

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/21/2025 1:16:26

Lab File ID: BM049367.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020067 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.530	0.591	0.010	11.5479	40.0
Benzaldehyde	0.905	1.043	0.010	15.2315	40.0
Pyridine	1.556	1.641	0.010	5.4986	40.0
Phenol	1.746	1.706	0.080	-2.2554	20.0
Bis(2-Chloroethyl)ether	1.421	1.416	0.100	-0.373	20.0
2-Chlorophenol	1.335	1.350	0.200	1.1582	20.0
2-Methylphenol	1.275	1.173	0.010	-8.0001	20.0
2,2-oxybis(1-Chloropropane)	2.130	2.286	0.010	7.3131	40.0
Acetophenone	2.126	2.043	0.060	-3.8981	20.0
4-Methylphenol	1.397	1.285	0.010	-8.0264	20.0
N-Nitroso-di-n-propylamine	1.148	1.095	0.050	-4.6468	30.0
Hexachloroethane	0.574	0.588	0.100	2.4525	20.0
Nitrobenzene	0.395	0.420	0.050	6.3612	25.0
Isophorone	0.768	0.721	0.050	-6.0408	25.0
2-Nitrophenol	0.187	0.182	0.050	-2.6444	25.0
2,4-Dimethylphenol	0.351	0.352	0.050	0.3026	25.0
Bis(2-Chloroethoxy)methane	0.472	0.475	0.050	0.7263	20.0
2,4-Dichlorophenol	0.347	0.348	0.060	0.2968	20.0
Naphthalene	1.061	1.087	0.200	2.4546	20.0
4-Chloroaniline	0.437	0.412	0.010	-5.6118	40.0
Hexachlorobutadiene	0.247	0.270	0.040	9.2964	30.0
Caprolactam	0.103	0.082	0.010	-20.2522	40.0
4-Chloro-3-methylphenol	0.324	0.300	0.040	-7.3073	25.0
1-Methylnaphthalene	0.756	0.742	0.100	-1.8787	20.0
2-Methylnaphthalene	0.760	0.749	0.100	-1.4328	20.0
Hexachlorocyclopentadiene	0.415	0.424	0.010	2.1799	40.0
2,4,6-Trichlorophenol	0.426	0.429	0.090	0.8209	25.0
2,4,5-Trichlorophenol	0.456	0.458	0.100	0.2511	25.0
1,1-Biphenyl	1.464	1.527	0.200	4.3071	20.0
2-Chloronaphthalene	1.171	1.259	0.300	7.5236	20.0
2-Nitroaniline	0.309	0.308	0.050	-0.387	40.0
Dimethylphthalate	1.473	1.457	0.300	-1.064	20.0
2,6-Dinitrotoluene	0.275	0.264	0.080	-3.8101	30.0
Acenaphthylene	1.742	1.823	0.400	4.6309	20.0
3-Nitroaniline	0.270	0.234	0.010	-13.1825	40.0
Acenaphthene	1.245	1.315	0.200	5.6437	20.0
2,4-Dinitrophenol	0.172	0.118	0.010	-31.573	40.0
4-Nitrophenol	0.182	0.146	0.010	-19.7238	40.0
Dibenzofuran	1.768	1.879	0.300	6.3011	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/21/2025 1:16:26

Lab File ID: BM049367.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020067 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.408	0.389	0.070	-4.4773	30.0
Diethylphthalate	1.435	1.415	0.300	-1.3841	20.0
Fluorene	1.444	1.599	0.200	10.7486	20.0
4-Chlorophenyl-phenylether	0.787	0.865	0.100	9.953	20.0
4-Nitroaniline	0.243	0.226	0.010	-6.6172	40.0
4,6-Dinitro-2-methylphenol	0.139	0.123	0.010	-11.4387	40.0
N-Nitrosodiphenylamine	0.593	0.618	0.050	4.177	20.0
1,2,4,5-Tetrachlorobenzene	0.692	0.748	0.100	8.0105	20.0
4-Bromophenyl-phenylether	0.227	0.232	0.070	2.0775	20.0
Hexachlorobenzene	0.264	0.267	0.050	0.9024	25.0
Atrazine	0.243	0.232	0.010	-4.2402	25.0
Pentachlorophenol	0.175	0.147	0.010	-16.2522	40.0
Phenanthrene	1.112	1.165	0.200	4.7987	20.0
Pentachlorobenzene	0.334	0.361	0.050	8.3286	20.0
Anthracene	1.116	1.187	0.200	6.3738	20.0
1,2,3,4-Tetrachlorobenzene	0.334	0.366	0.050	9.5377	20.0
Carbazole	0.990	0.975	0.050	-1.5186	40.0
Di-n-butylphthalate	1.213	1.165	0.500	-4.0101	25.0
Fluoranthene	1.399	1.397	0.400	-0.0936	25.0
Pyrene	1.489	1.532	0.400	2.9026	25.0
Butylbenzylphthalate	0.527	0.474	0.100	-10.0829	40.0
3,3-Dichlorobenzidine	0.375	0.317	0.010	-15.2622	40.0
Benzo (a) anthracene	1.394	1.426	0.300	2.2996	30.0
Chrysene	1.272	1.318	0.200	3.6039	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.719	0.200	-8.3003	40.0
Di-n-octyl phthalate	1.457	1.136	0.010	-22.0491	40.0
Benzo (b) fluoranthene	1.339	1.319	0.200	-1.4919	25.0
Benzo (k) fluoranthene	1.335	1.356	0.200	1.6199	25.0
Benzo (a) pyrene	1.209	1.237	0.200	2.3403	20.0
Indeno (1,2,3-cd) pyrene	1.387	1.486	0.200	7.1671	25.0
Dibenzo (a,h) anthracene	1.130	1.215	0.200	7.5255	30.0
Benzo (g,h,i) perylene	1.035	1.146	0.200	10.7039	30.0
2,3,4,6-Tetrachlorophenol	0.386	0.379	0.040	-1.7634	20.0
1,4-Dioxane-d8	0.483	0.542	0.010	12.0539	25.0
Pyridine-d5	1.539	1.598	0.010	3.8207	40.0
Phenol-d5	1.679	1.602	0.010	-4.5821	25.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.161	0.050	3.8487	25.0
2-Chlorophenol-d4	1.284	1.290	0.200	0.4682	20.0
4-Methylphenol-d8	1.302	1.182	0.010	-9.195	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/21/2025 1:16:26

Lab File ID: BM049367.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020067 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.153	0.050	0.4613	20.0
2-Nitrophenol-d4	0.170	0.159	0.050	-6.8905	30.0
2,4-Dichlorophenol-d3	0.348	0.343	0.060	-1.3003	20.0
4-Chloroaniline-d4	0.458	0.421	0.010	-8.0004	40.0
Dimethylphthalate-d6	1.489	1.465	0.300	-1.5733	20.0
Acenaphthylene-d8	1.699	1.768	0.400	4.0607	20.0
4-Nitrophenol-d4	0.247	0.197	0.010	-20.265	40.0
Fluorene-d10	1.286	1.352	0.100	5.1597	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.108	0.010	-15.5341	40.0
Anthracene-d10	0.989	1.042	0.300	5.4155	20.0
Pyrene-d10	1.217	1.221	0.300	0.3132	25.0
Benzo(a)pyrene-d12	1.074	1.079	0.010	0.5185	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.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:12:58

Lab File ID: BM049381.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020069 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.530	0.548	0.010	3.454	40.0
Benzaldehyde	0.905	1.065	0.010	17.6388	40.0
Pyridine	1.556	1.631	0.010	4.8267	40.0
Phenol	1.746	1.708	0.080	-2.1297	20.0
Bis(2-Chloroethyl)ether	1.421	1.433	0.100	0.7979	20.0
2-Chlorophenol	1.335	1.336	0.200	0.0947	20.0
2-Methylphenol	1.275	1.198	0.010	-6.0538	20.0
2,2-oxybis(1-Chloropropane)	2.130	2.393	0.010	12.3226	40.0
Acetophenone	2.126	2.152	0.060	1.228	20.0
4-Methylphenol	1.397	1.319	0.010	-5.5717	20.0
N-Nitroso-di-n-propylamine	1.148	1.179	0.050	2.6686	30.0
Hexachloroethane	0.574	0.590	0.100	2.8184	20.0
Nitrobenzene	0.395	0.418	0.050	5.7165	25.0
Isophorone	0.768	0.744	0.050	-3.0838	25.0
2-Nitrophenol	0.187	0.187	0.050	-0.1784	25.0
2,4-Dimethylphenol	0.351	0.352	0.050	0.467	25.0
Bis(2-Chloroethoxy)methane	0.472	0.485	0.050	2.7088	20.0
2,4-Dichlorophenol	0.347	0.348	0.060	0.4474	20.0
Naphthalene	1.061	1.092	0.200	2.8779	20.0
4-Chloroaniline	0.437	0.406	0.010	-7.0788	40.0
Hexachlorobutadiene	0.247	0.265	0.040	6.9655	30.0
Caprolactam	0.103	0.079	0.010	-23.8611	40.0
4-Chloro-3-methylphenol	0.324	0.304	0.040	-6.1672	25.0
1-Methylnaphthalene	0.756	0.755	0.100	-0.0887	20.0
2-Methylnaphthalene	0.760	0.762	0.100	0.2663	20.0
Hexachlorocyclopentadiene	0.415	0.425	0.010	2.2909	40.0
2,4,6-Trichlorophenol	0.426	0.438	0.090	2.8747	25.0
2,4,5-Trichlorophenol	0.456	0.468	0.100	2.5669	25.0
1,1-Biphenyl	1.464	1.595	0.200	8.9141	20.0
2-Chloronaphthalene	1.171	1.272	0.300	8.6152	20.0
2-Nitroaniline	0.309	0.311	0.050	0.6871	40.0
Dimethylphthalate	1.473	1.458	0.300	-0.9621	20.0
2,6-Dinitrotoluene	0.275	0.268	0.080	-2.5706	30.0
Acenaphthylene	1.742	1.820	0.400	4.4634	20.0
3-Nitroaniline	0.270	0.221	0.010	-18.0108	40.0
Acenaphthene	1.245	1.308	0.200	5.1054	20.0
2,4-Dinitrophenol	0.172	0.109	0.010	-36.7042	40.0
4-Nitrophenol	0.182	0.140	0.010	-23.0705	40.0
Dibenzofuran	1.768	1.840	0.300	4.0677	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:12:58

Lab File ID: BM049381.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020069 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.408	0.379	0.070	-7.0155	30.0
Diethylphthalate	1.435	1.372	0.300	-4.3759	20.0
Fluorene	1.444	1.538	0.200	6.5231	20.0
4-Chlorophenyl-phenylether	0.787	0.827	0.100	5.0473	20.0
4-Nitroaniline	0.243	0.190	0.010	-21.7024	40.0
4,6-Dinitro-2-methylphenol	0.139	0.126	0.010	-9.262	40.0
N-Nitrosodiphenylamine	0.593	0.646	0.050	8.9098	20.0
1,2,4,5-Tetrachlorobenzene	0.692	0.760	0.100	9.8347	20.0
4-Bromophenyl-phenylether	0.227	0.239	0.070	4.8922	20.0
Hexachlorobenzene	0.264	0.268	0.050	1.348	25.0
Atrazine	0.243	0.227	0.010	-6.4716	25.0
Pentachlorophenol	0.175	0.145	0.010	-17.4777	40.0
Phenanthrene	1.112	1.164	0.200	4.7235	20.0
Pentachlorobenzene	0.334	0.378	0.050	13.1978	20.0
Anthracene	1.116	1.163	0.200	4.2281	20.0
1,2,3,4-Tetrachlorobenzene	0.334	0.400	0.050	19.5271	20.0
Carbazole	0.990	0.955	0.050	-3.5518	40.0
Di-n-butylphthalate	1.213	1.115	0.500	-8.067	25.0
Fluoranthene	1.399	1.478	0.400	5.6736	25.0
Pyrene	1.489	1.598	0.400	7.3426	25.0
Butylbenzylphthalate	0.527	0.466	0.100	-11.5256	40.0
3,3-Dichlorobenzidine	0.375	0.297	0.010	-20.7551	40.0
Benzo (a) anthracene	1.394	1.431	0.300	2.6423	30.0
Chrysene	1.272	1.315	0.200	3.3305	30.0
Bis(2-ethylhexyl)phthalate	0.784	0.700	0.200	-10.742	40.0
Di-n-octyl phthalate	1.457	1.092	0.010	-25.0361	40.0
Benzo (b) fluoranthene	1.339	1.345	0.200	0.4713	25.0
Benzo (k) fluoranthene	1.335	1.365	0.200	2.2746	25.0
Benzo (a) pyrene	1.209	1.250	0.200	3.3685	20.0
Indeno (1,2,3-cd) pyrene	1.387	1.525	0.200	9.9805	25.0
Dibenzo (a,h) anthracene	1.130	1.226	0.200	8.515	30.0
Benzo (g,h,i) perylene	1.035	1.208	0.200	16.6782	30.0
2,3,4,6-Tetrachlorophenol	0.386	0.359	0.040	-6.7854	20.0
1,4-Dioxane-d8	0.483	0.502	0.010	3.8458	25.0
Pyridine-d5	1.539	1.565	0.010	1.6749	40.0
Phenol-d5	1.679	1.618	0.010	-3.6172	25.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.183	0.050	5.8612	25.0
2-Chlorophenol-d4	1.284	1.284	0.200	-0.0145	20.0
4-Methylphenol-d8	1.302	1.228	0.010	-5.6996	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:12:58

Lab File ID: BM049381.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020069 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.153	0.050	0.1297	20.0
2-Nitrophenol-d4	0.170	0.162	0.050	-5.1885	30.0
2,4-Dichlorophenol-d3	0.348	0.346	0.060	-0.5611	20.0
4-Chloroaniline-d4	0.458	0.420	0.010	-8.2228	40.0
Dimethylphthalate-d6	1.489	1.474	0.300	-0.98	20.0
Acenaphthylene-d8	1.699	1.766	0.400	3.9212	20.0
4-Nitrophenol-d4	0.247	0.180	0.010	-26.9625	40.0
Fluorene-d10	1.286	1.315	0.100	2.2569	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.111	0.010	-12.8575	40.0
Anthracene-d10	0.989	1.028	0.300	3.9904	20.0
Pyrene-d10	1.217	1.263	0.300	3.7776	25.0
Benzo(a)pyrene-d12	1.074	1.079	0.010	0.4846	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.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1: 23:20

Lab File ID: BM049395.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020070 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.530	0.573	0.010	8.1793	40.0
Benzaldehyde	0.905	1.052	0.010	16.2026	40.0
Pyridine	1.556	1.621	0.010	4.2126	40.0
Phenol	1.746	1.668	0.080	-4.461	20.0
Bis(2-Chloroethyl)ether	1.421	1.391	0.100	-2.1565	20.0
2-Chlorophenol	1.335	1.326	0.200	-0.6385	20.0
2-Methylphenol	1.275	1.178	0.010	-7.6463	20.0
2,2-oxybis(1-Chloropropane)	2.130	2.231	0.010	4.7221	40.0
Acetophenone	2.126	2.045	0.060	-3.8379	20.0
4-Methylphenol	1.397	1.282	0.010	-8.2519	20.0
N-Nitroso-di-n-propylamine	1.148	1.097	0.050	-4.5195	30.0
Hexachloroethane	0.574	0.594	0.100	3.58	20.0
Nitrobenzene	0.395	0.423	0.050	7.1375	25.0
Isophorone	0.768	0.740	0.050	-3.5549	25.0
2-Nitrophenol	0.187	0.187	0.050	-0.4181	25.0
2,4-Dimethylphenol	0.351	0.358	0.050	2.0402	25.0
Bis(2-Chloroethoxy)methane	0.472	0.468	0.050	-0.8049	20.0
2,4-Dichlorophenol	0.347	0.353	0.060	1.7969	20.0
Naphthalene	1.061	1.091	0.200	2.7768	20.0
4-Chloroaniline	0.437	0.413	0.010	-5.3668	40.0
Hexachlorobutadiene	0.247	0.263	0.040	6.1734	30.0
Caprolactam	0.103	0.116	0.010	12.0776	40.0
4-Chloro-3-methylphenol	0.324	0.306	0.040	-5.4539	25.0
1-Methylnaphthalene	0.756	0.745	0.100	-1.4375	20.0
2-Methylnaphthalene	0.760	0.752	0.100	-0.9383	20.0
Hexachlorocyclopentadiene	0.415	0.416	0.010	0.1197	40.0
2,4,6-Trichlorophenol	0.426	0.436	0.090	2.3817	25.0
2,4,5-Trichlorophenol	0.456	0.468	0.100	2.5787	25.0
1,1-Biphenyl	1.464	1.553	0.200	6.0629	20.0
2-Chloronaphthalene	1.171	1.249	0.300	6.6148	20.0
2-Nitroaniline	0.309	0.322	0.050	4.2951	40.0
Dimethylphthalate	1.473	1.476	0.300	0.2661	20.0
2,6-Dinitrotoluene	0.275	0.269	0.080	-1.9233	30.0
Acenaphthylene	1.742	1.819	0.400	4.4122	20.0
3-Nitroaniline	0.270	0.246	0.010	-8.8435	40.0
Acenaphthene	1.245	1.297	0.200	4.1659	20.0
2,4-Dinitrophenol	0.172	0.166	0.010	-3.4509	40.0
4-Nitrophenol	0.182	0.161	0.010	-11.5952	40.0
Dibenzofuran	1.768	1.845	0.300	4.3792	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1: 23:20

Lab File ID: BM049395.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020070 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.408	0.397	0.070	-2.6879	30.0
Diethylphthalate	1.435	1.413	0.300	-1.5654	20.0
Fluorene	1.444	1.514	0.200	4.8273	20.0
4-Chlorophenyl-phenylether	0.787	0.812	0.100	3.2111	20.0
4-Nitroaniline	0.243	0.226	0.010	-7.0023	40.0
4,6-Dinitro-2-methylphenol	0.139	0.125	0.010	-9.8269	40.0
N-Nitrosodiphenylamine	0.593	0.631	0.050	6.2705	20.0
1,2,4,5-Tetrachlorobenzene	0.692	0.743	0.100	7.3961	20.0
4-Bromophenyl-phenylether	0.227	0.236	0.070	3.8517	20.0
Hexachlorobenzene	0.264	0.272	0.050	2.9443	25.0
Atrazine	0.243	0.238	0.010	-2.089	25.0
Pentachlorophenol	0.175	0.153	0.010	-12.8499	40.0
Phenanthrene	1.112	1.160	0.200	4.3156	20.0
Pentachlorobenzene	0.334	0.361	0.050	8.2489	20.0
Anthracene	1.116	1.175	0.200	5.3244	20.0
1,2,3,4-Tetrachlorobenzene	0.334	0.378	0.050	12.9409	20.0
Carbazole	0.990	0.986	0.050	-0.4232	40.0
Di-n-butylphthalate	1.213	1.201	0.500	-0.9798	25.0
Fluoranthene	1.399	1.387	0.400	-0.8006	25.0
Pyrene	1.489	1.492	0.400	0.1998	25.0
Butylbenzylphthalate	0.527	0.494	0.100	-6.3417	40.0
3,3-Dichlorobenzidine	0.375	0.332	0.010	-11.3217	40.0
Benzo (a) anthracene	1.394	1.431	0.300	2.6854	30.0
Chrysene	1.272	1.318	0.200	3.575	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.743	0.200	-5.2805	40.0
Di-n-octyl phthalate	1.457	1.193	0.010	-18.1006	40.0
Benzo (b) fluoranthene	1.339	1.340	0.200	0.101	25.0
Benzo (k) fluoranthene	1.335	1.361	0.200	1.9696	25.0
Benzo (a) pyrene	1.209	1.240	0.200	2.5886	20.0
Indeno (1,2,3-cd) pyrene	1.387	1.524	0.200	9.8782	25.0
Dibenzo (a,h) anthracene	1.130	1.235	0.200	9.2844	30.0
Benzo (g,h,i) perylene	1.035	1.161	0.200	12.1607	30.0
2,3,4,6-Tetrachlorophenol	0.386	0.372	0.040	-3.5075	20.0
Pyridine-d5	1.539	1.576	0.010	2.3993	40.0
1,4-Dioxane-d8	0.483	0.544	0.010	12.4488	25.0
Phenol-d5	1.679	1.601	0.010	-4.6674	25.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.129	0.050	1.0164	25.0
2-Chlorophenol-d4	1.284	1.269	0.200	-1.2052	20.0
4-Methylphenol-d8	1.302	1.177	0.010	-9.5629	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1: 23:20

