		2100	ug/Kg	124				0	0	
Phenol	1700		2500	ug/Kg	147	*			26	90	
Bis(2-chloroethyl)ether	1700		2100	ug/Kg	124				0	0	
2-Chlorophenol	1700		2200	ug/Kg	129	*			25	102	
2-Methylphenol	1700		2200	ug/Kg	129				0	0	
2,2-oxybis(1-Chloropropane)	1700		2100	ug/Kg	124				0	0	
Acetophenone	1700		1800	ug/Kg	106				0	0	
4-Methylphenol	1700		2200	ug/Kg	129				0	0	
N-Nitroso-di-n-propylamine	1700		2200	ug/Kg	129	*			41	126	
Hexachloroethane	1700		2100	ug/Kg	124				0	0	
Nitrobenzene	1700		2100	ug/Kg	124				0	0	
Isophorone	1700	610	2800	ug/Kg	129				0	0	
2-Nitrophenol	1700		2300	ug/Kg	135				0	0	
2,4-Dimethylphenol	1700		2200	ug/Kg	129				0	0	
Bis(2-chloroethoxy)methane	1700		2100	ug/Kg	124				0	0	
2,4-Dichlorophenol	1700	150	2500	ug/Kg	138				0	0	
Naphthalene	1700	1000	3100	ug/Kg	124				0	0	
4-Chloroaniline	1700		1600	ug/Kg	94				0	0	
Hexachlorobutadiene	1700		2100	ug/Kg	124				0	0	
Caprolactam	1700		210	ug/Kg	12				0	0	
4-Chloro-3-methylphenol	1700		2200	ug/Kg	129	*			26	103	
1-Methylnaphthalene	1700	1200	3300	ug/Kg	124				0	0	
2-Methylnaphthalene	1700	2100	4100	ug/Kg	118				0	0	
Hexachlorocyclopentadiene	1700		2000	ug/Kg	118				0	0	
2,4,6-Trichlorophenol	1700	140	2500	ug/Kg	139				0	0	
2,4,5-Trichlorophenol	1700	84	2500	ug/Kg	142				0	0	
1,1'-Biphenyl	1700	220	2400	ug/Kg	128				0	0	
2-Chloronaphthalene	1700		2200	ug/Kg	129				0	0	
2-Nitroaniline	1700		2200	ug/Kg	129				0	0	
Dimethylphthalate	1700		2100	ug/Kg	124				0	0	
2,6-Dinitrotoluene	1700		2300	ug/Kg	135				0	0	
Acenaphthylene	1700		2200	ug/Kg	129				0	0	
3-Nitroaniline	1700		1800	ug/Kg	106				0	0	
Acenaphthene	1700	0	2100	ug/Kg	124				31	137	
2,4-Dinitrophenol	1700		2700	ug/Kg	159				0	0	
4-Nitrophenol	1700		1900	ug/Kg	112				11	114	
Dibenzofuran	1700		2100	ug/Kg	124				0	0	
2,4-Dinitrotoluene	1700		2200	ug/Kg	129	*			28	89	
Diethylphthalate	1700		1900	ug/Kg	112				0	0	
Fluorene	1700	110	2100	ug/Kg	117				0	0	
4-Chlorophenyl-phenylether	1700		2100	ug/Kg	124				0	0	
4-Nitroaniline	1700		1300	ug/Kg	76				0	0	
4,6-Dinitro-2-methylphenol	1700	440	2600	ug/Kg	127				0	0	
N-Nitrosodiphenylamine	1700		2500	ug/Kg	147				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		2300	ug/Kg	135				0	0	
4-Bromophenyl-phenylether	1700		2300	ug/Kg	135				0	0	
Hexachlorobenzene	1700		2200	ug/Kg	129				0	0	
Atrazine	1700		1800	ug/Kg	106				0	0	
Pentachlorophenol	1700	190000	190000	ug/Kg	0	*			17	109	
Phenanthrene	1700	290	2400	ug/Kg	124				0	0	
Pentachlorobenzene	1700		2200	ug/Kg	129				0	0	
Anthracene	1700		2100	ug/Kg	124				0	0	
1,2,3,4-Tetrachlorobenzene	1700		2500	ug/Kg	147				0	0	
Carbazole	1700		2100	ug/Kg	124				0	0	
Di-n-butylphthalate	1700		2100	ug/Kg	124				0	0	
Fluoranthene	1700		2300	ug/Kg	135				0	0	
Pyrene	1700		2200	ug/Kg	129				35	142	
Butylbenzylphthalate	1700		2300	ug/Kg	135				0	0	
3,3'-Dichlorobenzidine	1700		1300	ug/Kg	76				0	0	
Benzo(a)anthracene	1700		2100	ug/Kg	124				0	0	
Chrysene	1700		2100	ug/Kg	124				0	0	
Bis(2-ethylhexyl)phthalate	1700	65	2400	ug/Kg	137				0	0	
Di-n-octylphthalate	1700		2300	ug/Kg	135				0	0	
Benzo(b)fluoranthene	1700		2200	ug/Kg	129				0	0	
Benzo(k)fluoranthene	1700		2100	ug/Kg	124				0	0	
Benzo(a)pyrene	1700		2100	ug/Kg	124				0	0	
Indeno(1,2,3-cd)pyrene	1700		2200	ug/Kg	129				0	0	
Dibenzo(a,h)anthracene	1700		2200	ug/Kg	129				0	0	
Benzo(g,h,i)perylene	1700		2200	ug/Kg	129				0	0	
2,3,4,6-Tetrachlorophenol	1700	17000	19000	ug/Kg	118				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3171-07MSD	Client Sample ID:	DCVW9MSD					DataFile:	BM046994.D		
1,4-Dioxane	660		760	ug/Kg	115		4		15	120	50
Benzaldehyde	1700		3000	ug/Kg	176		3	*	0	0	0
Pyridine	1700		2200	ug/Kg	129		4	*	0	0	0
Phenol	1700		2500	ug/Kg	147	*	0		26	90	35
Bis(2-chloroethyl)ether	1700		2100	ug/Kg	124		0		0	0	0
2-Chlorophenol	1700		2200	ug/Kg	129	*	0		25	102	50
2-Methylphenol	1700		2200	ug/Kg	129		0		0	0	0
2,2-oxybis(1-Chloropropane)	1700		2000	ug/Kg	118		5	*	0	0	0
Acetophenone	1700		1900	ug/Kg	112		6	*	0	0	0
4-Methylphenol	1700		2200	ug/Kg	129		0		0	0	0
N-Nitroso-di-n-propylamine	1700		2300	ug/Kg	135	*	5		41	126	38
Hexachloroethane	1700		2200	ug/Kg	129		4	*	0	0	0
Nitrobenzene	1700		2100	ug/Kg	124		0		0	0	0
Isophorone	1700	610	2800	ug/Kg	129		0		0	0	0
2-Nitrophenol	1700		2300	ug/Kg	135		0		0	0	0
2,4-Dimethylphenol	1700		2100	ug/Kg	124		4	*	0	0	0
Bis(2-chloroethoxy)methane	1700		2100	ug/Kg	124		0		0	0	0
2,4-Dichlorophenol	1700	150	2400	ug/Kg	132		4	*	0	0	0
Naphthalene	1700	1000	3100	ug/Kg	124		0		0	0	0
4-Chloroaniline	1700		1400	ug/Kg	82		14	*	0	0	0
Hexachlorobutadiene	1700		2200	ug/Kg	129		4	*	0	0	0
Caprolactam	1700		260	ug/Kg	15		22	*	0	0	0
4-Chloro-3-methylphenol	1700		2200	ug/Kg	129	*	0		26	103	33
1-Methylnaphthalene	1700	1200	3300	ug/Kg	124		0		0	0	0
2-Methylnaphthalene	1700	2100	4200	ug/Kg	124		5	*	0	0	0
Hexachlorocyclopentadiene	1700		2000	ug/Kg	118		0		0	0	0
2,4,6-Trichlorophenol	1700	140	2500	ug/Kg	139		0		0	0	0
2,4,5-Trichlorophenol	1700	84	2400	ug/Kg	136		4	*	0	0	0
1,1'-Biphenyl	1700	220	2400	ug/Kg	128		0		0	0	0
2-Chloronaphthalene	1700		2200	ug/Kg	129		0		0	0	0
2-Nitroaniline	1700		2200	ug/Kg	129		0		0	0	0
Dimethylphthalate	1700		2100	ug/Kg	124		0		0	0	0
2,6-Dinitrotoluene	1700		2200	ug/Kg	129		5	*	0	0	0
Acenaphthylene	1700		2200	ug/Kg	129		0		0	0	0
3-Nitroaniline	1700		1800	ug/Kg	106		0		0	0	0
Acenaphthene	1700	0	2100	ug/Kg	124		0		31	137	19
2,4-Dinitrophenol	1700		2100	ug/Kg	124		25	*	0	0	0
4-Nitrophenol	1700		2100	ug/Kg	124	*	10		11	114	50
Dibenzofuran	1700		2100	ug/Kg	124		0		0	0	0
2,4-Dinitrotoluene	1700		2200	ug/Kg	129	*	0		28	89	47
Diethylphthalate	1700		1900	ug/Kg	112		0		0	0	0
Fluorene	1700	110	2200	ug/Kg	123		5	*	0	0	0
4-Chlorophenyl-phenylether	1700		2100	ug/Kg	124		0		0	0	0
4-Nitroaniline	1700		1300	ug/Kg	76		0		0	0	0
4,6-Dinitro-2-methylphenol	1700	440	2500	ug/Kg	121		5	*	0	0	0
N-Nitrosodiphenylamine	1700		2400	ug/Kg	141		4	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		2300	ug/Kg	135		0		0	0	0
4-Bromophenyl-phenylether	1700		2300	ug/Kg	135		0		0	0	0
Hexachlorobenzene	1700		2200	ug/Kg	129		0		0	0	0
Atrazine	1700		1800	ug/Kg	106		0		0	0	0
Pentachlorophenol	1700	190000	200000	ug/Kg	588	*	200	*	17	109	47
Phenanthrene	1700	290	2400	ug/Kg	124		0		0	0	0
Pentachlorobenzene	1700		2200	ug/Kg	129		0		0	0	0
Anthracene	1700		2100	ug/Kg	124		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		2400	ug/Kg	141		4	*	0	0	0
Carbazole	1700		2100	ug/Kg	124		0		0	0	0
Di-n-butylphthalate	1700		2100	ug/Kg	124		0		0	0	0
Fluoranthene	1700		2200	ug/Kg	129		5	*	0	0	0
Pyrene	1700		2200	ug/Kg	129		0		35	142	36
Butylbenzylphthalate	1700		2300	ug/Kg	135		0		0	0	0
3,3'-Dichlorobenzidine	1700		1200	ug/Kg	71		7	*	0	0	0
Benzo(a)anthracene	1700		2100	ug/Kg	124		0		0	0	0
Chrysene	1700		2100	ug/Kg	124		0		0	0	0
Bis(2-ethylhexyl)phthalate	1700	65	2300	ug/Kg	131		4	*	0	0	0
Di-n-octylphthalate	1700		2200	ug/Kg	129		5	*	0	0	0
Benzo(b)fluoranthene	1700		2100	ug/Kg	124		4	*	0	0	0
Benzo(k)fluoranthene	1700		2200	ug/Kg	129		4	*	0	0	0
Benzo(a)pyrene	1700		2000	ug/Kg	118		5	*	0	0	0
Indeno(1,2,3-cd)pyrene	1700		2200	ug/Kg	129		0		0	0	0
Dibenzo(a,h)anthracene	1700		2200	ug/Kg	129		0		0	0	0
Benzo(g,h,i)perylene	1700		2200	ug/Kg	129		0		0	0	0
2,3,4,6-Tetrachlorophenol	1700	17000	20000	ug/Kg	176		39	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162175BL	PB162175BL	BM047011.D	1,4-Dioxane-d8	8	5.49	69		15	120
			Pyridine-d5	40	26.60	67		20	120
			Phenol-d5	40	28.04	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.74	72		25	120
			2-Chlorophenol-d4	40	27.20	68		20	130
			4-Methylphenol-d8	40	28.00	70		25	125
			Nitrobenzene-d5	40	27.75	69		20	125
			2-Nitrophenol-d4	40	28.22	71		20	130
			2,4-Dichlorophenol-d3	40	25.96	65		20	120
			4-Chloroaniline-d4	40	26.86	67		1	146
			Dimethylphthalate-d6	40	26.86	67		25	130
			Acenaphthylene-d8	40	26.46	66		10	130
			4-Nitrophenol-d4	40	24.72	62		10	150
			Fluorene-d10	40	25.64	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.28	58		10	130
			Anthracene-d10	40	27.00	67		25	130
			Pyrene-d10	40	28.57	71		15	130
			Benzo(a)pyrene-d12	40	26.50	66		20	130