Lab File ID: BM049395.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020070 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.158	0.050	3.298	20.0
2-Nitrophenol-d4	0.170	0.166	0.050	-2.4726	30.0
2,4-Dichlorophenol-d3	0.348	0.351	0.060	0.9109	20.0
4-Chloroaniline-d4	0.458	0.424	0.010	-7.3329	40.0
Dimethylphthalate-d6	1.489	1.478	0.300	-0.7189	20.0
Acenaphthylene-d8	1.699	1.763	0.400	3.7261	20.0
4-Nitrophenol-d4	0.247	0.204	0.010	-17.079	40.0
Fluorene-d10	1.286	1.320	0.100	2.6308	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.111	0.010	-13.0531	40.0
Anthracene-d10	0.989	1.030	0.300	4.1634	20.0
Pyrene-d10	1.217	1.199	0.300	-1.5224	25.0
Benzo(a)pyrene-d12	1.074	1.097	0.010	2.1469	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.: BM012225 SAS No.: BM012225 SDG No.: BM012225
Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:00:52
Lab File ID: BM049379.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020068 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.530	0.554	0.010	4.5443	50.0
Benzaldehyde	0.905	1.063	0.010	17.3891	50.0
Pyridine	1.556	1.610	0.010	3.5037	50.0
Phenol	1.746	1.696	0.080	-2.8142	50.0
Bis(2-Chloroethyl)ether	1.421	1.427	0.100	0.3754	50.0
2-Chlorophenol	1.335	1.343	0.200	0.6039	50.0
2-Methylphenol	1.275	1.221	0.010	-4.2601	50.0
2,2-oxybis(1-Chloropropane)	2.130	2.321	0.010	8.9609	50.0
Acetophenone	2.126	2.148	0.060	1.0221	50.0
4-Methylphenol	1.397	1.333	0.010	-4.5823	50.0
N-Nitroso-di-n-propylamine	1.148	1.164	0.050	1.3381	50.0
Hexachloroethane	0.574	0.589	0.100	2.651	50.0
Nitrobenzene	0.395	0.418	0.050	5.7629	50.0
Isophorone	0.768	0.754	0.050	-1.8528	50.0
2-Nitrophenol	0.187	0.188	0.050	0.4063	50.0
2,4-Dimethylphenol	0.351	0.357	0.050	1.7349	50.0
Bis(2-Chloroethoxy)methane	0.472	0.480	0.050	1.6379	50.0
2,4-Dichlorophenol	0.347	0.353	0.060	1.8238	50.0
Naphthalene	1.061	1.090	0.200	2.712	50.0
4-Chloroaniline	0.437	0.412	0.010	-5.6073	50.0
Hexachlorobutadiene	0.247	0.261	0.040	5.4377	50.0
Caprolactam	0.103	0.086	0.010	-17.0069	50.0
4-Chloro-3-methylphenol	0.324	0.314	0.040	-3.2397	50.0
1-Methylnaphthalene	0.756	0.753	0.100	-0.3767	50.0
2-Methylnaphthalene	0.760	0.760	0.100	0.0016	50.0
Hexachlorocyclopentadiene	0.415	0.420	0.010	1.03	50.0
2,4,6-Trichlorophenol	0.426	0.437	0.090	2.697	50.0
2,4,5-Trichlorophenol	0.456	0.472	0.100	3.4374	50.0
1,1-Biphenyl	1.464	1.582	0.200	8.0379	50.0
2-Chloronaphthalene	1.171	1.254	0.300	7.1168	50.0
2-Nitroaniline	0.309	0.322	0.050	4.3276	50.0
Dimethylphthalate	1.473	1.498	0.300	1.7389	50.0
2,6-Dinitrotoluene	0.275	0.275	0.080	0.1315	50.0
Acenaphthylene	1.742	1.816	0.400	4.2138	50.0
3-Nitroaniline	0.270	0.242	0.010	-10.268	50.0
Acenaphthene	1.245	1.307	0.200	4.9819	50.0
2,4-Dinitrophenol	0.172	0.116	0.010	-32.3759	50.0
4-Nitrophenol	0.182	0.154	0.010	-15.1062	50.0
Dibenzofuran	1.768	1.829	0.300	3.4477	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:00:52

Lab File ID: BM049379.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020068 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.408	0.398	0.070	-2.4603	50.0
Diethylphthalate	1.435	1.420	0.300	-1.0435	50.0
Fluorene	1.444	1.509	0.200	4.4734	50.0
4-Chlorophenyl-phenylether	0.787	0.809	0.100	2.8414	50.0
4-Nitroaniline	0.243	0.213	0.010	-11.9864	50.0
4,6-Dinitro-2-methylphenol	0.139	0.127	0.010	-8.5624	50.0
N-Nitrosodiphenylamine	0.593	0.654	0.050	10.1805	50.0
1,2,4,5-Tetrachlorobenzene	0.692	0.744	0.100	7.4436	50.0
4-Bromophenyl-phenylether	0.227	0.239	0.070	5.179	50.0
Hexachlorobenzene	0.264	0.270	0.050	2.181	50.0
Atrazine	0.243	0.239	0.010	-1.3799	50.0
Pentachlorophenol	0.175	0.150	0.010	-14.2438	50.0
Phenanthrene	1.112	1.164	0.200	4.7238	50.0
Pentachlorobenzene	0.334	0.377	0.050	12.9413	50.0
Anthracene	1.116	1.177	0.200	5.5033	50.0
1,2,3,4-Tetrachlorobenzene	0.334	0.397	0.050	18.7537	50.0
Carbazole	0.990	0.969	0.050	-2.1731	50.0
Di-n-butylphthalate	1.213	1.157	0.500	-4.6067	50.0
Fluoranthene	1.399	1.492	0.400	6.6504	50.0
Pyrene	1.489	1.597	0.400	7.2712	50.0
Butylbenzylphthalate	0.527	0.501	0.100	-4.9021	50.0
3,3-Dichlorobenzidine	0.375	0.321	0.010	-14.3457	50.0
Benzo (a) anthracene	1.394	1.419	0.300	1.8123	50.0
Chrysene	1.272	1.324	0.200	4.0656	50.0
Bis (2-ethylhexyl) phthalate	0.784	0.731	0.200	-6.6882	50.0
Di-n-octyl phthalate	1.457	1.181	0.010	-18.9186	50.0
Benzo (b) fluoranthene	1.339	1.333	0.200	-0.3865	50.0
Benzo (k) fluoranthene	1.335	1.404	0.200	5.1782	50.0
Benzo (a) pyrene	1.209	1.245	0.200	2.9416	50.0
Indeno (1,2,3-cd) pyrene	1.387	1.503	0.200	8.3919	50.0
Dibenzo (a,h) anthracene	1.130	1.221	0.200	8.1219	50.0
Benzo (g,h,i) perylene	1.035	1.151	0.200	11.1703	50.0
2,3,4,6-Tetrachlorophenol	0.386	0.365	0.040	-5.3744	50.0
1,4-Dioxane-d8	0.483	0.503	0.010	4.1283	50.0
Pyridine-d5	1.539	1.571	0.010	2.0638	50.0
Phenol-d5	1.679	1.623	0.010	-3.3073	50.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.176	0.050	5.1918	50.0
2-Chlorophenol-d4	1.284	1.293	0.200	0.6603	50.0
4-Methylphenol-d8	1.302	1.230	0.010	-5.5514	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:00:52

Lab File ID: BM049379.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020068 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.155	0.050	1.6595	50.0
2-Nitrophenol-d4	0.170	0.166	0.050	-2.9129	50.0
2,4-Dichlorophenol-d3	0.348	0.348	0.060	0.108	50.0
4-Chloroaniline-d4	0.458	0.428	0.010	-6.5364	50.0
Dimethylphthalate-d6	1.489	1.504	0.300	1.0647	50.0
Acenaphthylene-d8	1.699	1.766	0.400	3.9306	50.0
4-Nitrophenol-d4	0.247	0.197	0.010	-19.9481	50.0
Fluorene-d10	1.286	1.299	0.100	1.0533	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.113	0.010	-11.5461	50.0
Anthracene-d10	0.989	1.029	0.300	4.1014	50.0
Pyrene-d10	1.217	1.279	0.300	5.0569	50.0
Benzo(a)pyrene-d12	1.074	1.084	0.010	0.9462	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BM012225
Lab Sample ID:	PB166157BL	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
BM049368.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BM012225
Lab Sample ID:	PB166157BL	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
BM049368.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BM012225
Lab Sample ID:	PB166157BL	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
BM049368.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

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	6.113		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	27.816		20-120		70	SPK: -40
4165-62-2	Phenol-d5	27.584		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.663		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.071		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	26.029		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	30.428		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.486		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.598		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.773		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.376		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.446		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.107		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	32.006		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BM012225
Lab Sample ID:	PB166157BL	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
BM049368.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.424		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	33.209		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	37.09		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.763		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214994	7.522				
1146-65-2	Naphthalene-d8	780126	10.281				
15067-26-2	Acenaphthene-d10	481170	14.157				
1517-22-2	Phenanthrene-d10	913911	16.909				
1719-03-5	Chrysene-d12	727646	21.145				
1520-96-3	Perylene-d12	731320	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK156	SDG No.:	BM012225
Lab Sample ID:	PB166156BL	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
BM049369.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK156	SDG No.:	BM012225
Lab Sample ID:	PB166156BL	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
BM049369.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK156	SDG No.:	BM012225
Lab Sample ID:	PB166156BL	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
BM049369.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

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	6.904		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	32.037		20-120		80	SPK: -40
4165-62-2	Phenol-d5	29.185		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.832		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.791		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	27.149		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	30.654		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.705		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.629		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.514		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.548		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	32.486		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.866		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	32.373		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK156	SDG No.:	BM012225
Lab Sample ID:	PB166156BL	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
BM049369.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.159		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	33.222		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	34.729		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.059		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168732	7.522				
1146-65-2	Naphthalene-d8	589973	10.281				
15067-26-2	Acenaphthene-d10	343327	14.163				
1517-22-2	Phenanthrene-d10	661412	16.91				
1719-03-5	Chrysene-d12	580212	21.139				
1520-96-3	Perylene-d12	633377	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1131-01	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
BM049370.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

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:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1131-01	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
BM049370.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

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	110	U	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:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1131-01	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
BM049370.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

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	48	U	48	54.7	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.716		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	20.173		20-120		50	SPK: -40
4165-62-2	Phenol-d5	20.487		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.248		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.695		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.164		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.912		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.911		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.666		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.833		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.648		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.91		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.93		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	22.603		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1131-01	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
BM049370.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.578		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	22.468		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	22.274		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.87		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156710	7.522				
1146-65-2	Naphthalene-d8	552457	10.281				
15067-26-2	Acenaphthene-d10	324607	14.157				
1517-22-2	Phenanthrene-d10	633497	16.91				
1719-03-5	Chrysene-d12	581884	21.139				
1520-96-3	Perylene-d12	655202	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.533	
000057-10-3	n-Hexadecanoic acid	130	J			17.833	
000123-79-5	Hexanedioic acid, dioctyl ester	170	J			20.357	
	(DEL) Alkane: Cyclic	95	J			20.862	
000541-01-5	Heptasiloxane, hexadecamethyl-	1100	J			24.586	
E966796	Total Alkanes	95				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1130-01	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
BM049371.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9	U	4.9	5	20	ug/L
100-52-7	Benzaldehyde	25	U	25	50	100	ug/L
110-86-1	Pyridine	14	U	14	100	100	ug/L
108-95-2	Phenol	14	U	14	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	13	U	13	25	50	ug/L
95-48-7	2-Methylphenol	14	U	14	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	14	U	14	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	16	U	16	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	15	U	15	25	50	ug/L
91-20-3	Naphthalene	13	U	13	25	50	ug/L
106-47-8	4-Chloroaniline	14	U	14	25	100	ug/L
87-68-3	Hexachlorobutadiene	12	U	12	25	50	ug/L
105-60-2	Caprolactam	45	U	45	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	13	U	13	25	50	ug/L
91-57-6	2-Methylnaphthalene	14	U	14	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	33	U	33	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15	U	15	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15	U	15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1130-01	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
BM049371.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	17	U	17	25	50	ug/L
91-58-7	2-Chloronaphthalene	16	U	16	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L
131-11-3	Dimethylphthalate	15	U	15	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	11	U	11	25	50	ug/L
208-96-8	Acenaphthylene	15	U	15	25	50	ug/L
99-09-2	3-Nitroaniline	8.4	U	8.4	50	100	ug/L
83-32-9	Acenaphthene	15	U	15	25	50	ug/L
51-28-5	2,4-Dinitrophenol	59	U	59	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	15	U	15	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	15	U	15	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	16	U	16	25	50	ug/L
100-01-6	4-Nitroaniline	13	U	13	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.4	U	9.4	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	16	U	16	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	15	U	15	25	50	ug/L
118-74-1	Hexachlorobenzene	16	U	16	25	50	ug/L
1912-24-9	Atrazine	16	U	16	50	100	ug/L
87-86-5	Pentachlorophenol	36	U	36	50	100	ug/L
85-01-8	Phenanthrene	16	U	16	25	50	ug/L
608-93-5	Pentachlorobenzene	15	U	15	25	50	ug/L
120-12-7	Anthracene	14	U	14	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	25	50	ug/L
86-74-8	Carbazole	16	U	16	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1130-01	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
BM049371.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	11	U	11	50	100	ug/L
56-55-3	Benzo(a)anthracene	14	U	14	25	50	ug/L
218-01-9	Chrysene	15	U	15	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18	U	18	25	50	ug/L
117-84-0	Di-n-octyl phthalate	14	U	14	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	17	U	17	25	50	ug/L
50-32-8	Benzo(a)pyrene	15	U	15	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	14	U	14	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	33.88		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	122.78		20-120		30	SPK: -40
4165-62-2	Phenol-d5	83.33		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	366.94		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	303.21		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	186.57		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	363.98		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	336.73		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	312.17		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	267.93		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	371.74		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	379		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.79	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	396.3		25-125		99	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1130-01	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
BM049371.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	246.63		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	406.2		25-130		101	SPK: -40
1718-52-1	Pyrene-d10	451.3		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	392.38		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200388	7.522				
1146-65-2	Naphthalene-d8	733027	10.281				
15067-26-2	Acenaphthene-d10	444173	14.157				
1517-22-2	Phenanthrene-d10	847939	16.91				
1719-03-5	Chrysene-d12	671175	21.139				
1520-96-3	Perylene-d12	713759	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	44	J			4.681	
000556-71-8	Cyclononasiloxane, octadecamethyl-	670	J			23.509	
000541-01-5	Heptasiloxane, hexadecamethyl-	1100	J			29.68	
E966796	Total Alkanes	17	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ8	SDG No.:	BM012225
Lab Sample ID:	Q1139-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BM049372.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	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	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ8	SDG No.:	BM012225
Lab Sample ID:	Q1139-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BM049372.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.95	U	0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ8	SDG No.:	BM012225
Lab Sample ID:	Q1139-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BM049372.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.924		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	6.177	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.776		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.014		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.316		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	18.852		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	36.402		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.06		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.188		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.239		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.898		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	38.117		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.612	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	41.236		25-125		103	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ8	SDG No.:	BM012225
Lab Sample ID:	Q1139-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BM049372.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.503		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	44.581		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	47.197		15-130		118	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.203		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182103	7.522				
1146-65-2	Naphthalene-d8	679675	10.281				
15067-26-2	Acenaphthene-d10	437346	14.163				
1517-22-2	Phenanthrene-d10	890929	16.91				
1719-03-5	Chrysene-d12	805854	21.139				
1520-96-3	Perylene-d12	876184	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000059-50-7	Phenol, 4-chloro-3-methyl-	3.8	J			11.586	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.3	J			17.598	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ9	SDG No.:	BM012225
Lab Sample ID:	Q1139-22	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
BM049373.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

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:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ9	SDG No.:	BM012225
Lab Sample ID:	Q1139-22	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
BM049373.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

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:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ9	SDG No.:	BM012225
Lab Sample ID:	Q1139-22	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
BM049373.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