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-06	F7E08	BM046997.D	1,4-Dioxane-d8	8	1.84	23		15	120
			Pyridine-d5	40	10.60	27		20	120
			Phenol-d5	40	15.75	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.28	38		10	150
			2-Chlorophenol-d4	40	14.75	37		15	120
			4-Methylphenol-d8	40	16.61	42		10	140
			Nitrobenzene-d5	40	14.71	37		10	135
			2-Nitrophenol-d4	40	15.43	39		10	120
			2,4-Dichlorophenol-d3	40	15.37	38		10	140
			4-Chloroaniline-d4	40	14.08	35		1	145
			Dimethylphthalate-d6	40	16.31	41		10	145
			Acenaphthylene-d8	40	16.39	41		15	120
			4-Nitrophenol-d4	40	14.60	36		10	150
			Fluorene-d10	40	16.28	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.96	27		10	130
			Anthracene-d10	40	16.00	40		10	150
			Pyrene-d10	40	17.22	43		10	130
			Benzo(a)pyrene-d12	40	16.91	42		10	140
P3329-08	F7E13	BM046998.D	1,4-Dioxane-d8	8	2.48	31		15	120
			Pyridine-d5	40	14.68	37		20	120
			Phenol-d5	40	16.90	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.19	43		10	150
			2-Chlorophenol-d4	40	16.64	42		15	120
			4-Methylphenol-d8	40	17.68	44		10	140
			Nitrobenzene-d5	40	17.20	43		10	135
			2-Nitrophenol-d4	40	17.62	44		10	120
			2,4-Dichlorophenol-d3	40	16.78	42		10	140
			4-Chloroaniline-d4	40	16.80	42		1	145
			Dimethylphthalate-d6	40	18.18	45		10	145
			Acenaphthylene-d8	40	18.40	46		15	120
			4-Nitrophenol-d4	40	15.02	38		10	150
			Fluorene-d10	40	18.46	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.01	30		10	130
			Anthracene-d10	40	17.41	44		10	150
			Pyrene-d10	40	18.78	47		10	130
			Benzo(a)pyrene-d12	40	18.72	47		10	140
P3329-09	F7E14	BM047003.D	1,4-Dioxane-d8	8	2.86	36		15	120
			Pyridine-d5	40	14.24	36		20	120
			Phenol-d5	40	20.01	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.46	49		10	150
			2-Chlorophenol-d4	40	18.91	47		15	120
			4-Methylphenol-d8	40	20.58	51		10	140
			Nitrobenzene-d5	40	22.59	56		10	135
			2-Nitrophenol-d4	40	22.43	56		10	120
			2,4-Dichlorophenol-d3	40	20.50	51		10	140
			4-Chloroaniline-d4	40	20.77	52		1	145
			Dimethylphthalate-d6	40	21.26	53		10	145
			Acenaphthylene-d8	40	21.27	53		15	120
			4-Nitrophenol-d4	40	18.85	47		10	150