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	5.601		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	6.334	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	6.547		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.567		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.509		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	15.647		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	31.947		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.86		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.864		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.934		1-146		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.608		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	33.118		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.689	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	36.056		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ9	SDG No.:	BM012225
Lab Sample ID:	Q1139-22	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
BM049373.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.668		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	39.139		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	42.302		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.524		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177171	7.522				
1146-65-2	Naphthalene-d8	625046	10.281				
15067-26-2	Acenaphthene-d10	364321	14.163				
1517-22-2	Phenanthrene-d10	697646	16.91				
1719-03-5	Chrysene-d12	596924	21.139				
1520-96-3	Perylene-d12	656492	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.3	J			17.598	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS157	SDG No.:	BM012225
Lab Sample ID:	PB166157BS	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
BM049374.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	720		75	82.5	330	ug/Kg
110-86-1	Pyridine	980		43	170	330	ug/Kg
108-95-2	Phenol	980		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	980		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	930		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		27	82.5	330	ug/Kg
98-86-2	Acetophenone	990		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	940		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		36	42.5	170	ug/Kg
78-59-1	Isophorone	970		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	980		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	820		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	750		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		34	42.5	170	ug/Kg
105-60-2	Caprolactam	860		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	800		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	910		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS157	SDG No.:	BM012225
Lab Sample ID:	PB166157BS	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
BM049374.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	960		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	790		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	950		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		60	42.5	170	ug/Kg
86-73-7	Fluorene	1100		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		50	42.5	170	ug/Kg
1912-24-9	Atrazine	310	J	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	740		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	950		51	42.5	170	ug/Kg
120-12-7	Anthracene	1100		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		33	42.5	170	ug/Kg
86-74-8	Carbazole	1100		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS157	SDG No.:	BM012225
Lab Sample ID:	PB166157BS	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
BM049374.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		39	42.5	170	ug/Kg
218-01-9	Chrysene	1100		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	960		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.399		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	29.378		20-120		73	SPK: -40
4165-62-2	Phenol-d5	29.919		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.967		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.632		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.674		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	30.749		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.577		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.322		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.552		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.071		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.875		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.724		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.489		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS157	SDG No.:	BM012225
Lab Sample ID:	PB166157BS	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
BM049374.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.803		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	32.708		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	32.11		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.355		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217104	7.522				
1146-65-2	Naphthalene-d8	844130	10.28				
15067-26-2	Acenaphthene-d10	593710	14.163				
1517-22-2	Phenanthrene-d10	1217543	16.909				
1719-03-5	Chrysene-d12	1169996	21.144				
1520-96-3	Perylene-d12	1051564	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS156	SDG No.:	BM012225
Lab Sample ID:	PB166156BS	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
BM049375.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	3.2	J	2.5	5	10	ug/L
110-86-1	Pyridine	27		1.4	10	10	ug/L
108-95-2	Phenol	29		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	28		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.4	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	28		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	26		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	27		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.5	2.5	5	ug/L
91-20-3	Naphthalene	27		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	14		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.2	2.5	5	ug/L
105-60-2	Caprolactam	22		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS156	SDG No.:	BM012225
Lab Sample ID:	PB166156BS	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
BM049375.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	29		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	28		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	24		0.84	5	10	ug/L
83-32-9	Acenaphthene	28		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	21		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	24		1.5	5	10	ug/L
132-64-9	Dibenzofuran	28		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	27		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		1.5	2.5	5	ug/L
86-73-7	Fluorene	28		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	26		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	25		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		1.6	2.5	5	ug/L
1912-24-9	Atrazine	24		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	24		3.6	5	10	ug/L
85-01-8	Phenanthrene	28		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.5	2.5	5	ug/L
120-12-7	Anthracene	28		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.2	2.5	5	ug/L
86-74-8	Carbazole	26		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	27		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS156	SDG No.:	BM012225
Lab Sample ID:	PB166156BS	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
BM049375.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	26		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	24		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.4	2.5	5	ug/L
218-01-9	Chrysene	28		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	26		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.076		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	26.836		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.802		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.569		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.455		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.761		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	26.459		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.267		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.027		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.845		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.443		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.894		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.806		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	27.518		25-125		69	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS156	SDG No.:	BM012225
Lab Sample ID:	PB166156BS	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
BM049375.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.255		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	28.094		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	27.435		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.847		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	267141	7.522				
1146-65-2	Naphthalene-d8	1054597	10.281				
15067-26-2	Acenaphthene-d10	697262	14.163				
1517-22-2	Phenanthrene-d10	1316547	16.91				
1719-03-5	Chrysene-d12	1139356	21.145				
1520-96-3	Perylene-d12	984052	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS161	SDG No.:	BM012225
Lab Sample ID:	PB166161BS	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
BM049376.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14		0.49	0.5	2	ug/L
110-86-1	Pyridine	36		1.4	10	10	ug/L
100-52-7	Benzaldehyde	4	J	2.5	5	10	ug/L
108-95-2	Phenol	36		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	34		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	36		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	34		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36		1.4	5	10	ug/L
98-86-2	Acetophenone	33		1.5	5	10	ug/L
106-44-5	4-Methylphenol	33		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	35		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	36		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	36		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.5	2.5	5	ug/L
91-20-3	Naphthalene	35		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		1.2	2.5	5	ug/L
105-60-2	Caprolactam	26		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	34		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	33		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS161	SDG No.:	BM012225
Lab Sample ID:	PB166161BS	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
BM049376.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	37		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	36		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		0.84	5	10	ug/L
83-32-9	Acenaphthene	36		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	26		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	32		1.5	5	10	ug/L
132-64-9	Dibenzofuran	36		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	35		1.5	2.5	5	ug/L
86-73-7	Fluorene	36		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	34		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	37		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	37		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	36		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	35		1.6	2.5	5	ug/L
1912-24-9	Atrazine	30		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	31		3.6	5	10	ug/L
85-01-8	Phenanthrene	36		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	36		1.5	2.5	5	ug/L
120-12-7	Anthracene	37		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	38		1.2	2.5	5	ug/L
86-74-8	Carbazole	35		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS161	SDG No.:	BM012225
Lab Sample ID:	PB166161BS	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
BM049376.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	33		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.4	2.5	5	ug/L
218-01-9	Chrysene	37		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	31		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	37		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	40		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.245		15-120		91	SPK: -8
7291-22-7	Pyridine-d5	35.61		20-120		89	SPK: -40
4165-62-2	Phenol-d5	35.427		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.766		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.953		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	33.341		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	34.374		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.759		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.988		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.48		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.005		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	36.201		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.206		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	35.758		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS161	SDG No.:	BM012225
Lab Sample ID:	PB166161BS	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
BM049376.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.11		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	36.816		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	35.143		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.388		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167141	7.522				
1146-65-2	Naphthalene-d8	627488	10.281				
15067-26-2	Acenaphthene-d10	393895	14.157				
1517-22-2	Phenanthrene-d10	748638	16.91				
1719-03-5	Chrysene-d12	695917	21.139				
1520-96-3	Perylene-d12	695927	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLEB133	SDG No.:	BM012225
Lab Sample ID:	PB166133TB	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
BM049377.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9	U	4.9	5	20	ug/L
100-52-7	Benzaldehyde	25	U	25	50	100	ug/L
110-86-1	Pyridine	14	U	14	100	100	ug/L
108-95-2	Phenol	14	U	14	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	13	U	13	25	50	ug/L
95-48-7	2-Methylphenol	14	U	14	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	14	U	14	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	16	U	16	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	15	U	15	25	50	ug/L
91-20-3	Naphthalene	13	U	13	25	50	ug/L
106-47-8	4-Chloroaniline	14	U	14	25	100	ug/L
87-68-3	Hexachlorobutadiene	12	U	12	25	50	ug/L
105-60-2	Caprolactam	45	U	45	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	13	U	13	25	50	ug/L
91-57-6	2-Methylnaphthalene	14	U	14	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	33	U	33	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15	U	15	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15	U	15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLEB133	SDG No.:	BM012225
Lab Sample ID:	PB166133TB	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
BM049377.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	17	U	17	25	50	ug/L
91-58-7	2-Chloronaphthalene	16	U	16	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L
131-11-3	Dimethylphthalate	15	U	15	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	11	U	11	25	50	ug/L
208-96-8	Acenaphthylene	15	U	15	25	50	ug/L
99-09-2	3-Nitroaniline	8.4	U	8.4	50	100	ug/L
83-32-9	Acenaphthene	15	U	15	25	50	ug/L
51-28-5	2,4-Dinitrophenol	59	U	59	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	15	U	15	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	15	U	15	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	16	U	16	25	50	ug/L
100-01-6	4-Nitroaniline	13	U	13	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.4	U	9.4	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	16	U	16	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	15	U	15	25	50	ug/L
118-74-1	Hexachlorobenzene	16	U	16	25	50	ug/L
1912-24-9	Atrazine	16	U	16	50	100	ug/L
87-86-5	Pentachlorophenol	36	U	36	50	100	ug/L
85-01-8	Phenanthrene	16	U	16	25	50	ug/L
608-93-5	Pentachlorobenzene	15	U	15	25	50	ug/L
120-12-7	Anthracene	14	U	14	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	25	50	ug/L
86-74-8	Carbazole	16	U	16	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLEB133	SDG No.:	BM012225
Lab Sample ID:	PB166133TB	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
BM049377.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	11	U	11	50	100	ug/L
56-55-3	Benzo(a)anthracene	14	U	14	25	50	ug/L
218-01-9	Chrysene	15	U	15	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18	U	18	25	50	ug/L
117-84-0	Di-n-octyl phthalate	14	U	14	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	17	U	17	25	50	ug/L
50-32-8	Benzo(a)pyrene	15	U	15	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	14	U	14	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	67.63		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	314.98		20-120		78	SPK: -40
4165-62-2	Phenol-d5	298.38		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	304.74		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	316.87		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	284.74		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	304.59		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	295.32		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	285.15		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	255.67		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	311.71		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	318.47		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	146.77		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	315.17		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLEB133	SDG No.:	BM012225
Lab Sample ID:	PB166133TB	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
BM049377.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	183.96		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	326.83		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	362.43		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	325.17		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	232277	7.522				
1146-65-2	Naphthalene-d8	826165	10.281				
15067-26-2	Acenaphthene-d10	487217	14.157				
1517-22-2	Phenanthrene-d10	895557	16.91				
1719-03-5	Chrysene-d12	708842	21.139				
1520-96-3	Perylene-d12	741287	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	17	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK161	SDG No.:	BM012225
Lab Sample ID:	PB166161BL	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
BM049378.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

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
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK161	SDG No.:	BM012225
Lab Sample ID:	PB166161BL	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
BM049378.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK161	SDG No.:	BM012225
Lab Sample ID:	PB166161BL	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
BM049378.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

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	6.466		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	30.949		20-120		77	SPK: -40
4165-62-2	Phenol-d5	29.414		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.518		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.681		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	27.374		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.703		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.808		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.602		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.284		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.034		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.769		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.972		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	31.381		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK161	SDG No.:	BM012225
Lab Sample ID:	PB166161BL	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
BM049378.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.936		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	31.682		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	34.919		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.467		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196971	7.522				
1146-65-2	Naphthalene-d8	707039	10.281				
15067-26-2	Acenaphthene-d10	420811	14.157				
1517-22-2	Phenanthrene-d10	798789	16.91				
1719-03-5	Chrysene-d12	644981	21.139				
1520-96-3	Perylene-d12	678543	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK160	SDG No.:	BM012225
Lab Sample ID:	PB166160BL	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
BM049382.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK160	SDG No.:	BM012225
Lab Sample ID:	PB166160BL	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
BM049382.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK160	SDG No.:	BM012225
Lab Sample ID:	PB166160BL	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
BM049382.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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	4.704		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	21.882		20-120		55	SPK: -40
4165-62-2	Phenol-d5	20.696		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.474		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.673		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.396		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	20.875		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.231		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.274		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.717		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.174		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.574		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.36		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	21.767		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK160	SDG No.:	BM012225
Lab Sample ID:	PB166160BL	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
BM049382.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.496		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	21.888		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.538		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.585		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226964	7.522				
1146-65-2	Naphthalene-d8	817191	10.28				
15067-26-2	Acenaphthene-d10	508066	14.157				
1517-22-2	Phenanthrene-d10	981043	16.909				
1719-03-5	Chrysene-d12	818736	21.139				
1520-96-3	Perylene-d12	837477	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH0	SDG No.:	BM012225
Lab Sample ID:	Q1139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BM049383.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.5	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.5	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.5	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.3	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.3	210	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.3	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.3	210	ug/Kg
91-20-3	Naphthalene	1300		41	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.3	210	ug/Kg
105-60-2	Caprolactam	140	U	140	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	330		49	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH0	SDG No.:	BM012225
Lab Sample ID:	Q1139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BM049383.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.3	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.5	400	ug/Kg
83-32-9	Acenaphthene	1600		49	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.5	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.3	210	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.3	210	ug/Kg
86-73-7	Fluorene	1700		54	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.5	400	ug/Kg
85-01-8	Phenanthrene	4500	E	53	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.3	210	ug/Kg
120-12-7	Anthracene	990		52	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.3	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.3	210	ug/Kg
206-44-0	Fluoranthene	1900		53	99.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH0	SDG No.:	BM012225
Lab Sample ID:	Q1139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BM049383.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		53	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	220		47	51.3	210	ug/Kg
218-01-9	Chrysene	210		54	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	87	J	51	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	55	J	51	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.014		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.286		20-120		36	SPK: -40
4165-62-2	Phenol-d5	14.354		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.201		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.043		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.72		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	15.374		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.288		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.399		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.212		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.618		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.593		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.627		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	16.647		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH0	SDG No.:	BM012225
Lab Sample ID:	Q1139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BM049383.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.384		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	17.308		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	16.673		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.878		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	247500	7.522				
1146-65-2	Naphthalene-d8	899448	10.281				
15067-26-2	Acenaphthene-d10	563670	14.157				
1517-22-2	Phenanthrene-d10	1141001	16.91				
1719-03-5	Chrysene-d12	1114922	21.139				
1520-96-3	Perylene-d12	1088172	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000091-63-4	Quinoline, 2-methyl-	86	J			12.086	
000092-52-4	Biphenyl	260	J			12.986	
000939-27-5	Naphthalene, 2-ethyl-	90	J			13.18	
000573-98-8	Naphthalene, 1,2-dimethyl-	150	J			13.475	
001855-47-6	1-Isopropenylnaphthalene	85	J			14.474	
000132-64-9	Dibenzo furan	1100	J			14.563	
000954-21-2	Nordiphenamid	150	J			15.374	
000644-08-6	1,1-Biphenyl, 4-methyl-	96	J			15.463	
000119-61-9	Benzophenone	340	J			15.533	
007320-53-8	Dibenzofuran, 4-methyl-	210	J			15.657	
002523-39-9	9H-Fluorene, 3-methyl-	96	J			16.221	
000132-65-0	Dibenzothiophene	340	J			16.727	
000244-99-5	5H-Indeno[1,2-b]pyridine	630	J			17.321	
002531-84-2	Phenanthrene, 2-methyl-	200	J			17.786	
000832-69-9	Phenanthrene, 1-methyl-	360	J			17.833	
000610-48-0	Anthracene, 1-methyl-	99	J			17.915	
000203-64-5	4H-Cyclopenta[def]phenanthrene	480	J			17.98	

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH0	SDG No.:	BM012225
Lab Sample ID:	Q1139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BM049383.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000832-64-4	Phenanthrene, 4-methyl-	100	J			18.015	
000612-94-2	Naphthalene, 2-phenyl-	140	J			18.298	
000483-87-4	Phenanthrene, 1,7-dimethyl-	110	J			18.709	
000243-17-4	11H-Benzo[b]fluorene	120	J			19.845	
000238-84-6	11H-Benzo[a]fluorene	120	J			19.945	
	(DEL) Alkane: Cyclic20.856	92	J			20.856	
E966796	Total Alkanes	92				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH1	SDG No.:	BM012225
Lab Sample ID:	Q1139-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BM049384.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.9	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	98.4	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.4	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.4	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.7	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.7	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.7	200	ug/Kg
78-59-1	Isophorone	41	U	41	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.7	200	ug/Kg
91-20-3	Naphthalene	2000		41	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.7	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	490		49	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	290		44	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH1	SDG No.:	BM012225
Lab Sample ID:	Q1139-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BM049384.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.7	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.4	390	ug/Kg
83-32-9	Acenaphthene	2000		49	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.4	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.7	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	50.7	200	ug/Kg
86-73-7	Fluorene	1800		54	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.7	200	ug/Kg
1912-24-9	Atrazine	46	U	46	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.4	390	ug/Kg
85-01-8	Phenanthrene	5200	E	52	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.7	200	ug/Kg
120-12-7	Anthracene	690		51	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.7	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.7	200	ug/Kg
206-44-0	Fluoranthene	2200		52	98.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH1	SDG No.:	BM012225
Lab Sample ID:	Q1139-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BM049384.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		52	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	260		46	50.7	200	ug/Kg
218-01-9	Chrysene	250		54	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	50	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	62	J	50	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.481		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.472		20-120		41	SPK: -40
4165-62-2	Phenol-d5	16.641		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.313		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.662		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.047		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	17.442		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.571		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.713		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.114		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.06		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	17.241		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.144		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	17.638		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH1	SDG No.:	BM012225
Lab Sample ID:	Q1139-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BM049384.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.331		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	18.593		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	17.294		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.68		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230752	7.516				
1146-65-2	Naphthalene-d8	833922	10.281				
15067-26-2	Acenaphthene-d10	516096	14.157				
1517-22-2	Phenanthrene-d10	1012383	16.91				
1719-03-5	Chrysene-d12	970139	21.139				
1520-96-3	Perylene-d12	934708	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000091-63-4	Quinoline, 2-methyl-	150	J			12.081	
000092-52-4	Biphenyl	350	J			12.986	
001127-76-0	Naphthalene, 1-ethyl-	120	J			13.181	
000575-37-1	Naphthalene, 1,7-dimethyl-	110	J			13.316	
000575-43-9	Naphthalene, 1,6-dimethyl-	190	J			13.475	
000132-64-9	Dibenzo furan	1300	J			14.563	
006344-67-8	9H-Fluoren-3-ol	170	J			15.516	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	250	J			15.657	
001730-37-6	9H-Fluorene, 1-methyl-	180	J			16.222	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	94	J			16.663	
000132-65-0	Dibenzothiophene	410	J			16.727	
000086-74-8	Carba zole	500	J			17.316	
002531-84-2	Phenanthrene, 2-methyl-	240	J			17.786	
000832-69-9	Phenanthrene, 1-methyl-	390	J			17.833	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	100	J			17.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J			17.98	
000832-64-4	Phenanthrene, 4-methyl-	110	J			18.016	

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH1	SDG No.:	BM012225
Lab Sample ID:	Q1139-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BM049384.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000612-94-2	Naphthalene, 2-phenyl-	180	J			18.298	
001015-89-0	6(5H)-Phenanthridinone	88	J			19.798	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.845	
000238-84-6	11H-Benzo[a]fluorene	140	J			19.945	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2	SDG No.:	BM012225
Lab Sample ID:	Q1139-03	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
BM049385.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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	43	U	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	49	U	49	53.1	210	ug/Kg
91-20-3	Naphthalene	43	U	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	51	U	51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2	SDG No.:	BM012225
Lab Sample ID:	Q1139-03	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
BM049385.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	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	56	U	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	20	U	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	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	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:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2	SDG No.:	BM012225
Lab Sample ID:	Q1139-03	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
BM049385.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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	55	U	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	46	U	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.317		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	18.815		20-120		47	SPK: -40
4165-62-2	Phenol-d5	20.751		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.691		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.807		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.169		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.481		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.502		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.431		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.342		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.637		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.7		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.493		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	23.232		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2	SDG No.:	BM012225
Lab Sample ID:	Q1139-03	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
BM049385.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.596		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	23.763		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.312		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.624		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	285794	7.522				
1146-65-2	Naphthalene-d8	1043055	10.28				
15067-26-2	Acenaphthene-d10	622031	14.157				
1517-22-2	Phenanthrene-d10	1125796	16.909				
1719-03-5	Chrysene-d12	919721	21.139				
1520-96-3	Perylene-d12	918246	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.533	
000057-10-3	n-Hexadecanoic acid	110	J			17.833	
959261-23-5	Heptafluorobutyric acid, pentadecy	88	J			20.862	
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2MS	SDG No.:	BM012225
Lab Sample ID:	Q1139-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049386.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	540		16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	160	J	94	100	410	ug/Kg
110-86-1	Pyridine	1400		54	210	410	ug/Kg
108-95-2	Phenol	1400		44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		42	100	410	ug/Kg
95-57-8	2-Chlorophenol	1400		35	53	210	ug/Kg
95-48-7	2-Methylphenol	1300		37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		34	100	410	ug/Kg
98-86-2	Acetophenone	1300		47	100	410	ug/Kg
106-44-5	4-Methylphenol	1300		40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		36	53	210	ug/Kg
67-72-1	Hexachloroethane	1400		29	53	210	ug/Kg
98-95-3	Nitrobenzene	1400		45	53	210	ug/Kg
78-59-1	Isophorone	1400		42	53	210	ug/Kg
88-75-5	2-Nitrophenol	1400		40	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		35	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		47	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		49	53	210	ug/Kg
91-20-3	Naphthalene	1400		42	53	210	ug/Kg
106-47-8	4-Chloroaniline	650		54	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	1400		42	53	210	ug/Kg
105-60-2	Caprolactam	1100		150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		35	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	1400		51	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	1400		46	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		54	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		52	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2MS	SDG No.:	BM012225
Lab Sample ID:	Q1139-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049386.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		60	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	1500		56	53	210	ug/Kg
88-74-4	2-Nitroaniline	1500		27	53	210	ug/Kg
131-11-3	Dimethylphthalate	1400		52	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		26	53	210	ug/Kg
208-96-8	Acenaphthylene	1400		54	53	210	ug/Kg
99-09-2	3-Nitroaniline	1200		25	100	410	ug/Kg
83-32-9	Acenaphthene	1400		51	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1200		51	100	410	ug/Kg
132-64-9	Dibenzofuran	1400		57	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		34	53	210	ug/Kg
84-66-2	Diethylphthalate	1300		75	53	210	ug/Kg
86-73-7	Fluorene	1400		56	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		59	53	210	ug/Kg
100-01-6	4-Nitroaniline	1400		52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		52	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		64	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		56	53	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		62	53	210	ug/Kg
1912-24-9	Atrazine	1200		49	100	410	ug/Kg
87-86-5	Pentachlorophenol	1200		110	100	410	ug/Kg
85-01-8	Phenanthrene	1400		55	53	210	ug/Kg
608-93-5	Pentachlorobenzene	1500		64	53	210	ug/Kg
120-12-7	Anthracene	1400		54	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		41	53	210	ug/Kg
86-74-8	Carbazole	1300		56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1400		52	53	210	ug/Kg
206-44-0	Fluoranthene	1400		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2MS	SDG No.:	BM012225
Lab Sample ID:	Q1139-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049386.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		55	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	1400		40	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1400		49	53	210	ug/Kg
218-01-9	Chrysene	1400		56	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		55	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		52	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		56	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	1500		52	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		46	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		46	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		44	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		46	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.44		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	20.382		20-120		51	SPK: -40
4165-62-2	Phenol-d5	23.355		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.146		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.05		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	22.454		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.293		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.717		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.155		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.903		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.252		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.885		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.936		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.206		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2MS	SDG No.:	BM012225
Lab Sample ID:	Q1139-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049386.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.106		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	24.497		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	23.813		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.748		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	264009	7.516				
1146-65-2	Naphthalene-d8	1003101	10.281				
15067-26-2	Acenaphthene-d10	634360	14.157				
1517-22-2	Phenanthrene-d10	1163584	16.91				
1719-03-5	Chrysene-d12	1012707	21.139				
1520-96-3	Perylene-d12	905021	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2MSD	SDG No.:	BM012225
Lab Sample ID:	Q1139-05MSD	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
BM049387.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	520		16	8.2	83	ug/Kg
110-86-1	Pyridine	1400		54	210	410	ug/Kg
100-52-7	Benzaldehyde	160	J	94	100	410	ug/Kg
108-95-2	Phenol	1300		44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		42	100	410	ug/Kg
95-57-8	2-Chlorophenol	1300		35	53	210	ug/Kg
95-48-7	2-Methylphenol	1200		37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		34	100	410	ug/Kg
98-86-2	Acetophenone	1200		47	100	410	ug/Kg
106-44-5	4-Methylphenol	1200		40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		36	53	210	ug/Kg
67-72-1	Hexachloroethane	1300		29	53	210	ug/Kg
98-95-3	Nitrobenzene	1400		45	53	210	ug/Kg
78-59-1	Isophorone	1300		42	53	210	ug/Kg
88-75-5	2-Nitrophenol	1300		40	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		35	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		47	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		49	53	210	ug/Kg
91-20-3	Naphthalene	1300		42	53	210	ug/Kg
106-47-8	4-Chloroaniline	620		54	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	1400		42	53	210	ug/Kg
105-60-2	Caprolactam	1100		150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		35	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		51	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		46	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		54	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		52	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2MSD	SDG No.:	BM012225
Lab Sample ID:	Q1139-05MSD	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
BM049387.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		60	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	1400		56	53	210	ug/Kg
88-74-4	2-Nitroaniline	1400		27	53	210	ug/Kg
131-11-3	Dimethylphthalate	1300		52	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		26	53	210	ug/Kg
208-96-8	Acenaphthylene	1400		54	53	210	ug/Kg
99-09-2	3-Nitroaniline	1200		25	100	410	ug/Kg
83-32-9	Acenaphthene	1400		51	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1200		51	100	410	ug/Kg
132-64-9	Dibenzofuran	1400		57	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		34	53	210	ug/Kg
84-66-2	Diethylphthalate	1300		75	53	210	ug/Kg
86-73-7	Fluorene	1400		56	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		59	53	210	ug/Kg
100-01-6	4-Nitroaniline	1400		52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		52	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		64	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		56	53	210	ug/Kg
118-74-1	Hexachlorobenzene	1300		62	53	210	ug/Kg
1912-24-9	Atrazine	1200		49	100	410	ug/Kg
87-86-5	Pentachlorophenol	1200		110	100	410	ug/Kg
85-01-8	Phenanthrene	1400		55	53	210	ug/Kg
608-93-5	Pentachlorobenzene	1400		64	53	210	ug/Kg
120-12-7	Anthracene	1400		54	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		41	53	210	ug/Kg
86-74-8	Carbazole	1300		56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1400		52	53	210	ug/Kg
206-44-0	Fluoranthene	1300		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2MSD	SDG No.:	BM012225
Lab Sample ID:	Q1139-05MSD	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
BM049387.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		55	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	1300		40	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1400		49	53	210	ug/Kg
218-01-9	Chrysene	1400		56	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		55	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		52	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		56	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		52	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		46	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		46	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		44	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		46	53	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	19.922		20-120		50	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.425		15-120		55	SPK: -8
4165-62-2	Phenol-d5	22.414		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.041		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.224		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.548		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.518		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.264		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.753		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.188		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.456		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.971		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.131		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	23.403		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH2MSD	SDG No.:	BM012225
Lab Sample ID:	Q1139-05MSD	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
BM049387.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.275		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	23.795		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	22.185		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.592		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	264269	7.522				
1146-65-2	Naphthalene-d8	989159	10.28				
15067-26-2	Acenaphthene-d10	618550	14.157				
1517-22-2	Phenanthrene-d10	1172696	16.909				
1719-03-5	Chrysene-d12	1104032	21.139				
1520-96-3	Perylene-d12	1026465	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ1	SDG No.:	BM012225
Lab Sample ID:	Q1139-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049388.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
108-95-2	Phenol	45	U	45	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.1	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	54.1	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	54.1	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.1	220	ug/Kg
78-59-1	Isophorone	43	U	43	54.1	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	54.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.1	220	ug/Kg
91-20-3	Naphthalene	43	U	43	54.1	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	54.1	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	54.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	54.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ1	SDG No.:	BM012225
Lab Sample ID:	Q1139-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049388.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	54.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	54.1	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.1	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	54.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.1	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.1	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	54.1	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	59	U	59	54.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	54.1	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	54.1	220	ug/Kg
86-73-7	Fluorene	57	U	57	54.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.1	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	54.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	54.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	54.1	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.1	220	ug/Kg
1912-24-9	Atrazine	50	U	50	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	54.1	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	54.1	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.1	220	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	54.1	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ1	SDG No.:	BM012225
Lab Sample ID:	Q1139-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049388.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	54.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.1	220	ug/Kg
218-01-9	Chrysene	57	U	57	54.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	54.1	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	54.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	54.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	54.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	54.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	54.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	54.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.238		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	15.872		20-120		40	SPK: -40
4165-62-2	Phenol-d5	18.31		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.123		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.423		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	17.511		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	20.023		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.313		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.765		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.165		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.379		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.951		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.446		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	21.081		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ1	SDG No.:	BM012225
Lab Sample ID:	Q1139-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049388.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.847		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	21.199		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	21.911		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.506		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253877	7.522				
1146-65-2	Naphthalene-d8	918128	10.28				
15067-26-2	Acenaphthene-d10	557251	14.157				
1517-22-2	Phenanthrene-d10	1070299	16.909				
1719-03-5	Chrysene-d12	936676	21.138				
1520-96-3	Perylene-d12	943970	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	410	J			15.533	
000057-10-3	n-Hexadecanoic acid	93	J			17.833	
000661-19-8	Behenic alcohol	110	J			20.856	
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ2	SDG No.:	BM012225
Lab Sample ID:	Q1139-15	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
BM049389.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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	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	42	U	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:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ2	SDG No.:	BM012225
Lab Sample ID:	Q1139-15	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
BM049389.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ2	SDG No.:	BM012225
Lab Sample ID:	Q1139-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049389.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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							
17647-74-4	1,4-Dioxane-d8	4.07		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	7.424	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	18.019		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.264		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.769		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.904		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	19.32		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.283		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.561		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.412		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.18		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.271		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.963		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	20.307		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ2	SDG No.:	BM012225
Lab Sample ID:	Q1139-15	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
BM049389.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.644		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	20.545		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	20.85		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.696		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211388	7.516				
1146-65-2	Naphthalene-d8	756259	10.28				
15067-26-2	Acenaphthene-d10	461826	14.157				
1517-22-2	Phenanthrene-d10	889536	16.909				
1719-03-5	Chrysene-d12	773728	21.139				
1520-96-3	Perylene-d12	802202	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.533	
000057-10-3	n-Hexadecanoic acid	88	J			17.833	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ3	SDG No.:	BM012225
Lab Sample ID:	Q1139-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BM049390.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.6	76	ug/Kg
100-52-7	Benzaldehyde	86	U	86	94.6	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	94.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	94.6	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.7	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	94.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	94.6	380	ug/Kg
98-86-2	Acetophenone	44	U	44	94.6	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	94.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.7	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.7	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.7	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	48.7	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.7	190	ug/Kg
105-60-2	Caprolactam	140	U	140	94.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	91	94.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ3	SDG No.:	BM012225
Lab Sample ID:	Q1139-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BM049390.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.7	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	94.6	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	94.6	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	94.6	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.7	190	ug/Kg
84-66-2	Diethylphthalate	69	U	69	48.7	190	ug/Kg
86-73-7	Fluorene	52	U	52	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	94.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	94.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.7	190	ug/Kg
1912-24-9	Atrazine	45	U	45	94.6	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.6	380	ug/Kg
85-01-8	Phenanthrene	110	J	50	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.7	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.7	190	ug/Kg
86-74-8	Carbazole	52	U	52	94.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.7	190	ug/Kg
206-44-0	Fluoranthene	93	J	50	94.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ3	SDG No.:	BM012225
Lab Sample ID:	Q1139-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BM049390.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	86	J	50	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	94.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	50	J	45	48.7	190	ug/Kg
218-01-9	Chrysene	52	U	52	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	94.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	62	J	48	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.179		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	13.53		20-120		34	SPK: -40
4165-62-2	Phenol-d5	19.325		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.64		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.436		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.623		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	20.725		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.909		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.81		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.736		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.531		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	21.135		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.381		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	20.67		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ3	SDG No.:	BM012225
Lab Sample ID:	Q1139-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BM049390.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.058		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	19.735		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	20.05		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.722		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215437	7.516				
1146-65-2	Naphthalene-d8	786166	10.28				
15067-26-2	Acenaphthene-d10	483559	14.157				
1517-22-2	Phenanthrene-d10	938143	16.909				
1719-03-5	Chrysene-d12	866290	21.139				
1520-96-3	Perylene-d12	902264	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
013798-23-7	Hexathiane	95	J			14.704	
000119-61-9	Benzophenone	410	J			15.533	
000057-10-3	n-Hexadecanoic acid	140	J			17.833	
000142-91-6	Isopropyl palmitate	85	J			18.268	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ4	SDG No.:	BM012225
Lab Sample ID:	Q1139-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049391.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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	98.7	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.7	390	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	50.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.7	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.7	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.9	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	50.9	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.9	200	ug/Kg
78-59-1	Isophorone	41	U	41	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	50.9	200	ug/Kg
91-20-3	Naphthalene	41	U	41	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.9	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	98.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ4	SDG No.:	BM012225
Lab Sample ID:	Q1139-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049391.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.9	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.7	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.7	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.7	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.9	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	50.9	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.9	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.7	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.7	390	ug/Kg
85-01-8	Phenanthrene	53	U	53	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.9	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.9	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.9	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	98.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ4	SDG No.:	BM012225
Lab Sample ID:	Q1139-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049391.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	98.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.9	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.817		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	8.597		20-120		21	SPK: -40
4165-62-2	Phenol-d5	20.482		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.832		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.853		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	19.455		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	22.179		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.24		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.339		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.28		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.227		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	22.433		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.208		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	22.061		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ4	SDG No.:	BM012225
Lab Sample ID:	Q1139-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049391.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.738		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.909		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	22.677		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.568		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228564	7.516				
1146-65-2	Naphthalene-d8	828356	10.281				
15067-26-2	Acenaphthene-d10	503473	14.157				
1517-22-2	Phenanthrene-d10	948077	16.91				
1719-03-5	Chrysene-d12	823416	21.139				
1520-96-3	Perylene-d12	863220	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
013798-23-7	Hexathiane	100	J			14.704	
000119-61-9	Benzophenone	380	J			15.533	
000057-10-3	n-Hexadecanoic acid	120	J			17.833	
	(DEL) Alkane: Straight-Chain	20.856	J			20.856	
E966796	Total Alkanes	93				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ5	SDG No.:	BM012225
Lab Sample ID:	Q1139-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM049392.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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	98.6	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.6	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.6	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.8	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.8	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.8	200	ug/Kg
78-59-1	Isophorone	41	U	41	50.8	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	50.8	200	ug/Kg
91-20-3	Naphthalene	41	U	41	50.8	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.8	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ5	SDG No.:	BM012225
Lab Sample ID:	Q1139-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM049392.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.8	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.8	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.8	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.8	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.6	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.6	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.6	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.8	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	50.8	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.8	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.8	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.8	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.6	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.6	390	ug/Kg
85-01-8	Phenanthrene	53	U	53	50.8	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.8	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.8	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.8	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	98.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ5	SDG No.:	BM012225
Lab Sample ID:	Q1139-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM049392.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	50.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.8	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	50.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.914		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	13.364		20-120		33	SPK: -40
4165-62-2	Phenol-d5	20.65		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.005		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.268		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	19.719		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	22.643		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.213		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.613		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.673		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.259		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.952		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.679		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	22.819		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ5	SDG No.:	BM012225
Lab Sample ID:	Q1139-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM049392.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.769		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	22.394		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	22.862		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.122		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220920	7.516				
1146-65-2	Naphthalene-d8	789833	10.28				
15067-26-2	Acenaphthene-d10	477716	14.157				
1517-22-2	Phenanthrene-d10	924792	16.909				
1719-03-5	Chrysene-d12	838698	21.139				
1520-96-3	Perylene-d12	889758	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	400	J			15.533	
000057-10-3	n-Hexadecanoic acid	150	J			17.833	
000506-51-4	n-Tetracosanol-1	100	J			20.862	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	YE8F5	SDG No.:	BM012225
Lab Sample ID:	Q1108-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049393.D	1	1/22/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7	70	ug/Kg
110-86-1	Pyridine	45	U	45	170	350	ug/Kg
100-52-7	Benzaldehyde	79	U	79	86.9	350	ug/Kg
108-95-2	Phenol	37	U	37	86.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	86.9	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	44.8	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	86.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	28	U	28	86.9	350	ug/Kg
98-86-2	Acetophenone	40	U	40	86.9	350	ug/Kg
106-44-5	4-Methylphenol	34	U	34	86.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31	U	31	44.8	180	ug/Kg
67-72-1	Hexachloroethane	24	U	24	44.8	180	ug/Kg
98-95-3	Nitrobenzene	38	U	38	44.8	180	ug/Kg
78-59-1	Isophorone	36	U	36	44.8	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	44.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	44.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	44.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	44.8	180	ug/Kg
91-20-3	Naphthalene	36	U	36	44.8	180	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	44.8	350	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	44.8	180	ug/Kg
105-60-2	Caprolactam	130	U	130	86.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	44.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	44.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	44.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	83	U	83	86.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45	U	45	44.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	44.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	YE8F5	SDG No.:	BM012225
Lab Sample ID:	Q1108-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049393.D	1	1/22/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	44.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	44.8	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	44.8	180	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	44.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	44.8	180	ug/Kg
208-96-8	Acenaphthylene	45	U	45	44.8	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	86.9	350	ug/Kg
83-32-9	Acenaphthene	43	U	43	44.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	86.9	350	ug/Kg
100-02-7	4-Nitrophenol	43	U	43	86.9	350	ug/Kg
132-64-9	Dibenzofuran	48	U	48	44.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	44.8	180	ug/Kg
84-66-2	Diethylphthalate	63	U	63	44.8	180	ug/Kg
86-73-7	Fluorene	47	U	47	44.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	44.8	180	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	86.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	86.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	44.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	44.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47	U	47	44.8	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	44.8	180	ug/Kg
1912-24-9	Atrazine	41	U	41	86.9	350	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	86.9	350	ug/Kg
85-01-8	Phenanthrene	46	U	46	44.8	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	44.8	180	ug/Kg
120-12-7	Anthracene	45	U	45	44.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	44.8	180	ug/Kg
86-74-8	Carbazole	47	U	47	86.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	44	U	44	44.8	180	ug/Kg
206-44-0	Fluoranthene	46	U	46	86.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	YE8F5	SDG No.:	BM012225
Lab Sample ID:	Q1108-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049393.D	1	1/22/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	44.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	44.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24	U	24	86.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	44.8	180	ug/Kg
218-01-9	Chrysene	47	U	47	44.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	U	46	44.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	36	U	36	86.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	44.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	44.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	44	U	44	44.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	44.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	44.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	44.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	44.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.393		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	14.192		20-120		35	SPK: -40
4165-62-2	Phenol-d5	20.65		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.795		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.644		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.604		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	22.269		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.197		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.306		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.241		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.669		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.995		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.036		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	23.908		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	YE8F5	SDG No.:	BM012225
Lab Sample ID:	Q1108-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049393.D	1	1/22/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.746		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	23.745		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.793		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.196		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243339	7.516				
1146-65-2	Naphthalene-d8	895555	10.281				
15067-26-2	Acenaphthene-d10	544900	14.157				
1517-22-2	Phenanthrene-d10	1014918	16.91				
1719-03-5	Chrysene-d12	846564	21.139				
1520-96-3	Perylene-d12	853658	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	400	J			15.533	
000057-10-3	n-Hexadecanoic acid	120	J			17.839	
	(DEL) Alkane: Straight-Chain	110	J			20.856	
000112-84-5	13-Docosenamide, (Z)-	160	J			22.456	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS160	SDG No.:	BM012225
Lab Sample ID:	PB166160BS	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
BM049394.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	170	J	75	82.5	330	ug/Kg
110-86-1	Pyridine	700		43	170	330	ug/Kg
108-95-2	Phenol	690		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	660		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	700		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	650		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	700		27	82.5	330	ug/Kg
98-86-2	Acetophenone	630		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	640		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	650		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	680		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	710		36	42.5	170	ug/Kg
78-59-1	Isophorone	640		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	650		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	670		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	660		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	700		39	42.5	170	ug/Kg
91-20-3	Naphthalene	680		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	350		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	700		34	42.5	170	ug/Kg
105-60-2	Caprolactam	520		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	630		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	660		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	660		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	570		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	680		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	690		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS160	SDG No.:	BM012225
Lab Sample ID:	PB166160BS	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
BM049394.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	700		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	680		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	660		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	660		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	680		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	580		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	690		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	460		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	580		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	690		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	650		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	650		60	42.5	170	ug/Kg
86-73-7	Fluorene	700		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	690		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	660		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	690		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	690		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	680		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	660		50	42.5	170	ug/Kg
1912-24-9	Atrazine	580		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	580		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	680		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	670		51	42.5	170	ug/Kg
120-12-7	Anthracene	690		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	710		33	42.5	170	ug/Kg
86-74-8	Carbazole	640		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	640		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	650		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS160	SDG No.:	BM012225
Lab Sample ID:	PB166160BS	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
BM049394.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	650		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	610		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	590		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	680		39	42.5	170	ug/Kg
218-01-9	Chrysene	690		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	620		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	540		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	680		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	680		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	740		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	640		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.172		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	20.441		20-120		51	SPK: -40
4165-62-2	Phenol-d5	20.319		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.958		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.772		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	18.795		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.656		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.261		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.701		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.13		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.204		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.24		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.568		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	20.102		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS160	SDG No.:	BM012225
Lab Sample ID:	PB166160BS	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
BM049394.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.72		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	20.202		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	19.07		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.123		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	246151	7.522				
1146-65-2	Naphthalene-d8	925469	10.281				
15067-26-2	Acenaphthene-d10	598671	14.157				
1517-22-2	Phenanthrene-d10	1163777	16.91				
1719-03-5	Chrysene-d12	1098780	21.139				
1520-96-3	Perylene-d12	1072296	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK160	SDG No.:	BM012225
Lab Sample ID:	PB166160BL	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
BM049396.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK160	SDG No.:	BM012225
Lab Sample ID:	PB166160BL	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
BM049396.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK160	SDG No.:	BM012225
Lab Sample ID:	PB166160BL	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
BM049396.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

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	4.611		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	22.098		20-120		55	SPK: -40
4165-62-2	Phenol-d5	21.418		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.436		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.245		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.06		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.401		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.641		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.188		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.161		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.167		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.838		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.439		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	21.812		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK160	SDG No.:	BM012225
Lab Sample ID:	PB166160BL	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
BM049396.D	1	1/21/2025 12:00:00 AM	1/22/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.794		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.158		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	24.227		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.568		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	320406	7.516				
1146-65-2	Naphthalene-d8	1162808	10.281				
15067-26-2	Acenaphthene-d10	724606	14.157				
1517-22-2	Phenanthrene-d10	1393807	16.91				
1719-03-5	Chrysene-d12	1143818	21.139				
1520-96-3	Perylene-d12	1157841	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/22/2025 12:00:00 AM
Project:		Date Received:	1/22/2025 12:00:00 AM
Client Sample ID:	SBLK176	SDG No.:	BM012225
Lab Sample ID:	PB166176BL	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
BM049397.D	1	1/22/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166176