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-09	F7E14	BM047003.D	Fluorene-d10	40	21.24	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.55	41		10	130
			Anthracene-d10	40	21.59	54		10	150
			Pyrene-d10	40	19.72	49		10	130
			Benzo(a)pyrene-d12	40	21.74	54		10	140
P3329-10	F7E15	BM047004.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Pyridine-d5	40	14.90	37		20	120
			Phenol-d5	40	19.16	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.26	48		10	150
			2-Chlorophenol-d4	40	18.55	46		15	120
			4-Methylphenol-d8	40	19.34	48		10	140
			Nitrobenzene-d5	40	18.84	47		10	135
			2-Nitrophenol-d4	40	18.78	47		10	120
			2,4-Dichlorophenol-d3	40	18.03	45		10	140
			4-Chloroaniline-d4	40	18.61	47		1	145
			Dimethylphthalate-d6	40	20.02	50		10	145
			Acenaphthylene-d8	40	19.88	50		15	120
			4-Nitrophenol-d4	40	16.82	42		10	150
			Fluorene-d10	40	19.78	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.68	37		10	130
			Anthracene-d10	40	20.35	51		10	150
			Pyrene-d10	40	20.01	50		10	130
			Benzo(a)pyrene-d12	40	20.34	51		10	140
P3329-11	F7E16	BM047005.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Pyridine-d5	40	17.20	43		20	120
			Phenol-d5	40	21.86	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.96	55		10	150
			2-Chlorophenol-d4	40	21.07	53		15	120
			4-Methylphenol-d8	40	21.94	55		10	140
			Nitrobenzene-d5	40	22.24	56		10	135
			2-Nitrophenol-d4	40	22.27	56		10	120
			2,4-Dichlorophenol-d3	40	20.96	52		10	140
			4-Chloroaniline-d4	40	21.55	54		1	145
			Dimethylphthalate-d6	40	23.28	58		10	145
			Acenaphthylene-d8	40	22.63	57		15	120
			4-Nitrophenol-d4	40	19.76	49		10	150
			Fluorene-d10	40	22.57	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.99	45		10	130
			Anthracene-d10	40	23.69	59		10	150
			Pyrene-d10	40	22.95	57		10	130
			Benzo(a)pyrene-d12	40	24.02	60		10	140
P3329-13	F7E21	BM046999.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Pyridine-d5	40	19.97	50		20	120
			Phenol-d5	40	26.66	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.30	66		10	150
			2-Chlorophenol-d4	40	25.57	64		15	120
			4-Methylphenol-d8	40	26.76	67		10	140
			Nitrobenzene-d5	40	25.99	65		10	135
			2-Nitrophenol-d4	40	27.23	68		10	120