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:	1/22/2025 12:00:00 AM
Project:		Date Received:	1/22/2025 12:00:00 AM
Client Sample ID:	SBLK176	SDG No.:	BM012225
Lab Sample ID:	PB166176BL	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
BM049397.D	1	1/22/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166176

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:	1/22/2025 12:00:00 AM
Project:		Date Received:	1/22/2025 12:00:00 AM
Client Sample ID:	SBLK176	SDG No.:	BM012225
Lab Sample ID:	PB166176BL	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
BM049397.D	1	1/22/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166176

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	6.287		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	28.987		20-120		72	SPK: -40
4165-62-2	Phenol-d5	28.839		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.276		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.308		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	27.627		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	31.951		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.453		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.286		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.795		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.13		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.373		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.895		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	33.54		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	1/22/2025 12:00:00 AM
Project:		Date Received:	1/22/2025 12:00:00 AM
Client Sample ID:	SBLK176	SDG No.:	BM012225
Lab Sample ID:	PB166176BL	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
BM049397.D	1	1/22/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.231		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	35.078		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	39.003		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.155		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253611	7.516				
1146-65-2	Naphthalene-d8	926265	10.28				
15067-26-2	Acenaphthene-d10	569183	14.157				
1517-22-2	Phenanthrene-d10	1066436	16.909				
1719-03-5	Chrysene-d12	840293	21.133				
1520-96-3	Perylene-d12	852395	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ6	SDG No.:	BM012225
Lab Sample ID:	Q1139-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BM049398.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	99	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99	400	ug/Kg
106-44-5	4-Methylphenol	38	U	38	99	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	210		41	51	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99	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	77	J	44	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99	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:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ6	SDG No.:	BM012225
Lab Sample ID:	Q1139-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BM049398.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

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	450		52	51	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99	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	110	J	54	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	51	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	99	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99	400	ug/Kg
87-86-5	Pentachlorophenol	150	J	100	99	400	ug/Kg
85-01-8	Phenanthrene	830		53	51	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51	200	ug/Kg
120-12-7	Anthracene	2300		52	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51	200	ug/Kg
86-74-8	Carbazole	54	U	54	99	400	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	51	200	ug/Kg
206-44-0	Fluoranthene	5000	E	53	99	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ6	SDG No.:	BM012225
Lab Sample ID:	Q1139-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BM049398.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500	E	53	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99	400	ug/Kg
56-55-3	Benzo(a)anthracene	2800		47	51	200	ug/Kg
218-01-9	Chrysene	5400	E	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	99	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	6900	E	50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	900		50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860		44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	490		44	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	42	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.623		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	2.628	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	13.599		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.896		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.154		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.284		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	14.547		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.333		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.016		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.96		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.566		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	14.336		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.642		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	14.372		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ6	SDG No.:	BM012225
Lab Sample ID:	Q1139-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BM049398.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.854		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	14.077		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	9.96		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.992		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	279404	7.516				
1146-65-2	Naphthalene-d8	1023000	10.28				
15067-26-2	Acenaphthene-d10	651502	14.157				
1517-22-2	Phenanthrene-d10	1352633	16.909				
1719-03-5	Chrysene-d12	1521222	21.15				
1520-96-3	Perylene-d12	1524409	23.932				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-13-6	Indene	170	J			8.051	
000098-86-2	Aceto phenone	500	J			8.334	
000120-72-9	Indole	170	J			11.792	
000119-61-9	Benzophenone	320	J			15.533	
000260-94-6	Acridine	310	J			17.104	
000244-99-5	5H-Indeno[1,2-b]pyridine	1000	J			17.321	
002531-84-2	Phenanthrene, 2-methyl-	170	J			17.786	
000832-69-9	Phenanthrene, 1-methyl-	440	J			17.833	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	330	J			17.915	
000203-64-5	4H-Cyclopenta[def]phenanthrene	810	J			17.98	
003652-91-3	9H-Carbazole, 2-methyl-	140	J			18.092	
000090-44-8	Anthrone	200	J			18.18	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	130	J			18.292	
000084-65-1	9,10-Anthracenedione	540	J			18.333	
001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J			18.592	
002789-88-0	di-p-Tolylacetylene	180	J			18.633	
003674-66-6	Phenanthrene, 2,5-dimethyl-	350	J			18.721	

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ6	SDG No.:	BM012225
Lab Sample ID:	Q1139-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BM049398.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005737-13-3	Cyclopenta(def)phenanthrenone	360	J			18.856	
033543-31-6	Fluoranthene, 2-methyl-	160	J			19.68	
002381-21-7	Pyrene, 1-methyl-	150	J			19.809	
000238-84-6	11H-Benzo[a]fluorene	210	J			19.845	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.95	
003442-78-2	Pyrene, 2-methyl-	210	J			20.003	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	J			20.597	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	210	J			20.762	
002498-76-2	Benz[a]anthracene, 2-methyl-	180	J			21.791	
001705-85-7	Chrysene, 6-methyl-	140	J			21.856	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	160	J			23.215	
000192-97-2	Benzo[e]pyrene	390	J			23.285	
000198-55-0	Perylene	740	J			23.685	
	(DEL) Alkane: Straight-Chain	24.915	J			24.915	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ7	SDG No.:	BM012225
Lab Sample ID:	Q1139-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049399.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.4	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.2	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.4	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.4	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.2	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.2	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.2	200	ug/Kg
78-59-1	Isophorone	41	U	41	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.2	200	ug/Kg
91-20-3	Naphthalene	41	U	41	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.2	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ7	SDG No.:	BM012225
Lab Sample ID:	Q1139-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049399.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.2	200	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.4	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.4	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.2	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.2	200	ug/Kg
86-73-7	Fluorene	54	U	54	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.2	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.4	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51.2	200	ug/Kg
120-12-7	Anthracene	69	J	52	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.2	200	ug/Kg
86-74-8	Carbazole	54	U	54	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.2	200	ug/Kg
206-44-0	Fluoranthene	120	J	53	99.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ7	SDG No.:	BM012225
Lab Sample ID:	Q1139-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049399.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	53	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	97	J	47	51.2	200	ug/Kg
218-01-9	Chrysene	190	J	54	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		51	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	J	54	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	51	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87	J	45	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97	J	42	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.755		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	20.55		20-120		51	SPK: -40
4165-62-2	Phenol-d5	23.938		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.057		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.271		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.557		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.962		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.751		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.421		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.35		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.047		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.012		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.64		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	23.367		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ7	SDG No.:	BM012225
Lab Sample ID:	Q1139-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049399.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.995		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	23.435		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	23.769		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.955		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	350776	7.516				
1146-65-2	Naphthalene-d8	1333552	10.28				
15067-26-2	Acenaphthene-d10	808465	14.157				
1517-22-2	Phenanthrene-d10	1469606	16.909				
1719-03-5	Chrysene-d12	1202544	21.139				
1520-96-3	Perylene-d12	1207933	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	540	J			15.533	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	87	J			16.098	
000057-10-3	n-Hexadecanoic acid	300	J			17.839	
	(DEL) Alkane: Cyclic20.862	96	J			20.862	
000192-97-2	Benzo[e]pyrene	130	J			23.662	
E966796	Total Alkanes	96				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH3	SDG No.:	BM012225
Lab Sample ID:	Q1139-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049400.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

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	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	52.1	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	52.1	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.1	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.1	210	ug/Kg
91-20-3	Naphthalene	23000	E	42	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	9300	E	50	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	16000	E	45	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH3	SDG No.:	BM012225
Lab Sample ID:	Q1139-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049400.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.1	210	ug/Kg
208-96-8	Acenaphthylene	680		53	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	400	ug/Kg
83-32-9	Acenaphthene	12000	E	50	52.1	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	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.1	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.1	210	ug/Kg
86-73-7	Fluorene	9900	E	55	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.1	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	230	J	110	100	400	ug/Kg
85-01-8	Phenanthrene	21000	E	54	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.1	210	ug/Kg
120-12-7	Anthracene	5900	E	53	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	52.1	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.1	210	ug/Kg
206-44-0	Fluoranthene	16000	E	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH3	SDG No.:	BM012225
Lab Sample ID:	Q1139-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049400.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	11000	E	54	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	7600	E	48	52.1	210	ug/Kg
218-01-9	Chrysene	7300	E	55	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	5900	E	52	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		55	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		52	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	810		45	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	450		45	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	43	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.454		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.273		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.331		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.86		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.828		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	16.898		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.715		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.672		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.707		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.843		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	14.721		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.654		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	14.556		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH3	SDG No.:	BM012225
Lab Sample ID:	Q1139-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049400.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.203		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	17.552		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	14.029		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.316		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	426875	7.516				
1146-65-2	Naphthalene-d8	1573064	10.298				
15067-26-2	Acenaphthene-d10	1091925	14.163				
1517-22-2	Phenanthrene-d10	1576194	16.945				
1719-03-5	Chrysene-d12	1305124	21.157				
1520-96-3	Perylene-d12	1371858	23.927				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	820	J			7.887	
000095-13-6	Indene	700	J			8.046	
000092-52-4	Biphenyl	1600	J			12.998	
000939-27-5	Naphthalene, 2-ethyl-	710	J			13.187	
000571-61-9	Naphthalene, 1,5-dimethyl-	600	J			13.322	
000571-58-4	Naphthalene, 1,4-dimethyl-	1000	J			13.486	
000581-40-8	Naphthalene, 2,3-dimethyl-	400	J			13.716	
000613-46-7	2-Naphthalenecarbonitrile	320	J			14.31	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	180	J			14.645	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	170	J			14.786	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	150	J			14.845	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	150	J			14.963	
000954-21-2	Nordiphenamid	570	J			15.386	
000101-81-5	Diphenylmethane	390	J			15.469	
006344-67-8	9H-Fluoren-3-ol	1000	J			15.522	
007320-53-8	Dibenzofuran, 4-methyl-	200	J			15.669	
000132-65-0	Dibenzothiophene	240	J			16.745	

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH3	SDG No.:	BM012225
Lab Sample ID:	Q1139-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049400.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002531-84-2	Phenanthrene, 2-methyl-	180	J			17.798	
000832-69-9	Phenanthrene, 1-methyl-	220	J			17.851	
000612-94-2	Naphthalene, 2-phenyl-	140	J			18.304	
000243-42-5	Benzo[b]naphtho[2,3-d]furan	160	J			19.539	
002381-21-7	Pyrene, 1-methyl-	240	J			19.698	
000243-17-4	11H-Benzo[b]fluorene	160	J			19.816	
000238-84-6	11H-Benzo[a]fluorene	240	J			19.857	
033543-31-6	Fluoranthene, 2-methyl-	170	J			19.957	
003442-78-2	Pyrene, 2-methyl-	180	J			20.01	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			20.604	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	170	J			20.768	
000192-97-2	Benzo[e]pyrene	630	J			23.68	
000360-68-9	Cholestan-3-ol, (3.beta.,5.beta.)-	790	J			25.409	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH9	SDG No.:	BM012225
Lab Sample ID:	Q1139-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049401.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.4	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.2	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.4	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.4	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.2	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.2	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.2	200	ug/Kg
78-59-1	Isophorone	41	U	41	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.2	200	ug/Kg
91-20-3	Naphthalene	650		41	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.2	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	2200		49	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH9	SDG No.:	BM012225
Lab Sample ID:	Q1139-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049401.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.2	200	ug/Kg
208-96-8	Acenaphthylene	670		52	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.4	400	ug/Kg
83-32-9	Acenaphthene	17000	E	49	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.4	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.2	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.2	200	ug/Kg
86-73-7	Fluorene	15000	E	54	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.2	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	130	J	100	99.4	400	ug/Kg
85-01-8	Phenanthrene	28000	E	53	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51.2	200	ug/Kg
120-12-7	Anthracene	9500	E	52	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.2	200	ug/Kg
86-74-8	Carbazole	54	U	54	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.2	200	ug/Kg
206-44-0	Fluoranthene	26000	E	53	99.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH9	SDG No.:	BM012225
Lab Sample ID:	Q1139-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049401.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18000	E	53	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	12000	E	47	51.2	200	ug/Kg
218-01-9	Chrysene	14000	E	54	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	10000	E	51	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	3500	E	54	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	2200		51	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		45	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	580		45	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	42	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.842		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	1.228	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	20.894		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.841		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.085		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.939		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.124		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.56		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.341		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.053		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.922		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.616		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.773		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	19.731		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH9	SDG No.:	BM012225
Lab Sample ID:	Q1139-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049401.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.263	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	22.074		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	14.972		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.752		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	385863	7.516				
1146-65-2	Naphthalene-d8	1381037	10.281				
15067-26-2	Acenaphthene-d10	826967	14.163				
1517-22-2	Phenanthrene-d10	1244600	16.933				
1719-03-5	Chrysene-d12	1186049	21.174				
1520-96-3	Perylene-d12	1418857	23.938				
TENTATIVE IDENTIFIED COMPOUNDS							
000092-52-4	Biphenyl	800	J			12.986	
000582-16-1	Naphthalene, 2,7-dimethyl-	900	J			13.316	
000581-40-8	Naphthalene, 2,3-dimethyl-	1300	J			13.48	
000575-41-7	Naphthalene, 1,3-dimethyl-	610	J			13.533	
000573-98-8	Naphthalene, 1,2-dimethyl-	560	J			13.716	
001855-47-6	1-Isopropenylnaphthalene	960	J			14.48	
000132-64-9	Dibenzo furan	6200	J			14.58	
006344-67-8	9H-Fluoren-3-ol	3100	J			15.521	
007320-53-8	Dibenzofuran, 4-methyl-	240	J			15.668	
002523-39-9	9H-Fluorene, 3-methyl-	190	J			16.233	
001730-37-6	9H-Fluorene, 1-methyl-	82	J			16.38	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	150	J			16.674	
000132-65-0	Dibenzothiophene	340	J			16.745	
000605-02-7	Naphthalene, 1-phenyl-	120	J			17.445	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	330	J			17.81	
000832-69-9	Phenanthrene, 1-methyl-	390	J			17.862	
000610-48-0	Anthracene, 1-methyl-	130	J			17.945	

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH9	SDG No.:	BM012225
Lab Sample ID:	Q1139-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049401.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000612-94-2	Naphthalene, 2-phenyl-	240	J			18.309	
003674-66-6	Phenanthrene, 2,5-dimethyl-	110	J			18.733	
000243-42-5	Benzo[b]naphtho[2,3-d]furan	290	J			19.556	
002381-21-7	Pyrene, 1-methyl-	340	J			19.703	
033543-31-6	Fluoranthene, 2-methyl-	210	J			19.833	
000243-17-4	11H-Benzo[b]fluorene	580	J			19.88	
003353-12-6	Pyrene, 4-methyl-	280	J			20.033	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	230	J			20.78	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	110	J			21.339	
050861-05-7	9H-Cyclopenta[a]pyrene	100	J			22.08	
000192-97-2	Benzo[e]pyrene	730	J			23.291	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	680	J			23.468	
000198-55-0	Perylene	1100	J			23.691	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH7	SDG No.:	BM012225
Lab Sample ID:	Q1139-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049402.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

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	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	52.1	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	52.1	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.1	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.1	210	ug/Kg
91-20-3	Naphthalene	14000	E	42	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	6000	E	50	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	11000	E	45	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	52.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH7	SDG No.:	BM012225
Lab Sample ID:	Q1139-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049402.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.1	210	ug/Kg
208-96-8	Acenaphthylene	240		53	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	400	ug/Kg
83-32-9	Acenaphthene	8600	E	50	52.1	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	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.1	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.1	210	ug/Kg
86-73-7	Fluorene	7000	E	55	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.1	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	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.1	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	16000	E	54	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.1	210	ug/Kg
120-12-7	Anthracene	4300	E	53	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	52.1	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	52.1	210	ug/Kg
206-44-0	Fluoranthene	9500	E	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH7	SDG No.:	BM012225
Lab Sample ID:	Q1139-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049402.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7800	E	54	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	3600	E	48	52.1	210	ug/Kg
218-01-9	Chrysene	3400	E	55	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		51	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	590		55	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	1000		51	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270		45	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93	J	45	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		43	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.482		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	15.407		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.548		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.359		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.642		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.611		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	20.975		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.728		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.375		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.334		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.388		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	15.265		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.734		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	13.569		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH7	SDG No.:	BM012225
Lab Sample ID:	Q1139-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049402.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.98	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	14.66		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	13.947		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.869		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	492495	7.516				
1146-65-2	Naphthalene-d8	1823555	10.292				
15067-26-2	Acenaphthene-d10	1131053	14.163				
1517-22-2	Phenanthrene-d10	1767116	16.927				
1719-03-5	Chrysene-d12	1612825	21.15				
1520-96-3	Perylene-d12	1696223	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	690	J			7.886	
014315-11-8	Benzo[b]thiophene, 4-methyl-	560	J			12.074	
000092-52-4	Biphenyl	1600	J			12.992	
000939-27-5	Naphthalene, 2-ethyl-	640	J			13.186	
000582-16-1	Naphthalene, 2,7-dimethyl-	620	J			13.321	
000581-40-8	Naphthalene, 2,3-dimethyl-	970	J			13.48	
000571-61-9	Naphthalene, 1,5-dimethyl-	580	J			13.533	
000575-43-9	Naphthalene, 1,6-dimethyl-	380	J			13.716	
000613-46-7	2-Naphthalenecarbonitrile	250	J			14.304	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	150	J			14.645	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	150	J			14.786	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	140	J			14.839	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	130	J			14.963	
000954-21-2	Nordiphenamid	460	J			15.38	
000101-81-5	Diphenylmethane	320	J			15.468	
007320-53-8	Dibenzofuran, 4-methyl-	890	J			15.515	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	140	J			15.662	

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH7	SDG No.:	BM012225
Lab Sample ID:	Q1139-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049402.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000486-25-9	9H-Fluoren-9-one	140	J			16.586	
000132-65-0	Dibenzothiophene	180	J			16.739	
000244-99-5	5H-Indeno[1,2-b]pyridine	120	J			17.327	
002531-84-2	Phenanthrene, 2-methyl-	110	J			17.792	
000832-69-9	Phenanthrene, 1-methyl-	150	J			17.845	
079965-99-4	Phenalen[1,9-bc]thiophene	140	J			19.227	
000243-24-3	Indeno[2,1-b]chromene,	120	J			19.533	
000243-17-4	11H-Benzo[b]fluorene	270	J			19.85	
000238-84-6	11H-Benzo[a]fluorene	210	J			19.95	
002381-21-7	Pyrene, 1-methyl-	130	J			20.009	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	130	J			20.762	
027208-37-3	Cyclopenta[cd]pyrene	140	J			20.845	
000192-97-2	Benzo[e]pyrene	650	J			23.668	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH8	SDG No.:	BM012225
Lab Sample ID:	Q1139-11	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
BM049403.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

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	870		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	160	J	49	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	96	J	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:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH8	SDG No.:	BM012225
Lab Sample ID:	Q1139-11	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
BM049403.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