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-13	F7E21	BM046999.D	2,4-Dichlorophenol-d3	40	25.72	64		10	140
			4-Chloroaniline-d4	40	26.36	66		1	145
			Dimethylphthalate-d6	40	28.42	71		10	145
			Acenaphthylene-d8	40	28.07	70		15	120
			4-Nitrophenol-d4	40	23.98	60		10	150
			Fluorene-d10	40	27.47	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.84	55		10	130
			Anthracene-d10	40	28.63	72		10	150
			Pyrene-d10	40	29.18	73		10	130
			Benzo(a)pyrene-d12	40	29.00	73		10	140
P3329-14	F7E22	BM047000.D	1,4-Dioxane-d8	8	3.80	47		15	120
			Pyridine-d5	40	18.03	45		20	120
			Phenol-d5	40	21.56	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.67	54		10	150
			2-Chlorophenol-d4	40	21.19	53		15	120
			4-Methylphenol-d8	40	21.25	53		10	140
			Nitrobenzene-d5	40	21.71	54		10	135
			2-Nitrophenol-d4	40	21.94	55		10	120
			2,4-Dichlorophenol-d3	40	20.40	51		10	140
			4-Chloroaniline-d4	40	21.05	53		1	145
			Dimethylphthalate-d6	40	22.12	55		10	145
			Acenaphthylene-d8	40	22.01	55		15	120
			4-Nitrophenol-d4	40	18.40	46		10	150
			Fluorene-d10	40	21.38	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.19	43		10	130
			Anthracene-d10	40	22.24	56		10	150
			Pyrene-d10	40	21.89	55		10	130
			Benzo(a)pyrene-d12	40	22.19	55		10	140
P3329-15	F7E23	BM047001.D	1,4-Dioxane-d8	8	2.67	33		15	120
			Pyridine-d5	40	13.61	34		20	120
			Phenol-d5	40	16.30	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.26	41		10	150
			2-Chlorophenol-d4	40	16.48	41		15	120
			4-Methylphenol-d8	40	15.81	40		10	140
			Nitrobenzene-d5	40	16.30	41		10	135
			2-Nitrophenol-d4	40	16.14	40		10	120
			2,4-Dichlorophenol-d3	40	16.17	40		10	140
			4-Chloroaniline-d4	40	16.15	40		1	145
			Dimethylphthalate-d6	40	17.34	43		10	145
			Acenaphthylene-d8	40	17.11	43		15	120
			4-Nitrophenol-d4	40	13.54	34		10	150
			Fluorene-d10	40	16.29	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.76	32		10	130
			Anthracene-d10	40	17.54	44		10	150
			Pyrene-d10	40	17.36	43		10	130
			Benzo(a)pyrene-d12	40	17.64	44		10	140
P3329-16	F7E24	BM047002.D	1,4-Dioxane-d8	8	2.61	33		15	120
			Pyridine-d5	40	15.67	39		20	120
			Phenol-d5	40	18.37	46		10	130

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-16	F7E24	BM047002.D	Bis(2-Chloroethyl)ether-d8	40	18.88	47		10	150
			2-Chlorophenol-d4	40	18.48	46		15	120
			4-Methylphenol-d8	40	18.11	45		10	140
			Nitrobenzene-d5	40	18.71	47		10	135
			2-Nitrophenol-d4	40	18.53	46		10	120
			2,4-Dichlorophenol-d3	40	17.65	44		10	140
			4-Chloroaniline-d4	40	18.31	46		1	145
			Dimethylphthalate-d6	40	19.18	48		10	145
			Acenaphthylene-d8	40	19.20	48		15	120
			4-Nitrophenol-d4	40	15.82	40		10	150
			Fluorene-d10	40	18.62	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.19	35		10	130
			Anthracene-d10	40	19.28	48		10	150
			Pyrene-d10	40	19.33	48		10	130
			Benzo(a)pyrene-d12	40	18.80	47		10	140
P3329-18	F7E26	BM047006.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Pyridine-d5	40	15.58	39		20	120
			Phenol-d5	40	19.13	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.61	49		10	150
			2-Chlorophenol-d4	40	19.22	48		15	120
			4-Methylphenol-d8	40	19.59	49		10	140
			Nitrobenzene-d5	40	20.00	50		10	135
			2-Nitrophenol-d4	40	20.45	51		10	120
			2,4-Dichlorophenol-d3	40	18.86	47		10	140
			4-Chloroaniline-d4	40	19.16	48		1	145
			Dimethylphthalate-d6	40	20.45	51		10	145
			Acenaphthylene-d8	40	19.98	50		15	120
			4-Nitrophenol-d4	40	16.19	40		10	150
			Fluorene-d10	40	19.46	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.32	38		10	130
			Anthracene-d10	40	20.00	50		10	150
			Pyrene-d10	40	19.65	49		10	130
PB162219BL	PB162219BL	BM046996.D	Benzo(a)pyrene-d12	40	19.61	49		10	140
			Pyridine-d5	40	25.70	64		20	120
			1,4-Dioxane-d8	8	4.56	57		15	120
			Phenol-d5	40	27.65	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.11	68		10	150
			2-Chlorophenol-d4	40	26.41	66		15	120
			4-Methylphenol-d8	40	26.97	67		10	140
			Nitrobenzene-d5	40	28.11	70		10	135
			2-Nitrophenol-d4	40	28.98	72		10	120
			2,4-Dichlorophenol-d3	40	26.82	67		10	140
			4-Chloroaniline-d4	40	26.62	67		1	145
			Dimethylphthalate-d6	40	28.32	71		10	145
			Acenaphthylene-d8	40	27.61	69		15	120
			4-Nitrophenol-d4	40	25.74	64		10	150
			Fluorene-d10	40	28.88	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.01	60		10	130
			Anthracene-d10	40	28.01	70		10	150