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	180	J	52	51	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.9	400	ug/Kg
83-32-9	Acenaphthene	4100	E	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	4100	E	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	8500	E	53	51	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51	200	ug/Kg
120-12-7	Anthracene	5000	E	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	10000	E	53	98.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH8	SDG No.:	BM012225
Lab Sample ID:	Q1139-11	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
BM049403.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	8600	E	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	3300	E	47	51	200	ug/Kg
218-01-9	Chrysene	3600	E	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	2000		50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	650		54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	1200		50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370		44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	44	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		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	4.657		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	20.979		20-120		52	SPK: -40
4165-62-2	Phenol-d5	23.917		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.619		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.338		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.22		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	26.654		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.169		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.296		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.392		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.407		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.977		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.787		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	23.13		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH8	SDG No.:	BM012225
Lab Sample ID:	Q1139-11	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
BM049403.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.141		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	23.846		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	23.418		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.754		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	380279	7.516				
1146-65-2	Naphthalene-d8	1401990	10.28				
15067-26-2	Acenaphthene-d10	850826	14.157				
1517-22-2	Phenanthrene-d10	1444111	16.915				
1719-03-5	Chrysene-d12	1297024	21.144				
1520-96-3	Perylene-d12	1325401	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	11.322	380	J		11.322	
000091-63-4	Quinoline, 2-methyl-	930	J			12.074	
	(DEL) Alkane: Straight-Chain	12.704	220	J		12.704	
000092-52-4	Biphenyl	400	J			12.986	
000581-42-0	Naphthalene, 2,6-dimethyl-	290	J			13.316	
000575-43-9	Naphthalene, 1,6-dimethyl-	420	J			13.474	
	(DEL) Alkane: Straight-Chain	13.669	480	J		13.669	
	(DEL) Alkane: Straight-Chain	14.086	190	J		14.086	
000132-64-9	Dibenzo furan	1500	J			14.563	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	1100	J			15.515	
000244-99-5	5H-Indeno[1,2-b]pyridine	670	J			15.727	
	(DEL) Alkane: Straight-Chain	15.933	570	J		15.933	
000613-31-0	Anthracene, 9,10-dihydro-	730	J			16.009	
001430-97-3	9H-Fluorene, 2-methyl-	1500	J			16.221	
002523-39-9	9H-Fluorene, 3-methyl-	540	J			16.268	
001730-37-6	9H-Fluorene, 1-methyl-	560	J			16.368	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	1100	J			16.668	

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZH8	SDG No.:	BM012225
Lab Sample ID:	Q1139-11	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
BM049403.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000132-65-0	Dibenzothiophene	2700	J			16.733	
000260-94-6	Acridine	510	J			17.104	
000086-74-8	Carba zole	720	J			17.321	
000605-02-7	Naphthalene, 1-phenyl-	740	J			17.439	
016587-52-3	Dibenzothiophene, 3-methyl-	360	J			17.639	
002531-84-2	Phenanthrene, 2-methyl-	1900	J			17.792	
000832-69-9	Phenanthrene, 1-methyl-	2400	J			17.839	
000613-12-7	Anthracene, 2-methyl-	940	J			17.921	
000203-64-5	4H-Cyclopenta[def]phenanthrene	5900	J			17.992	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	800	J			18.021	
000612-94-2	Naphthalene, 2-phenyl-	1600	J			18.298	
003674-69-9	Phenanthrene, 4,5-dimethyl-	390	J			18.545	
001576-67-6	Phenanthrene, 3,6-dimethyl-	350	J			18.598	
003674-66-6	Phenanthrene, 2,5-dimethyl-	740	J			18.721	
006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro-	390	J			18.886	
000238-84-6	11H-Benzo[a]fluorene	360	J			19.85	
000243-17-4	11H-Benzo[b]fluorene	370	J			19.95	
000192-97-2	Benzo[e]pyrene	860	J			23.668	
E966796	Total Alkanes	1800				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH5	SDG No.:	BM012225
Lab Sample ID:	Q1139-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM049404.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	100	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.8	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.8	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.8	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.8	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	51.8	210	ug/Kg
91-20-3	Naphthalene	4600	E	41	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.8	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	630		50	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	7500	E	45	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH5	SDG No.:	BM012225
Lab Sample ID:	Q1139-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM049404.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	51.8	210	ug/Kg
208-96-8	Acenaphthylene	290		52	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	7100	E	50	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.8	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.8	210	ug/Kg
86-73-7	Fluorene	18000	E	55	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.8	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	590		110	100	400	ug/Kg
85-01-8	Phenanthrene	23000	E	54	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.8	210	ug/Kg
120-12-7	Anthracene	30000	E	52	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.8	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.8	210	ug/Kg
206-44-0	Fluoranthene	9900	E	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH5	SDG No.:	BM012225
Lab Sample ID:	Q1139-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM049404.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7200	E	54	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	3100		48	51.8	210	ug/Kg
218-01-9	Chrysene	4500	E	55	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		51	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	930		55	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	560		51	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		45	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	45	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.697		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	4.733	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	14.897		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.466		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.964		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.574		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.709		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.17		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.744		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.85		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.835		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.426		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.638		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	15.494		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH5	SDG No.:	BM012225
Lab Sample ID:	Q1139-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM049404.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.089	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	9.378		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	13.537		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.659		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	436883	7.516				
1146-65-2	Naphthalene-d8	1689273	10.281				
15067-26-2	Acenaphthene-d10	1050474	14.163				
1517-22-2	Phenanthrene-d10	1540589	16.933				
1719-03-5	Chrysene-d12	1456363	21.15				
1520-96-3	Perylene-d12	1506869	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.581	220	J			5.581	
000098-86-2	Aceto phenone	420	J			8.334	
	(DEL) Alkane: Straight-Chain8.745	320	J			8.745	
000092-52-4	Biphenyl	2200	J			12.986	
001127-76-0	Naphthalene, 1-ethyl-	340	J			13.18	
000581-42-0	Naphthalene, 2,6-dimethyl-	1600	J			13.316	
000571-58-4	Naphthalene, 1,4-dimethyl-	760	J			13.475	
000571-61-9	Naphthalene, 1,5-dimethyl-	490	J			13.533	
000581-40-8	Naphthalene, 2,3-dimethyl-	1800	J			13.716	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	360	J			14.645	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	350	J			14.786	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	570	J			14.845	
000643-58-3	1,1-Biphenyl, 2-methyl-	1800	J			15.474	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	130	J			15.663	
000132-65-0	Dibenzothiophene	210	J			16.739	
000268-77-9	Naphtho[2,3-b]thiophene	120	J			17.239	
000244-99-5	5H-Indeno[1,2-b]pyridine	960	J			17.398	

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH5	SDG No.:	BM012225
Lab Sample ID:	Q1139-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM049404.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002531-84-2	Phenanthrene, 2-methyl-	130	J			17.851	
000613-12-7	Anthracene, 2-methyl-	190	J			17.951	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.004	
000832-69-9	Phenanthrene, 1-methyl-	96	J			18.039	
000243-42-5	Benzo[b]naphtho[2,3-d]furan	120	J			19.427	
000243-24-3	Indeno[2,1-b]chromene,	160	J			19.533	
002381-21-7	Pyrene, 1-methyl-	110	J			19.674	
033543-31-6	Fluoranthene, 2-methyl-	100	J			19.815	
000243-17-4	11H-Benzo[b]fluorene	450	J			19.856	
000238-84-6	11H-Benzo[a]fluorene	450	J			19.956	
003442-78-2	Pyrene, 2-methyl-	170	J			20.009	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	130	J			20.768	
027208-37-3	Cyclopenta[cd]pyrene	120	J			20.845	
E966796	Total Alkanes	540				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH4	SDG No.:	BM012225
Lab Sample ID:	Q1139-07	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
BM049405.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

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	17000	E	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	6900	E	49	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	12000	E	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:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH4	SDG No.:	BM012225
Lab Sample ID:	Q1139-07	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
BM049405.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

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	360		52	51	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.9	400	ug/Kg
83-32-9	Acenaphthene	10000	E	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	9900	E	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	19000	E	53	51	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51	200	ug/Kg
120-12-7	Anthracene	7900	E	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	12000	E	53	98.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH4	SDG No.:	BM012225
Lab Sample ID:	Q1139-07	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
BM049405.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	8500	E	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	5000	E	47	51	200	ug/Kg
218-01-9	Chrysene	4700	E	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	2400		50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	930		54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	670		50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	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	2.84		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	4.154	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	16.453		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.516		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.309		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.437		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	19.685		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.537		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.214		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.82		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.13		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.531		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.923		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	17.329		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH4	SDG No.:	BM012225
Lab Sample ID:	Q1139-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049405.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.674	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	19.821		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	16.073		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.117		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	490958	7.516				
1146-65-2	Naphthalene-d8	1835203	10.293				
15067-26-2	Acenaphthene-d10	1222469	14.163				
1517-22-2	Phenanthrene-d10	1775579	16.933				
1719-03-5	Chrysene-d12	1534703	21.151				
1520-96-3	Perylene-d12	1673625	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000092-52-4	Biphenyl	1500	J			12.992	
000939-27-5	Naphthalene, 2-ethyl-	660	J			13.186	
000582-16-1	Naphthalene, 2,7-dimethyl-	570	J			13.322	
000571-58-4	Naphthalene, 1,4-dimethyl-	930	J			13.48	
000581-42-0	Naphthalene, 2,6-dimethyl-	580	J			13.534	
000581-40-8	Naphthalene, 2,3-dimethyl-	400	J			13.716	
000613-46-7	2-Naphthalenecarbonitrile	270	J			14.304	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	170	J			14.645	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	160	J			14.786	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	150	J			14.839	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	140	J			14.963	
000101-81-5	Diphenylmethane	420	J			15.469	
007320-53-8	Dibenzofuran, 4-methyl-	910	J			15.522	
006344-67-8	9H-Fluoren-3-ol	190	J			15.669	
002523-39-9	9H-Fluorene, 3-methyl-	94	J			16.227	
000132-65-0	Dibenzothiophene	220	J			16.739	
000244-99-5	5H-Indeno[1,2-b]pyridine	180	J			17.333	

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH4	SDG No.:	BM012225
Lab Sample ID:	Q1139-07	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
BM049405.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002531-84-2	Phenanthrene, 2-methyl-	160	J			17.798	
000832-69-9	Phenanthrene, 1-methyl-	180	J			17.845	
000612-94-2	Naphthalene, 2-phenyl-	120	J			18.304	
000243-24-3	Indeno[2,1-b]chromene,	110	J			19.427	
000205-39-0	Benzo(b)naphtho(1,2-d)furan	150	J			19.533	
033543-31-6	Fluoranthene, 2-methyl-	210	J			19.68	
002381-21-7	Pyrene, 1-methyl-	120	J			19.815	
000243-17-4	11H-Benzo[b]fluorene	350	J			19.857	
000238-84-6	11H-Benzo[a]fluorene	330	J			19.957	
003353-12-6	Pyrene, 4-methyl-	160	J			20.009	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	130	J			20.762	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH6	SDG No.:	BM012225
Lab Sample ID:	Q1139-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM049406.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.9	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.9	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	52.9	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	52.9	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	52.9	210	ug/Kg
91-20-3	Naphthalene	3100		42	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.9	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	2400		51	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	3400	E	46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH6	SDG No.:	BM012225
Lab Sample ID:	Q1139-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM049406.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.9	210	ug/Kg
208-96-8	Acenaphthylene	400		54	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	8500	E	51	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	52.9	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	52.9	210	ug/Kg
86-73-7	Fluorene	11000	E	56	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.9	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	4000		110	100	410	ug/Kg
85-01-8	Phenanthrene	14000	E	55	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.9	210	ug/Kg
120-12-7	Anthracene	14000	E	54	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.9	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.9	210	ug/Kg
206-44-0	Fluoranthene	10000	E	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH6	SDG No.:	BM012225
Lab Sample ID:	Q1139-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM049406.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7500	E	55	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	4100	E	49	52.9	210	ug/Kg
218-01-9	Chrysene	4400	E	56	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200		52	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		56	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	700		52	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370		46	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210		46	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	J	44	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.327		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	6.175	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	13.71		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.693		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.308		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	13.682		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	14.44		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.926		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.437		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.549		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.325		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	12.831		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.411		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	12.613		20-140		32	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH6	SDG No.:	BM012225
Lab Sample ID:	Q1139-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM049406.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.818		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	11.969		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	11.429		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.778		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	487369	7.516				
1146-65-2	Naphthalene-d8	1848745	10.28				
15067-26-2	Acenaphthene-d10	1197229	14.163				
1517-22-2	Phenanthrene-d10	1969336	16.927				
1719-03-5	Chrysene-d12	1579837	21.15				
1520-96-3	Perylene-d12	1686314	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000091-63-4	Quinoline, 2-methyl-	2700	J			12.08	
000491-35-0	Quinoline, 4-methyl-	230	J			12.374	
000092-52-4	Biphenyl	1300	J			12.986	
001127-76-0	Naphthalene, 1-ethyl-	250	J			13.18	
000571-61-9	Naphthalene, 1,5-dimethyl-	660	J			13.316	
000571-58-4	Naphthalene, 1,4-dimethyl-	1300	J			13.48	
000581-42-0	Naphthalene, 2,6-dimethyl-	570	J			13.533	
000575-41-7	Naphthalene, 1,3-dimethyl-	940	J			13.716	
	(DEL) Alkane: Straight-Chain	14.092	J			14.092	
000613-46-7	2-Naphthalenecarbonitrile	270	J			14.298	
000132-64-9	Dibenzo furan	3700	J			14.58	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	300	J			14.645	
000058-90-2	Phenol, 2,3,4,6-tetrachloro-	210	J			14.721	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	330	J			14.786	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	300	J			14.839	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	260	J			14.963	
	(DEL) Alkane: Straight-Chain	15.045	J			15.045	

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	DCZH6	SDG No.:	BM012225
Lab Sample ID:	Q1139-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM049406.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000644-08-6	1,1-Biphenyl, 4-methyl-	720	J			15.468	
007320-53-8	Dibenzofuran, 4-methyl-	910	J			15.515	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe (DEL) Alkane: Straight-Chain15.910	130 90	J J			15.663 15.91	
000132-65-0	Dibenzothiophene	230	J			16.739	
000086-74-8	Carba zole	530	J			17.362	
002531-84-2	Phenanthrene, 2-methyl-	130	J			17.798	
000832-69-9	Phenanthrene, 1-methyl-	160	J			17.851	
000243-42-5	Benzo[b]naphtho[2,3-d]furan	120	J			19.533	
000313-80-4	Naphtho(2,1,8-def)quinoline	120	J			19.592	
002381-21-7	Pyrene, 1-methyl-	200	J			19.692	
007132-70-9	3-Acridinol	260	J			19.821	
000238-84-6	11H-Benzo[a]fluorene	260	J			19.85	
000243-17-4	11H-Benzo[b]fluorene	230	J			19.956	
003353-12-6	Pyrene, 4-methyl-	170	J			20.009	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	160	J			20.762	
E966796	Total Alkanes	880				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ0	SDG No.:	BM012225
Lab Sample ID:	Q1139-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049407.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.4	85	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	55	U	55	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	36	U	36	53.9	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	48	U	48	100	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.9	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.9	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.9	220	ug/Kg
78-59-1	Isophorone	43	U	43	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.9	220	ug/Kg
91-20-3	Naphthalene	43	U	43	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.9	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ0	SDG No.:	BM012225
Lab Sample ID:	Q1139-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049407.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.9	220	ug/Kg
208-96-8	Acenaphthylene	58	J	55	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	53	J	52	53.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.9	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.9	220	ug/Kg
86-73-7	Fluorene	170	J	57	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.9	220	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	470		56	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.9	220	ug/Kg
120-12-7	Anthracene	800		55	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.9	220	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.9	220	ug/Kg
206-44-0	Fluoranthene	5800	E	56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ0	SDG No.:	BM012225
Lab Sample ID:	Q1139-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049407.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4600	E	56	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1400		49	53.9	220	ug/Kg
218-01-9	Chrysene	1400		57	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	800		53	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		57	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	480		53	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	47	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	J	47	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	44	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.261		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	16.586		20-120		41	SPK: -40
4165-62-2	Phenol-d5	21.598		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.203		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.961		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.353		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.003		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.858		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.946		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.564		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.589		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.198		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.051		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	21.416		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ0	SDG No.:	BM012225
Lab Sample ID:	Q1139-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049407.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.297		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	22.368		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	21.711		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.075		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	421929	7.516				
1146-65-2	Naphthalene-d8	1589653	10.281				
15067-26-2	Acenaphthene-d10	997802	14.157				
1517-22-2	Phenanthrene-d10	1891235	16.91				
1719-03-5	Chrysene-d12	1571964	21.139				
1520-96-3	Perylene-d12	1536011	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000091-63-4	Quinoline, 2-methyl-	110	J			12.08	
000119-61-9	Benzophenone	510	J			15.533	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	160	J			15.657	
001430-97-3	9H-Fluorene, 2-methyl-	170	J			16.221	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	120	J			16.492	
000260-94-6	Acridine	150	J			17.104	
000086-74-8	Carba zole	140	J			17.315	
000605-02-7	Naphthalene, 1-phenyl-	180	J			17.433	
000832-69-9	Phenanthrene, 1-methyl-	550	J			17.786	
000613-12-7	Anthracene, 2-methyl-	410	J			17.839	
002531-84-2	Phenanthrene, 2-methyl-	330	J			17.915	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1300	J			17.98	
001961-96-2	1H-Indene, 1-phenyl-	230	J			18.015	
000612-94-2	Naphthalene, 2-phenyl-	500	J			18.298	
003674-65-5	Phenanthrene, 2,3-dimethyl-	87	J			18.545	
003674-66-6	Phenanthrene, 2,5-dimethyl-	190	J			18.715	
000200-23-7	Benzo[k]xanthene	110	J			19.527	