Surrogate Summary

SW-846

SDG No.: BM080524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162219BL	PB162219BL	BM046996.D	Pyrene-d10	40	28.75	72		10	130
			Benzo(a)pyrene-d12	40	28.10	70		10	140

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3276-15	E20J4	BM046990.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.94	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.43	44		10	150
			2-Chlorophenol-d4	40	13.23	33		15	120
			4-Methylphenol-d8	40	13.94	35		10	140
			Nitrobenzene-d5	40	16.74	42		10	135
			2-Nitrophenol-d4	40	11.39	28		10	120
			2,4-Dichlorophenol-d3	40	11.56	29		10	140
			4-Chloroaniline-d4	40	14.17	35		1	145
			Dimethylphthalate-d6	40	16.63	42		10	145
			Acenaphthylene-d8	40	17.00	43		15	120
			4-Nitrophenol-d4	40	1.41	4	*	10	150
			Fluorene-d10	40	16.64	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.43	4	*	10	130
			Anthracene-d10	40	17.19	43		10	150
			Pyrene-d10	40	15.34	38		10	130
			Benzo(a)pyrene-d12	40	11.81	30		10	140

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3382-01	E20R1	BM047014.D	1,4-Dioxane-d8	8	1.52	19		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.33	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.87	25		10	150
			2-Chlorophenol-d4	40	9.30	23		15	120
			4-Methylphenol-d8	40	6.65	17		10	140
			Nitrobenzene-d5	40	9.53	24		10	135
			2-Nitrophenol-d4	40	8.60	21		10	120
			2,4-Dichlorophenol-d3	40	8.45	21		10	140
			4-Chloroaniline-d4	40	6.22	16		1	145
			Dimethylphthalate-d6	40	10.51	26		10	145
			Acenaphthylene-d8	40	10.41	26		15	120
			4-Nitrophenol-d4	40	0.36	1	*	10	150
			Fluorene-d10	40	11.15	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.24	1	*	10	130
			Anthracene-d10	40	11.31	28		10	150
			Pyrene-d10	40	9.20	23		10	130
			Benzo(a)pyrene-d12	40	6.15	15		10	140
P3382-02	E20R8	BM047015.D	1,4-Dioxane-d8	8	1.42	18		15	120
			Pyridine-d5	40	1.07	3	*	20	120
			Phenol-d5	40	10.92	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.44	26		10	150
			2-Chlorophenol-d4	40	10.58	26		15	120
			4-Methylphenol-d8	40	10.23	26		10	140
			Nitrobenzene-d5	40	10.03	25		10	135
			2-Nitrophenol-d4	40	10.51	26		10	120
			2,4-Dichlorophenol-d3	40	10.74	27		10	140
			4-Chloroaniline-d4	40	9.23	23		1	145
			Dimethylphthalate-d6	40	10.50	26		10	145
			Acenaphthylene-d8	40	10.80	27		15	120
			4-Nitrophenol-d4	40	8.46	21		10	150
			Fluorene-d10	40	11.04	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.64	17		10	130
			Anthracene-d10	40	10.62	27		10	150
			Pyrene-d10	40	10.05	25		10	130
			Benzo(a)pyrene-d12	40	7.05	18		10	140
P3382-03	E20R9	BM047016.D	1,4-Dioxane-d8	8	2.63	33		15	120
			Pyridine-d5	40	13.83	35		20	120
			Phenol-d5	40	18.43	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.92	45		10	150
			2-Chlorophenol-d4	40	17.61	44		15	120
			4-Methylphenol-d8	40	19.14	48		10	140
			Nitrobenzene-d5	40	18.77	47		10	135
			2-Nitrophenol-d4	40	19.58	49		10	120
			2,4-Dichlorophenol-d3	40	18.61	47		10	140
			4-Chloroaniline-d4	40	19.22	48		1	145
			Dimethylphthalate-d6	40	19.59	49		10	145
			Acenaphthylene-d8	40	19.92	50		15	120
			4-Nitrophenol-d4	40	16.83	42		10	150