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ0	SDG No.:	BM012225
Lab Sample ID:	Q1139-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049407.D	1	1/21/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003442-78-2	Pyrene, 2-methyl-	160	J			19.68	
000238-84-6	11H-Benzo[a]fluorene	310	J			19.845	
000243-17-4	11H-Benzo[b]fluorene	320	J			19.945	
002381-21-7	Pyrene, 1-methyl-	140	J			20.003	
	(DEL) Alkane: Cyclic20.856	120	J			20.856	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	110	J			21.309	
000192-97-2	Benzo[e]pyrene	120	J			23.268	
000198-55-0	Perylene	320	J			23.662	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/22/2025 12:00:00 AM
Project:		Date Received:	1/22/2025 12:00:00 AM
Client Sample ID:	SLCS176	SDG No.:	BM012225
Lab Sample ID:	PB166176BS	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
BM049408.D	1	1/22/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	710		75	82.5	330	ug/Kg
110-86-1	Pyridine	880		43	170	330	ug/Kg
108-95-2	Phenol	940		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	930		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	980		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	930		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		27	82.5	330	ug/Kg
98-86-2	Acetophenone	900		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	920		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	900		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	930		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	980		36	42.5	170	ug/Kg
78-59-1	Isophorone	950		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	790		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	950		39	42.5	170	ug/Kg
91-20-3	Naphthalene	960		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	720		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	950		34	42.5	170	ug/Kg
105-60-2	Caprolactam	880		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	920		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	930		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	630		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/22/2025 12:00:00 AM
Project:		Date Received:	1/22/2025 12:00:00 AM
Client Sample ID:	SLCS176	SDG No.:	BM012225
Lab Sample ID:	PB166176BS	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
BM049408.D	1	1/22/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	970		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	970		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	530		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	850		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	960		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	990		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	940		60	42.5	170	ug/Kg
86-73-7	Fluorene	960		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		50	42.5	170	ug/Kg
1912-24-9	Atrazine	310	J	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	640		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1000		51	42.5	170	ug/Kg
120-12-7	Anthracene	990		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		33	42.5	170	ug/Kg
86-74-8	Carbazole	970		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	990		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/22/2025 12:00:00 AM
Project:		Date Received:	1/22/2025 12:00:00 AM
Client Sample ID:	SLCS176	SDG No.:	BM012225
Lab Sample ID:	PB166176BS	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
BM049408.D	1	1/22/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		39	42.5	170	ug/Kg
218-01-9	Chrysene	1000		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	920		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	980		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	810		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.044		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	27.54		20-120		69	SPK: -40
4165-62-2	Phenol-d5	29.339		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.361		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.351		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	27.994		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	32.072		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.366		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.181		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.389		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.457		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.789		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.908		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	29.664		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	1/22/2025 12:00:00 AM
Project:		Date Received:	1/22/2025 12:00:00 AM
Client Sample ID:	SLCS176	SDG No.:	BM012225
Lab Sample ID:	PB166176BS	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
BM049408.D	1	1/22/2025 12:00:00 AM	1/23/2025 12:00:00 AM	PB166176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.346		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	30.081		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	30.76		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.169		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	399217	7.516				
1146-65-2	Naphthalene-d8	1501637	10.281				
15067-26-2	Acenaphthene-d10	905584	14.157				
1517-22-2	Phenanthrene-d10	1648659	16.91				
1719-03-5	Chrysene-d12	1423613	21.139				
1520-96-3	Perylene-d12	1413153	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : SLEB133								
PB166133TB	SLEB133	water	Total Alkanes	*	0.000	D 17	50	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE8F5								
Q1108-01	YE8F5	Solid	(DEL) Alkane: Straight-Chain20.8	*	110.000	J		
Q1108-01	YE8F5	Solid	13-Docosenamide, (Z)-	*	160.000	J		
Q1108-01	YE8F5	Solid	Benzophenone	*	400.000	J		
Q1108-01	YE8F5	Solid	n-Hexadecanoic acid	*	120.000	J		
Q1108-01	YE8F5	Solid	Total Alkanes	*	110.000	51	180	ug/Kg
			Total Tics :			900.00		
			Total Concentration:			900.00		
Client ID : JNLA7								
Q1130-01	JNLA7	water	Cyclononasiloxane, octadecameth	*	670.000	J		
Q1130-01	JNLA7	water	Heptasiloxane, hexadecamethyl-	*	1,100.000	J		
Q1130-01	JNLA7	water	Isopropyl butyrate	*	44.000	J		
Q1130-01	JNLA7	water	Total Alkanes	*	0.000	D 17	50	ug/L
			Total Tics :			1,814.00		
			Total Concentration:			1,814.00		
Client ID : JNLA7								
Q1131-01	JNLA7	Solid	(DEL) Alkane: Cyclic20.862	*	95.000	J		
Q1131-01	JNLA7	Solid	Benzophenone	*	360.000	J		
Q1131-01	JNLA7	Solid	Heptasiloxane, hexadecamethyl-	*	1,100.000	J		
Q1131-01	JNLA7	Solid	Hexanedioic acid, dioctyl ester	*	170.000	J		
Q1131-01	JNLA7	Solid	n-Hexadecanoic acid	*	130.000	J		
Q1131-01	JNLA7	Solid	Total Alkanes	*	95.000	62	220	ug/Kg
			Total Tics :			1,950.00		
			Total Concentration:			1,950.00		
Client ID : DCZH0								
Q1139-01	DCZH0	Solid	(DEL) Alkane: Cyclic20.856	*	92.000	J		
Q1139-01	DCZH0	Solid	1,1-Biphenyl, 4-methyl-	*	96.000	J		
Q1139-01	DCZH0	Solid	1-Isopropenyl-naphthalene	*	85.000	J		
Q1139-01	DCZH0	Solid	11H-Benzo[a]fluorene	*	120.000	J		
Q1139-01	DCZH0	Solid	11H-Benzo[b]fluorene	*	120.000	J		
Q1139-01	DCZH0	Solid	4H-Cyclopenta[def]phenanthrene	*	480.000	J		
Q1139-01	DCZH0	Solid	5H-Indeno[1,2-b]pyridine	*	630.000	J		
Q1139-01	DCZH0	Solid	9H-Fluorene, 3-methyl-	*	96.000	J		

Hit Summary Sheet
SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-01	DCZH0	Solid	Anthracene, 1-methyl-	*	99.000	J		
Q1139-01	DCZH0	Solid	Benzophenone	*	340.000	J		
Q1139-01	DCZH0	Solid	Biphenyl	*	260.000	J		
Q1139-01	DCZH0	Solid	Dibenzo furan	*	1,100.000	J		
Q1139-01	DCZH0	Solid	Dibenzofuran, 4-methyl-	*	210.000	J		
Q1139-01	DCZH0	Solid	Dibenzothiophene	*	340.000	J		
Q1139-01	DCZH0	Solid	Naphthalene, 1,2-dimethyl-	*	150.000	J		
Q1139-01	DCZH0	Solid	Naphthalene, 2-ethyl-	*	90.000	J		
Q1139-01	DCZH0	Solid	Naphthalene, 2-phenyl-	*	140.000	J		
Q1139-01	DCZH0	Solid	Nordiphenamid	*	150.000	J		
Q1139-01	DCZH0	Solid	Phenanthrene, 1,7-dimethyl-	*	110.000	J		
Q1139-01	DCZH0	Solid	Phenanthrene, 1-methyl-	*	360.000	J		
Q1139-01	DCZH0	Solid	Phenanthrene, 2-methyl-	*	200.000	J		
Q1139-01	DCZH0	Solid	Phenanthrene, 4-methyl-	*	100.000	J		
Q1139-01	DCZH0	Solid	Quinoline, 2-methyl-	*	86.000	J		
Q1139-01	DCZH0	Solid	Total Alkanes	*	92.000	58	210	ug/Kg
Total Tics :				5,546.00				
Q1139-01	DCZH0	Solid	1-Methylnaphthalene		330.000	49	210	ug/Kg
Q1139-01	DCZH0	Solid	2-Methylnaphthalene		160.000	J 45	210	ug/Kg
Q1139-01	DCZH0	Solid	Acenaphthene		1,600.000	49	210	ug/Kg
Q1139-01	DCZH0	Solid	Anthracene		990.000	52	210	ug/Kg
Q1139-01	DCZH0	Solid	Benzo(a)anthracene		220.000	47	210	ug/Kg
Q1139-01	DCZH0	Solid	Benzo(a)pyrene		55.000	J 51	210	ug/Kg
Q1139-01	DCZH0	Solid	Benzo(b)fluoranthene		87.000	J 51	210	ug/Kg
Q1139-01	DCZH0	Solid	Chrysene		210.000	54	210	ug/Kg
Q1139-01	DCZH0	Solid	Fluoranthene		1,900.000	53	210	ug/Kg
Q1139-01	DCZH0	Solid	Fluorene		1,700.000	54	210	ug/Kg
Q1139-01	DCZH0	Solid	Naphthalene		1,300.000	41	210	ug/Kg
Q1139-01	DCZH0	Solid	Phenanthrene		4,500.000	E 53	210	ug/Kg
Q1139-01	DCZH0	Solid	Pyrene		1,100.000	53	210	ug/Kg
Total Svoc :				14,152.00				
Total Concentration:				19,698.00				
Client ID : DCZH1								
Q1139-02	DCZH1	Solid	11H-Benzo[a]fluorene	*	140.000	J		
Q1139-02	DCZH1	Solid	11H-Benzo[b]fluorene	*	140.000	J		
Q1139-02	DCZH1	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	100.000	J		
Q1139-02	DCZH1	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	250.000	J		
Q1139-02	DCZH1	Solid	4H-Cyclopenta[def]phenanthrene	*	540.000	J		
Q1139-02	DCZH1	Solid	6(5H)-Phenanthridinone	*	88.000	J		
Q1139-02	DCZH1	Solid	9H-Fluoren-3-ol	*	170.000	J		

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SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-02	DCZH1	Solid	9H-Fluorene, 1-methyl-	*	180.000	J		
Q1139-02	DCZH1	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	94.000	J		
Q1139-02	DCZH1	Solid	Biphenyl	*	350.000	J		
Q1139-02	DCZH1	Solid	Carba zole	*	500.000	J		
Q1139-02	DCZH1	Solid	Dibenzo furan	*	1,300.000	J		
Q1139-02	DCZH1	Solid	Dibenzothiophene	*	410.000	J		
Q1139-02	DCZH1	Solid	Naphthalene, 1,6-dimethyl-	*	190.000	J		
Q1139-02	DCZH1	Solid	Naphthalene, 1,7-dimethyl-	*	110.000	J		
Q1139-02	DCZH1	Solid	Naphthalene, 1-ethyl-	*	120.000	J		
Q1139-02	DCZH1	Solid	Naphthalene, 2-phenyl-	*	180.000	J		
Q1139-02	DCZH1	Solid	Phenanthrene, 1-methyl-	*	390.000	J		
Q1139-02	DCZH1	Solid	Phenanthrene, 2-methyl-	*	240.000	J		
Q1139-02	DCZH1	Solid	Phenanthrene, 4-methyl-	*	110.000	J		
Q1139-02	DCZH1	Solid	Quinoline, 2-methyl-	*	150.000	J		
Q1139-02	DCZH1	Solid	Total Alkanes	*	0.000	57	200	ug/Kg
Total Tics :				5,752.00				
Q1139-02	DCZH1	Solid	1-Methylnaphthalene		490.000	49	200	ug/Kg
Q1139-02	DCZH1	Solid	2-Methylnaphthalene		290.000	44	200	ug/Kg
Q1139-02	DCZH1	Solid	Acenaphthene		2,000.000	49	200	ug/Kg
Q1139-02	DCZH1	Solid	Anthracene		690.000	51	200	ug/Kg
Q1139-02	DCZH1	Solid	Benzo(a)anthracene		260.000	46	200	ug/Kg
Q1139-02	DCZH1	Solid	Benzo(a)pyrene		62.000	J 50	200	ug/Kg
Q1139-02	DCZH1	Solid	Benzo(b)fluoranthene		110.000	J 50	200	ug/Kg
Q1139-02	DCZH1	Solid	Chrysene		250.000	54	200	ug/Kg
Q1139-02	DCZH1	Solid	Fluoranthene		2,200.000	52	200	ug/Kg
Q1139-02	DCZH1	Solid	Fluorene		1,800.000	54	200	ug/Kg
Q1139-02	DCZH1	Solid	Naphthalene		2,000.000	41	200	ug/Kg
Q1139-02	DCZH1	Solid	Phenanthrene		5,200.000	E 52	200	ug/Kg
Q1139-02	DCZH1	Solid	Pyrene		1,300.000	52	200	ug/Kg
Total Svoc :				16,652.00				
Total Concentration:				22,404.00				

Client ID : DCZH2

Q1139-03	DCZH2	Solid	Benzophenone	*	340.000	J		
Q1139-03	DCZH2	Solid	Heptafluorobutyric acid, pentadec	*	88.000	J		
Q1139-03	DCZH2	Solid	n-Hexadecanoic acid	*	110.000	J		
Q1139-03	DCZH2	Solid	Total Alkanes	*	0.000	60	210	ug/Kg
Total Tics :				538.00				
Total Concentration:				538.00				

Client ID : DCZH3

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SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-06	DCZH3	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J		
Q1139-06	DCZH3	Solid	11H-Benzo[a]fluorene	*	240.000	J		
Q1139-06	DCZH3	Solid	11H-Benzo[b]fluorene	*	160.000	J		
Q1139-06	DCZH3	Solid	2-Naphthalenecarbonitrile	*	320.000	J		
Q1139-06	DCZH3	Solid	9H-Fluoren-3-ol	*	1,000.000	J		
Q1139-06	DCZH3	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	170.000	J		
Q1139-06	DCZH3	Solid	Benzo[b]naphtho[2,3-d]furan	*	160.000	J		
Q1139-06	DCZH3	Solid	Benzo[e]pyrene	*	630.000	J		
Q1139-06	DCZH3	Solid	Biphenyl	*	1,600.000	J		
Q1139-06	DCZH3	Solid	Cholestan-3-ol, (3.beta.,5.beta.)-	*	790.000	J		
Q1139-06	DCZH3	Solid	Dibenzofuran, 4-methyl-	*	200.000	J		
Q1139-06	DCZH3	Solid	Dibenzothiophene	*	240.000	J		
Q1139-06	DCZH3	Solid	Diphenylmethane	*	390.000	J		
Q1139-06	DCZH3	Solid	Fluoranthene, 2-methyl-	*	170.000	J		
Q1139-06	DCZH3	Solid	Indane	*	820.000	J		
Q1139-06	DCZH3	Solid	Indene	*	700.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 1,4,5-trimethyl-	*	150.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 1,4,6-trimethyl-	*	150.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 1,4-dimethyl-	*	1,000.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 1,5-dimethyl-	*	600.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 1,6,7-trimethyl-	*	180.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 2,3,6-trimethyl-	*	170.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 2,3-dimethyl-	*	400.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 2-ethyl-	*	710.000	J		
Q1139-06	DCZH3	Solid	Naphthalene, 2-phenyl-	*	140.000	J		
Q1139-06	DCZH3	Solid	Nordiphenamid	*	570.000	J		
Q1139-06	DCZH3	Solid	Phenanthrene, 1-methyl-	*	220.000	J		
Q1139-06	DCZH3	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
Q1139-06	DCZH3	Solid	Pyrene, 1-methyl-	*	240.000	J		
Q1139-06	DCZH3	Solid	Pyrene, 2-methyl-	*	180.000	J		
Q1139-06	DCZH3	Solid	Total Alkanes	*	0.000	59	210	ug/Kg
Total Tics :				12,600.00				
Q1139-06	DCZH3	Solid	1-Methylnaphthalene		9,300.000	E 50	210	ug/Kg
Q1139-06	DCZH3	Solid	2-Methylnaphthalene		16,000.000	E 45	210	ug/Kg
Q1139-06	DCZH3	Solid	Acenaphthene		12,000.000	E 50	210	ug/Kg
Q1139-06	DCZH3	Solid	Acenaphthylene		680.000	53	210	ug/Kg
Q1139-06	DCZH3	Solid	Anthracene		5,900.000	E 53	210	ug/Kg
Q1139-06	DCZH3	Solid	Benzo(a)anthracene		7,600.000	E 48	210	ug/Kg
Q1139-06	DCZH3	Solid	Benzo(a)pyrene		1,300.000	52	210	ug/Kg
Q1139-06	DCZH3	Solid	Benzo(b)fluoranthene		5,900.000	E 52	210	ug/Kg

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SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-06	DCZH3	Solid	Benzo(g,h,i)perylene	110.000	J	43	210	ug/Kg
Q1139-06	DCZH3	Solid	Benzo(k)fluoranthene	2,000.000		55	210	ug/Kg
Q1139-06	DCZH3	Solid	Chrysene	7,300.000	E	55	210	ug/Kg
Q1139-06	DCZH3	Solid	Dibenzo(a,h)anthracene	450.000		45	210	ug/Kg
Q1139-06	DCZH3	Solid	Fluoranthene	16,000.000	E	54	210	ug/Kg
Q1139-06	DCZH3	Solid	Fluorene	9,900.000	E	55	210	ug/Kg
Q1139-06	DCZH3	Solid	Indeno(1,2,3-cd)pyrene	810.000		45	210	ug/Kg
Q1139-06	DCZH3	Solid	Naphthalene	23,000.000	E	42	210	ug/Kg
Q1139-06	DCZH3	Solid	Pentachlorophenol	230.000	J	110	400	ug/Kg
Q1139-06	DCZH3	Solid	Phenanthrene	21,000.000	E	54	210	ug/Kg
Q1139-06	DCZH3	Solid	Pyrene	11,000.000	E	54	210	ug/Kg
Total Svoc :				150,480.00				
Total Concentration:				163,080.00				

Client ID : DCZH4

Q1139-07	DCZH4	Solid	11H-Benzo[a]fluorene	*	330.000	J	
Q1139-07	DCZH4	Solid	11H-Benzo[b]fluorene	*	350.000	J	
Q1139-07	DCZH4	Solid	2-Naphthalenecarbonitrile	*	270.000	J	
Q1139-07	DCZH4	Solid	5H-Indeno[1,2-b]pyridine	*	180.000	J	
Q1139-07	DCZH4	Solid	9H-Fluoren-3-ol	*	190.000	J	
Q1139-07	DCZH4	Solid	9H-Fluorene, 3-methyl-	*	94.000	J	
Q1139-07	DCZH4	Solid	Benzo(b)naphtho(1,2-d)furan	*	150.000	J	
Q1139-07	DCZH4	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	130.000	J	
Q1139-07	DCZH4	Solid	Biphenyl	*	1,500.000	J	
Q1139-07	DCZH4	Solid	Dibenzofuran, 4-methyl-	*	910.000	J	
Q1139-07	DCZH4	Solid	Dibenzothiophene	*	220.000	J	
Q1139-07	DCZH4	Solid	Diphenylmethane	*	420.000	J	
Q1139-07	DCZH4	Solid	Fluoranthene, 2-methyl-	*	210.000	J	
Q1139-07	DCZH4	Solid	Indeno[2,1-b]chromene,	*	110.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 1,4,5-trimethyl-	*	140.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 1,4,6-trimethyl-	*	150.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 1,4-dimethyl-	*	930.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 1,6,7-trimethyl-	*	170.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 2,3,6-trimethyl-	*	160.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 2,3-dimethyl-	*	400.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 2,6-dimethyl-	*	580.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 2,7-dimethyl-	*	570.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 2-ethyl-	*	660.000	J	
Q1139-07	DCZH4	Solid	Naphthalene, 2-phenyl-	*	120.000	J	
Q1139-07	DCZH4	Solid	Phenanthrene, 1-methyl-	*	180.000	J	
Q1139-07	DCZH4	Solid	Phenanthrene, 2-methyl-	*	160.000	J	

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SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-07	DCZH4	Solid	Pyrene, 1-methyl-	*	120.000	J		
Q1139-07	DCZH4	Solid	Pyrene, 4-methyl-	*	160.000	J		
Q1139-07	DCZH4	Solid	Total Alkanes	*	0.000	58	200	ug/Kg
Total Tics :				9,564.00				
Q1139-07	DCZH4	Solid	1-Methylnaphthalene	6,900.000	E	49	200	ug/Kg
Q1139-07	DCZH4	Solid	2-Methylnaphthalene	12,000.000	E	44	200	ug/Kg
Q1139-07	DCZH4	Solid	Acenaphthene	10,000.000	E	49	200	ug/Kg
Q1139-07	DCZH4	Solid	Acenaphthylene	360.000		52	200	ug/Kg
Q1139-07	DCZH4	Solid	Anthracene	7,900.000	E	52	200	ug/Kg
Q1139-07	DCZH4	Solid	Benzo(a)anthracene	5,000.000	E	47	200	ug/Kg
Q1139-07	DCZH4	Solid	Benzo(a)pyrene	670.000		50	200	ug/Kg
Q1139-07	DCZH4	Solid	Benzo(b)fluoranthene	2,400.000		50	200	ug/Kg
Q1139-07	DCZH4	Solid	Benzo(k)fluoranthene	930.000		54	200	ug/Kg
Q1139-07	DCZH4	Solid	Chrysene	4,700.000	E	54	200	ug/Kg
Q1139-07	DCZH4	Solid	Dibenzo(a,h)anthracene	150.000	J	44	200	ug/Kg
Q1139-07	DCZH4	Solid	Fluoranthene	12,000.000	E	53	200	ug/Kg
Q1139-07	DCZH4	Solid	Fluorene	9,900.000	E	54	200	ug/Kg
Q1139-07	DCZH4	Solid	Indeno(1,2,3-cd)pyrene	260.000		44	200	ug/Kg
Q1139-07	DCZH4	Solid	Naphthalene	17,000.000	E	41	200	ug/Kg
Q1139-07	DCZH4	Solid	Phenanthrene	19,000.000	E	53	200	ug/Kg
Q1139-07	DCZH4	Solid	Pyrene	8,500.000	E	53	200	ug/Kg
Total Svoc :				117,670.00				
Total Concentration:				127,234.00				
Client ID : DCZH5								
Q1139-08	DCZH5	Solid	(DEL) Alkane: Straight-Chain5.58	*	220.000	J		
Q1139-08	DCZH5	Solid	(DEL) Alkane: Straight-Chain8.74	*	320.000	J		
Q1139-08	DCZH5	Solid	1,1-Biphenyl, 2-methyl-	*	1,800.000	J		
Q1139-08	DCZH5	Solid	11H-Benzo[a]fluorene	*	450.000	J		
Q1139-08	DCZH5	Solid	11H-Benzo[b]fluorene	*	450.000	J		
Q1139-08	DCZH5	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	130.000	J		
Q1139-08	DCZH5	Solid	4H-Cyclopenta[def]phenanthrene	*	220.000	J		
Q1139-08	DCZH5	Solid	5H-Indeno[1,2-b]pyridine	*	960.000	J		
Q1139-08	DCZH5	Solid	Aceto phenone	*	420.000	J		
Q1139-08	DCZH5	Solid	Anthracene, 2-methyl-	*	190.000	J		
Q1139-08	DCZH5	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	130.000	J		
Q1139-08	DCZH5	Solid	Benzo[b]naphtho[2,3-d]furan	*	120.000	J		
Q1139-08	DCZH5	Solid	Biphenyl	*	2,200.000	J		
Q1139-08	DCZH5	Solid	Cyclopenta[cd]pyrene	*	120.000	J		
Q1139-08	DCZH5	Solid	Dibenzothiophene	*	210.000	J		
Q1139-08	DCZH5	Solid	Fluoranthene, 2-methyl-	*	100.000	J		