Surrogate Summary

SW-846

SDG No.: BM080524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3382-03	E20R9	BM047016.D	Fluorene-d10	40	19.65	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.91	37		10	130
			Anthracene-d10	40	19.99	50		10	150
			Pyrene-d10	40	21.00	53		10	130
			Benzo(a)pyrene-d12	40	20.48	51		10	140
PB162381BL	PB162381BL	BM047012.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	24.64	62		20	120
			Phenol-d5	40	25.32	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.84	65		10	150
			2-Chlorophenol-d4	40	24.65	62		15	120
			4-Methylphenol-d8	40	24.50	61		10	140
			Nitrobenzene-d5	40	25.36	63		10	135
			2-Nitrophenol-d4	40	24.86	62		10	120
			2,4-Dichlorophenol-d3	40	23.36	58		10	140
			4-Chloroaniline-d4	40	25.08	63		1	145
			Dimethylphthalate-d6	40	25.29	63		10	145
			Acenaphthylene-d8	40	24.91	62		15	120
			4-Nitrophenol-d4	40	22.93	57		10	150
			Fluorene-d10	40	24.15	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.79	47		10	130
			Anthracene-d10	40	25.81	65		10	150
			Pyrene-d10	40	26.14	65		10	130
			Benzo(a)pyrene-d12	40	24.58	61		10	140

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3171-01	DCVT0	BM046987.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	29.55	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.59	76		10	150
			2-Chlorophenol-d4	40	28.79	72		15	120
			4-Methylphenol-d8	40	31.58	79		10	140
			Nitrobenzene-d5	40	30.53	76		10	135
			2-Nitrophenol-d4	40	30.44	76		10	120
			2,4-Dichlorophenol-d3	40	35.28	88		10	140
			4-Chloroaniline-d4	40	21.86	55		1	145
			Dimethylphthalate-d6	40	35.59	89		10	145
			Acenaphthylene-d8	40	33.91	85		15	120
			4-Nitrophenol-d4	40	31.86	80		10	150
			Fluorene-d10	40	35.92	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.41	71		10	130
			Anthracene-d10	40	38.21	96		10	150
			Pyrene-d10	40	41.65	104		10	130
			Benzo(a)pyrene-d12	40	40.28	101		10	140
P3171-01DL	DCVT0DL	BM046988.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	29.80	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.78	77		10	150
			2-Chlorophenol-d4	40	28.98	72		15	120
			4-Methylphenol-d8	40	29.42	74		10	140
			Nitrobenzene-d5	40	29.42	74		10	135
			2-Nitrophenol-d4	40	27.57	69		10	120
			2,4-Dichlorophenol-d3	40	35.28	88		10	140
			4-Chloroaniline-d4	40	22.76	57		1	145
			Dimethylphthalate-d6	40	36.00	90		10	145
			Acenaphthylene-d8	40	35.37	88		15	120
			4-Nitrophenol-d4	40	29.83	75		10	150
			Fluorene-d10	40	36.52	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.10	60		10	130
			Anthracene-d10	40	38.27	96		10	150
			Pyrene-d10	40	42.26	106		10	130
			Benzo(a)pyrene-d12	40	39.25	98		10	140
P3171-03	DCVW7	BM047007.D	1,4-Dioxane-d8	8	3.57	45		15	120
			Pyridine-d5	40	19.03	48		20	120
			Phenol-d5	40	24.59	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.51	64		10	150
			2-Chlorophenol-d4	40	24.38	61		15	120
			4-Methylphenol-d8	40	25.72	64		10	140
			Nitrobenzene-d5	40	24.76	62		10	135
			2-Nitrophenol-d4	40	25.56	64		10	120
			2,4-Dichlorophenol-d3	40	24.12	60		10	140
			4-Chloroaniline-d4	40	25.56	64		1	145
			Dimethylphthalate-d6	40	26.55	66		10	145
			Acenaphthylene-d8	40	26.90	67		15	120
			4-Nitrophenol-d4	40	22.57	56		10	150

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3171-03	DCVW7	BM047007.D	Fluorene-d10	40	27.28	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.32	51		10	130
			Anthracene-d10	40	27.06	68		10	150
			Pyrene-d10	40	27.84	70		10	130
			Benzo(a)pyrene-d12	40	28.34	71		10	140
P3171-04	DCVW8	BM046993.D	1,4-Dioxane-d8	8	2.92	37		15	120
			Pyridine-d5	40	11.56	29		20	120
			Phenol-d5	40	22.32	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.16	53		10	150
			2-Chlorophenol-d4	40	21.54	54		15	120
			4-Methylphenol-d8	40	22.95	57		10	140
			Nitrobenzene-d5	40	21.86	55		10	135
			2-Nitrophenol-d4	40	23.17	58		10	120
			2,4-Dichlorophenol-d3	40	22.11	55		10	140
			4-Chloroaniline-d4	40	21.71	54		1	145
			Dimethylphthalate-d6	40	24.72	62		10	145
			Acenaphthylene-d8	40	24.00	60		15	120
			4-Nitrophenol-d4	40	20.86	52		10	150
			Fluorene-d10	40	24.31	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.01	48		10	130
			Anthracene-d10	40	25.18	63		10	150
			Pyrene-d10	40	25.92	65		10	130
			Benzo(a)pyrene-d12	40	26.02	65		10	140
			1,4-Dioxane-d8	8	6.93	87		15	120
			Pyridine-d5	40	41.39	103		20	120
P3171-05	DCVW9	BM046991.D	Phenol-d5	40	47.57	119		10	130
			Bis(2-Chloroethyl)ether-d8	40	49.79	124		10	150
			2-Chlorophenol-d4	40	45.99	115		15	120
			4-Methylphenol-d8	40	46.98	117		10	140
			Nitrobenzene-d5	40	48.06	120		10	135
			2-Nitrophenol-d4	40	50.41	126	*	10	120
			2,4-Dichlorophenol-d3	40	48.61	122		10	140
			4-Chloroaniline-d4	40	29.85	75		1	145
			Dimethylphthalate-d6	40	46.40	116		10	145
			Acenaphthylene-d8	40	48.38	121	*	15	120
			4-Nitrophenol-d4	40	45.80	114		10	150
			Fluorene-d10	40	45.38	113		20	140
			4,6-Dinitro-2-methylphenol-d2	40	43.89	110		10	130
			Anthracene-d10	40	48.54	121		10	150
			Pyrene-d10	40	49.24	123		10	130
			Benzo(a)pyrene-d12	40	46.74	117		10	140
P3171-05DL	DCVW9DL	BM047009.D	1,4-Dioxane-d8	8	6.48	81		15	120
			Pyridine-d5	40	36.12	90		20	120
			Phenol-d5	40	43.38	108		10	130
			Bis(2-Chloroethyl)ether-d8	40	47.88	120		10	150
			2-Chlorophenol-d4	40	41.19	103		15	120
			4-Methylphenol-d8	40	43.59	109		10	140
			Nitrobenzene-d5	40	46.41	116		10	135
			2-Nitrophenol-d4	40	38.55	96		10	120

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3171-05DL	DCVW9DL	BM047009.D	2,4-Dichlorophenol-d3	40	41.16	103		10	140
			4-Chloroaniline-d4	40	39.03	98		1	145
			Dimethylphthalate-d6	40	47.40	119		10	145
			Acenaphthylene-d8	40	48.93	122	*	15	120
			4-Nitrophenol-d4	40	24.39	61		10	150
			Fluorene-d10	40	50.58	126		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.05	55		10	130
			Anthracene-d10	40	50.73	127		10	150
			Pyrene-d10	40	50.49	126		10	130
			Benzo(a)pyrene-d12	40	46.35	116		10	140
P3171-06MS	DCVW9MS	BM046992.D	1,4-Dioxane-d8	8	7.19	90		15	120
			Pyridine-d5	40	40.14	100		20	120
			Phenol-d5	40	47.86	120		10	130
			Bis(2-Chloroethyl)ether-d8	40	48.73	122		10	150
			2-Chlorophenol-d4	40	46.64	117		15	120
			4-Methylphenol-d8	40	47.41	119		10	140
			Nitrobenzene-d5	40	49.05	123		10	135
			2-Nitrophenol-d4	40	50.14	125	*	10	120
			2,4-Dichlorophenol-d3	40	50.72	127		10	140
			4-Chloroaniline-d4	40	44.18	110		1	145
			Dimethylphthalate-d6	40	45.76	114		10	145
			Acenaphthylene-d8	40	47.56	119		15	120
			4-Nitrophenol-d4	40	48.21	121		10	150
			Fluorene-d10	40	44.82	112		20	140
			4,6-Dinitro-2-methylphenol-d2	40	51.16	128		10	130
			Anthracene-d10	40	46.60	116		10	150
			Pyrene-d10	40	48.67	122		10	130
			Benzo(a)pyrene-d12	40	47.14	118		10	140
P3171-07MSD	DCVW9MSD	BM046994.D	1,4-Dioxane-d8	8	7.33	92		15	120
			Pyridine-d5	40	39.90	100		20	120
			Phenol-d5	40	47.62	119		10	130
			Bis(2-Chloroethyl)ether-d8	40	50.20	126		10	150
			2-Chlorophenol-d4	40	47.04	118		15	120
			4-Methylphenol-d8	40	47.52	119		10	140
			Nitrobenzene-d5	40	47.59	119		10	135
			2-Nitrophenol-d4	40	49.75	124	*	10	120
			2,4-Dichlorophenol-d3	40	50.32	126		10	140
			4-Chloroaniline-d4	40	36.85	92		1	145
			Dimethylphthalate-d6	40	45.65	114		10	145
			Acenaphthylene-d8	40	47.41	119		15	120
			4-Nitrophenol-d4	40	47.69	119		10	150
			Fluorene-d10	40	45.04	113		20	140
			4,6-Dinitro-2-methylphenol-d2	40	50.85	127		10	130
			Anthracene-d10	40	46.85	117		10	150
			Pyrene-d10	40	48.56	121		10	130
			Benzo(a)pyrene-d12	40	47.04	118		10	140
P3171-10	DCVX2	BM046989.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Pyridine-d5	40	24.98	62		20	120
			Phenol-d5	40	29.64	74		10	130

Surrogate Summary

SW-846

SDG No.: **BM080524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3171-10	DCVX2	BM046989.D	Bis(2-Chloroethyl)ether-d8	40	28.29	71		10	150
			2-Chlorophenol-d4	40	27.61	69		15	120
			4-Methylphenol-d8	40	31.36	78		10	140
			Nitrobenzene-d5	40	28.94	72		10	135
			2-Nitrophenol-d4	40	30.63	77		10	120
			2,4-Dichlorophenol-d3	40	29.90	75		10	140
			4-Chloroaniline-d4	40	31.49	79		1	145
			Dimethylphthalate-d6	40	36.77	92		10	145
			Acenaphthylene-d8	40	34.44	86		15	120
			4-Nitrophenol-d4	40	28.01	70		10	150
			Fluorene-d10	40	34.84	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.31	66		10	130
			Anthracene-d10	40	37.77	94		10	150
			Pyrene-d10	40	39.00	98		10	130
			Benzo(a)pyrene-d12	40	39.34	98		10	140
P3171-11	DCVX4	BM047013.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Pyridine-d5	40	21.67	54		20	120
			Phenol-d5	40	23.10	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.35	61		10	150
			2-Chlorophenol-d4	40	22.53	56		15	120
			4-Methylphenol-d8	40	23.97	60		10	140
			Nitrobenzene-d5	40	22.65	57		10	135
			2-Nitrophenol-d4	40	23.04	58		10	120
			2,4-Dichlorophenol-d3	40	22.54	56		10	140
			4-Chloroaniline-d4	40	23.65	59		1	145
			Dimethylphthalate-d6	40	24.22	61		10	145
			Acenaphthylene-d8	40	24.75	62		15	120
			4-Nitrophenol-d4	40	16.85	42		10	150
			Fluorene-d10	40	25.13	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.65	39		10	130
			Anthracene-d10	40	25.38	63		10	150
			Pyrene-d10	40	25.59	64		10	130
P3171-12	DCVX5	BM047008.D	Benzo(a)pyrene-d12	40	25.78	64		10	140
			1,4-Dioxane-d8	8	5.97	75		15	120
			Pyridine-d5	40	17.66	44		20	120
			Phenol-d5	40	36.52	91		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.30	96		10	150
			2-Chlorophenol-d4	40	35.81	90		15	120
			4-Methylphenol-d8	40	38.73	97		10	140
			Nitrobenzene-d5	40	38.11	95		10	135
			2-Nitrophenol-d4	40	40.52	101		10	120
			2,4-Dichlorophenol-d3	40	38.45	96		10	140
			4-Chloroaniline-d4	40	37.22	93		1	145
			Dimethylphthalate-d6	40	37.99	95		10	145
			Acenaphthylene-d8	40	38.95	97		15	120
			4-Nitrophenol-d4	40	33.15	83		10	150
			Fluorene-d10	40	37.47	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.32	88		10	130
			Anthracene-d10	40	39.57	99		10	150

Surrogate Summary

SW-846

SDG No.: BM080524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3171-12	DCVX5	BM047008.D	Pyrene-d10	40	39.84	100		10	130
			Benzo(a)pyrene-d12	40	39.83	100		10	140
PB162449BL	PB162449BL	BM046986.D	Pyridine-d5	40	30.63	77		20	120
			1,4-Dioxane-d8	8	6.30	79		15	120
			Phenol-d5	40	31.20	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.63	79		10	150
			2-Chlorophenol-d4	40	29.53	74		15	120
			4-Methylphenol-d8	40	30.32	76		10	140
			Nitrobenzene-d5	40	31.11	78		10	135
			2-Nitrophenol-d4	40	30.63	77		10	120
			2,4-Dichlorophenol-d3	40	28.70	72		10	140
			4-Chloroaniline-d4	40	30.19	75		1	145
			Dimethylphthalate-d6	40	31.33	78		10	145
			Acenaphthylene-d8	40	31.28	78		15	120
			4-Nitrophenol-d4	40	26.52	66		10	150
			Fluorene-d10	40	30.10	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.52	66		10	130
			Anthracene-d10	40	31.51	79		10	150
			Pyrene-d10	40	32.87	82		10	130
			Benzo(a)pyrene-d12	40	31.11	78		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM080524

Lab Code: CHEM

SAS No.: BM080524 SDG NO.: BM080524

Lab File ID: BM046984.D

DFTPP Injection Date: 08/05/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	44.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	9.1
442	Greater than 50% of mass 198	60.5
443	15.0 - 24.0% of mass 442	12.1 (19.9) 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
SSTD020127	SSTDCCC020	BM046985.D	08/05/2024	09:08
SBLK449	PB162449BL	BM046986.D	08/05/2024	09:47
DCVT0	P3171-01	BM046987.D	08/05/2024	10:27
DCVT0DL	P3171-01DL	BM046988.D	08/05/2024	11:32
DCVX2	P3171-10	BM046989.D	08/05/2024	12:18
E20J4	P3276-15	BM046990.D	08/05/2024	12:59
DCVW9	P3171-05	BM046991.D	08/05/2024	13:40
DCVW9MS	P3171-06MS	BM046992.D	08/05/2024	14:21
DCVW8	P3171-04	BM046993.D	08/05/2024	15:43
DCVW9MSD	P3171-07MSD	BM046994.D	08/05/2024	16:25
SSTD020128	SSTDCCC020	BM046995.D	08/05/2024	17:06
SBLK219	PB162219BL	BM046996.D	08/05/2024	17:48
F7E08	P3329-06	BM046997.D	08/05/2024	18:30
F7E13	P3329-08	BM046998.D	08/05/2024	19:12
F7E21	P3329-13	BM046999.D	08/05/2024	19:54
F7E22	P3329-14	BM047000.D	08/05/2024	20:35
F7E23	P3329-15	BM047001.D	08/05/2024	21:17
F7E24	P3329-16	BM047002.D	08/05/2024	21:59

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM080524

Lab Code: CHEM

SAS No.: BM080524 SDG NO.: BM080524

Lab File ID: BM046984.D

DFTPP Injection Date: 08/05/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	44.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	9.1
442	Greater than 50% of mass 198	60.5
443	15.0 - 24.0% of mass 442	12.1 (19.9) 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
F7E14	P3329-09	BM047003.D	08/05/2024	22:40
F7E15	P3329-10	BM047004.D	08/05/2024	23:21
F7E16	P3329-11	BM047005.D	08/06/2024	00:03
F7E26	P3329-18	BM047006.D	08/06/2024	00:44
DCVW7	P3171-03	BM047007.D	08/06/2024	01:25
DCVX5	P3171-12	BM047008.D	08/06/2024	02:06
DCVW9DL	P3171-05DL	BM047009.D	08/06/2024	02:47
SSTD020129	SSTDCCC020	BM047010.D	08/06/2024	04:09
SBLK175	PB162175BL	BM047011.D	08/06/2024	04:50
SBLK381	PB162381BL	BM047012.D	08/06/2024	05:30
DCVX4	P3171-11	BM047013.D	08/06/2024	06:11
E20R1	P3382-01	BM047014.D	08/06/2024	06:52
E20R8	P3382-02	BM047015.D	08/06/2024	07:32
E20R9	P3382-03	BM047016.D	08/06/2024	08:13