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SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-08	DCZH5	Solid	Indeno[2,1-b]chromene,	*	160.000	J		
Q1139-08	DCZH5	Solid	Naphthalene, 1,4,6-trimethyl-	*	360.000	J		
Q1139-08	DCZH5	Solid	Naphthalene, 1,4-dimethyl-	*	760.000	J		
Q1139-08	DCZH5	Solid	Naphthalene, 1,5-dimethyl-	*	490.000	J		
Q1139-08	DCZH5	Solid	Naphthalene, 1,6,7-trimethyl-	*	570.000	J		
Q1139-08	DCZH5	Solid	Naphthalene, 1-ethyl-	*	340.000	J		
Q1139-08	DCZH5	Solid	Naphthalene, 2,3,6-trimethyl-	*	350.000	J		
Q1139-08	DCZH5	Solid	Naphthalene, 2,3-dimethyl-	*	1,800.000	J		
Q1139-08	DCZH5	Solid	Naphthalene, 2,6-dimethyl-	*	1,600.000	J		
Q1139-08	DCZH5	Solid	Naphtho[2,3-b]thiophene	*	120.000	J		
Q1139-08	DCZH5	Solid	Phenanthrene, 1-methyl-	*	96.000	J		
Q1139-08	DCZH5	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
Q1139-08	DCZH5	Solid	Pyrene, 1-methyl-	*	110.000	J		
Q1139-08	DCZH5	Solid	Pyrene, 2-methyl-	*	170.000	J		
Q1139-08	DCZH5	Solid	Total Alkanes	*	540.000	59	210	ug/Kg
Total Tics :				15,636.00				
Q1139-08	DCZH5	Solid	1-Methylnaphthalene		630.000	50	210	ug/Kg
Q1139-08	DCZH5	Solid	2-Methylnaphthalene		7,500.000	E 45	210	ug/Kg
Q1139-08	DCZH5	Solid	Acenaphthene		7,100.000	E 50	210	ug/Kg
Q1139-08	DCZH5	Solid	Acenaphthylene		290.000	52	210	ug/Kg
Q1139-08	DCZH5	Solid	Anthracene		30,000.000	E 52	210	ug/Kg
Q1139-08	DCZH5	Solid	Benzo(a)anthracene		3,100.000	48	210	ug/Kg
Q1139-08	DCZH5	Solid	Benzo(a)pyrene		560.000	51	210	ug/Kg
Q1139-08	DCZH5	Solid	Benzo(b)fluoranthene		2,500.000	51	210	ug/Kg
Q1139-08	DCZH5	Solid	Benzo(k)fluoranthene		930.000	55	210	ug/Kg
Q1139-08	DCZH5	Solid	Chrysene		4,500.000	E 55	210	ug/Kg
Q1139-08	DCZH5	Solid	Dibenzo(a,h)anthracene		160.000	J 45	210	ug/Kg
Q1139-08	DCZH5	Solid	Fluoranthene		9,900.000	E 54	210	ug/Kg
Q1139-08	DCZH5	Solid	Fluorene		18,000.000	E 55	210	ug/Kg
Q1139-08	DCZH5	Solid	Indeno(1,2,3-cd)pyrene		310.000	45	210	ug/Kg
Q1139-08	DCZH5	Solid	Naphthalene		4,600.000	E 41	210	ug/Kg
Q1139-08	DCZH5	Solid	Pentachlorophenol		590.000	110	400	ug/Kg
Q1139-08	DCZH5	Solid	Phenanthrene		23,000.000	E 54	210	ug/Kg
Q1139-08	DCZH5	Solid	Pyrene		7,200.000	E 54	210	ug/Kg
Total Svoc :				120,870.00				
Total Concentration:				136,506.00				
Client ID : DCZH6								
Q1139-09	DCZH6	Solid	(DEL) Alkane: Straight-Chain14.(	*	430.000	J		
Q1139-09	DCZH6	Solid	(DEL) Alkane: Straight-Chain15.(	*	360.000	J		
Q1139-09	DCZH6	Solid	(DEL) Alkane: Straight-Chain15.5	*	90.000	J		

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SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-09	DCZH6	Solid	1,1-Biphenyl, 4-methyl-	*	720.000	J		
Q1139-09	DCZH6	Solid	11H-Benzo[a]fluorene	*	260.000	J		
Q1139-09	DCZH6	Solid	11H-Benzo[b]fluorene	*	230.000	J		
Q1139-09	DCZH6	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	130.000	J		
Q1139-09	DCZH6	Solid	2-Naphthalenecarbonitrile	*	270.000	J		
Q1139-09	DCZH6	Solid	3-Acridinol	*	260.000	J		
Q1139-09	DCZH6	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	160.000	J		
Q1139-09	DCZH6	Solid	Benzo[b]naphtho[2,3-d]furan	*	120.000	J		
Q1139-09	DCZH6	Solid	Biphenyl	*	1,300.000	J		
Q1139-09	DCZH6	Solid	Carba zole	*	530.000	J		
Q1139-09	DCZH6	Solid	Dibenzo furan	*	3,700.000	J		
Q1139-09	DCZH6	Solid	Dibenzofuran, 4-methyl-	*	910.000	J		
Q1139-09	DCZH6	Solid	Dibenzothiophene	*	230.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 1,3-dimethyl-	*	940.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 1,4,5-trimethyl-	*	260.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 1,4,6-trimethyl-	*	300.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 1,4-dimethyl-	*	1,300.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 1,5-dimethyl-	*	660.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 1,6,7-trimethyl-	*	300.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 1-ethyl-	*	250.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 2,3,6-trimethyl-	*	330.000	J		
Q1139-09	DCZH6	Solid	Naphthalene, 2,6-dimethyl-	*	570.000	J		
Q1139-09	DCZH6	Solid	Naphtho(2,1,8-def)quinoline	*	120.000	J		
Q1139-09	DCZH6	Solid	Phenanthrene, 1-methyl-	*	160.000	J		
Q1139-09	DCZH6	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
Q1139-09	DCZH6	Solid	Phenol, 2,3,4,6-tetrachloro-	*	210.000	J		
Q1139-09	DCZH6	Solid	Pyrene, 1-methyl-	*	200.000	J		
Q1139-09	DCZH6	Solid	Pyrene, 4-methyl-	*	170.000	J		
Q1139-09	DCZH6	Solid	Quinoline, 2-methyl-	*	2,700.000	J		
Q1139-09	DCZH6	Solid	Quinoline, 4-methyl-	*	230.000	J		
Q1139-09	DCZH6	Solid	Total Alkanes	*	880.000	60	210	ug/Kg
Total Tics :				19,410.00				
Q1139-09	DCZH6	Solid	1-Methylnaphthalene		2,400.000	51	210	ug/Kg
Q1139-09	DCZH6	Solid	2-Methylnaphthalene		3,400.000	E 46	210	ug/Kg
Q1139-09	DCZH6	Solid	Acenaphthene		8,500.000	E 51	210	ug/Kg
Q1139-09	DCZH6	Solid	Acenaphthylene		400.000	54	210	ug/Kg
Q1139-09	DCZH6	Solid	Anthracene		14,000.000	E 54	210	ug/Kg
Q1139-09	DCZH6	Solid	Benzo(a)anthracene		4,100.000	E 49	210	ug/Kg
Q1139-09	DCZH6	Solid	Benzo(a)pyrene		700.000	52	210	ug/Kg
Q1139-09	DCZH6	Solid	Benzo(b)fluoranthene		3,200.000	52	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-09	DCZH6	Solid	Benzo(g,h,i)perylene	44.000	J	44	210	ug/Kg
Q1139-09	DCZH6	Solid	Benzo(k)fluoranthene	1,200.000		56	210	ug/Kg
Q1139-09	DCZH6	Solid	Chrysene	4,400.000	E	56	210	ug/Kg
Q1139-09	DCZH6	Solid	Dibenzo(a,h)anthracene	210.000		46	210	ug/Kg
Q1139-09	DCZH6	Solid	Fluoranthene	10,000.000	E	55	210	ug/Kg
Q1139-09	DCZH6	Solid	Fluorene	11,000.000	E	56	210	ug/Kg
Q1139-09	DCZH6	Solid	Indeno(1,2,3-cd)pyrene	370.000		46	210	ug/Kg
Q1139-09	DCZH6	Solid	Naphthalene	3,100.000		42	210	ug/Kg
Q1139-09	DCZH6	Solid	Pentachlorophenol	4,000.000		110	410	ug/Kg
Q1139-09	DCZH6	Solid	Phenanthrene	14,000.000	E	55	210	ug/Kg
Q1139-09	DCZH6	Solid	Pyrene	7,500.000	E	55	210	ug/Kg

Total Svoc : 92,524.00

Total Concentration: 111,934.00

Client ID : DCZH7

Q1139-10	DCZH7	Solid	11H-Benzo[a]fluorene	*	210.000	J	
Q1139-10	DCZH7	Solid	11H-Benzo[b]fluorene	*	270.000	J	
Q1139-10	DCZH7	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	140.000	J	
Q1139-10	DCZH7	Solid	2-Naphthalenecarbonitrile	*	250.000	J	
Q1139-10	DCZH7	Solid	5H-Indeno[1,2-b]pyridine	*	120.000	J	
Q1139-10	DCZH7	Solid	9H-Fluoren-9-one	*	140.000	J	
Q1139-10	DCZH7	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	130.000	J	
Q1139-10	DCZH7	Solid	Benzo[b]thiophene, 4-methyl-	*	560.000	J	
Q1139-10	DCZH7	Solid	Benzo[e]pyrene	*	650.000	J	
Q1139-10	DCZH7	Solid	Biphenyl	*	1,600.000	J	
Q1139-10	DCZH7	Solid	Cyclopenta[cd]pyrene	*	140.000	J	
Q1139-10	DCZH7	Solid	Dibenzofuran, 4-methyl-	*	890.000	J	
Q1139-10	DCZH7	Solid	Dibenzothiophene	*	180.000	J	
Q1139-10	DCZH7	Solid	Diphenylmethane	*	320.000	J	
Q1139-10	DCZH7	Solid	Indane	*	690.000	J	
Q1139-10	DCZH7	Solid	Indeno[2,1-b]chromene,	*	120.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 1,4,5-trimethyl-	*	130.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 1,4,6-trimethyl-	*	140.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 1,5-dimethyl-	*	580.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 1,6,7-trimethyl-	*	150.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 1,6-dimethyl-	*	380.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 2,3,6-trimethyl-	*	150.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 2,3-dimethyl-	*	970.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 2,7-dimethyl-	*	620.000	J	
Q1139-10	DCZH7	Solid	Naphthalene, 2-ethyl-	*	640.000	J	
Q1139-10	DCZH7	Solid	Nordiphenamid	*	460.000	J	

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-10	DCZH7	Solid	Phenaleno[1,9-bc]thiophene	*	140.000	J		
Q1139-10	DCZH7	Solid	Phenanthrene, 1-methyl-	*	150.000	J		
Q1139-10	DCZH7	Solid	Phenanthrene, 2-methyl-	*	110.000	J		
Q1139-10	DCZH7	Solid	Pyrene, 1-methyl-	*	130.000	J		
Q1139-10	DCZH7	Solid	Total Alkanes	*	0.000	59	210	ug/Kg
Total Tics :				11,160.00				
Q1139-10	DCZH7	Solid	1-Methylnaphthalene	6,000.000	E	50	210	ug/Kg
Q1139-10	DCZH7	Solid	2-Methylnaphthalene	11,000.000	E	45	210	ug/Kg
Q1139-10	DCZH7	Solid	Acenaphthene	8,600.000	E	50	210	ug/Kg
Q1139-10	DCZH7	Solid	Acenaphthylene	240.000		53	210	ug/Kg
Q1139-10	DCZH7	Solid	Anthracene	4,300.000	E	53	210	ug/Kg
Q1139-10	DCZH7	Solid	Benzo(a)anthracene	3,600.000	E	48	210	ug/Kg
Q1139-10	DCZH7	Solid	Benzo(a)pyrene	1,000.000		51	210	ug/Kg
Q1139-10	DCZH7	Solid	Benzo(b)fluoranthene	1,600.000		51	210	ug/Kg
Q1139-10	DCZH7	Solid	Benzo(g,h,i)perylene	270.000		43	210	ug/Kg
Q1139-10	DCZH7	Solid	Benzo(k)fluoranthene	590.000		55	210	ug/Kg
Q1139-10	DCZH7	Solid	Chrysene	3,400.000	E	55	210	ug/Kg
Q1139-10	DCZH7	Solid	Dibenzo(a,h)anthracene	93.000	J	45	210	ug/Kg
Q1139-10	DCZH7	Solid	Fluoranthene	9,500.000	E	54	210	ug/Kg
Q1139-10	DCZH7	Solid	Fluorene	7,000.000	E	55	210	ug/Kg
Q1139-10	DCZH7	Solid	Indeno(1,2,3-cd)pyrene	270.000		45	210	ug/Kg
Q1139-10	DCZH7	Solid	Naphthalene	14,000.000	E	42	210	ug/Kg
Q1139-10	DCZH7	Solid	Phenanthrene	16,000.000	E	54	210	ug/Kg
Q1139-10	DCZH7	Solid	Pyrene	7,800.000	E	54	210	ug/Kg
Total Svoc :				95,263.00				
Total Concentration:				106,423.00				

Client ID : DCZH8

Q1139-11	DCZH8	Solid	(DEL) Alkane: Straight-Chain11.3 *	380.000	J		
Q1139-11	DCZH8	Solid	(DEL) Alkane: Straight-Chain12.7 *	220.000	J		
Q1139-11	DCZH8	Solid	(DEL) Alkane: Straight-Chain13.6 *	480.000	J		
Q1139-11	DCZH8	Solid	(DEL) Alkane: Straight-Chain14.6 *	190.000	J		
Q1139-11	DCZH8	Solid	(DEL) Alkane: Straight-Chain15.5 *	570.000	J		
Q1139-11	DCZH8	Solid	11H-Benzo[a]fluorene	360.000	J		
Q1139-11	DCZH8	Solid	11H-Benzo[b]fluorene	370.000	J		
Q1139-11	DCZH8	Solid	1H-Cyclopropa[1]phenanthrene,1a *	800.000	J		
Q1139-11	DCZH8	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	1,100.000	J		
Q1139-11	DCZH8	Solid	4H-Cyclopenta[def]phenanthrene *	5,900.000	J		
Q1139-11	DCZH8	Solid	5H-Indeno[1,2-b]pyridine	670.000	J		
Q1139-11	DCZH8	Solid	9H-Fluorene, 1-methyl-	560.000	J		
Q1139-11	DCZH8	Solid	9H-Fluorene, 2-methyl-	1,500.000	J		

Hit Summary Sheet
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SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-11	DCZH8	Solid	9H-Fluorene, 3-methyl-	*	540.000	J		
Q1139-11	DCZH8	Solid	Acridine	*	510.000	J		
Q1139-11	DCZH8	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	1,100.000	J		
Q1139-11	DCZH8	Solid	Anthracene, 2-methyl-	*	940.000	J		
Q1139-11	DCZH8	Solid	Anthracene, 9,10-dihydro-	*	730.000	J		
Q1139-11	DCZH8	Solid	Benzo[e]pyrene	*	860.000	J		
Q1139-11	DCZH8	Solid	Biphenyl	*	400.000	J		
Q1139-11	DCZH8	Solid	Carba zole	*	720.000	J		
Q1139-11	DCZH8	Solid	Dibenzo furan	*	1,500.000	J		
Q1139-11	DCZH8	Solid	Dibenzothiophene	*	2,700.000	J		
Q1139-11	DCZH8	Solid	Dibenzothiophene, 3-methyl-	*	360.000	J		
Q1139-11	DCZH8	Solid	Indeno[2,1-a]indene, 5,10-dihydro-	*	390.000	J		
Q1139-11	DCZH8	Solid	Naphthalene, 1,6-dimethyl-	*	420.000	J		
Q1139-11	DCZH8	Solid	Naphthalene, 1-phenyl-	*	740.000	J		
Q1139-11	DCZH8	Solid	Naphthalene, 2,6-dimethyl-	*	290.000	J		
Q1139-11	DCZH8	Solid	Naphthalene, 2-phenyl-	*	1,600.000	J		
Q1139-11	DCZH8	Solid	Phenanthrene, 1-methyl-	*	2,400.000	J		
Q1139-11	DCZH8	Solid	Phenanthrene, 2,5-dimethyl-	*	740.000	J		
Q1139-11	DCZH8	Solid	Phenanthrene, 2-methyl-	*	1,900.000	J		
Q1139-11	DCZH8	Solid	Phenanthrene, 3,6-dimethyl-	*	350.000	J		
Q1139-11	DCZH8	Solid	Phenanthrene, 4,5-dimethyl-	*	390.000	J		
Q1139-11	DCZH8	Solid	Quinoline, 2-methyl-	*	930.000	J		
Q1139-11	DCZH8	Solid	Total Alkanes	*	1,800.000	58	200	ug/Kg
Total Tics :				35,410.00				
Q1139-11	DCZH8	Solid	1-Methylnaphthalene		160.000	J 49	200	ug/Kg
Q1139-11	DCZH8	Solid	2-Methylnaphthalene		96.000	J 44	200	ug/Kg
Q1139-11	DCZH8	Solid	Acenaphthene		4,100.000	E 49	200	ug/Kg
Q1139-11	DCZH8	Solid	Acenaphthylene		180.000	J 52	200	ug/Kg
Q1139-11	DCZH8	Solid	Anthracene		5,000.000	E 52	200	ug/Kg
Q1139-11	DCZH8	Solid	Benzo(a)anthracene		3,300.000	E 47	200	ug/Kg
Q1139-11	DCZH8	Solid	Benzo(a)pyrene		1,200.000	50	200	ug/Kg
Q1139-11	DCZH8	Solid	Benzo(b)fluoranthene		2,000.000	50	200	ug/Kg
Q1139-11	DCZH8	Solid	Benzo(g,h,i)perylene		400.000	42	200	ug/Kg
Q1139-11	DCZH8	Solid	Benzo(k)fluoranthene		650.000	54	200	ug/Kg
Q1139-11	DCZH8	Solid	Chrysene		3,600.000	E 54	200	ug/Kg
Q1139-11	DCZH8	Solid	Dibenzo(a,h)anthracene		120.000	J 44	200	ug/Kg
Q1139-11	DCZH8	Solid	Fluoranthene		10,000.000	E 53	200	ug/Kg
Q1139-11	DCZH8	Solid	Fluorene		4,100.000	E 54	200	ug/Kg
Q1139-11	DCZH8	Solid	Indeno(1,2,3-cd)pyrene		370.000	44	200	ug/Kg
Q1139-11	DCZH8	Solid	Naphthalene		870.000	41	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-11	DCZH8	Solid	Phenanthrene	8,500.000	E	53	200	ug/Kg
Q1139-11	DCZH8	Solid	Pyrene	8,600.000	E	53	200	ug/Kg
Total Svoc :				53,246.00				
Total Concentration:				88,656.00				
Client ID : DCZH9								
Q1139-12	DCZH9	Solid	1-Isopropenylnaphthalene	*	960.000	J		
Q1139-12	DCZH9	Solid	11H-Benzo[b]fluorene	*	580.000	J		
Q1139-12	DCZH9	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	330.000	J		
Q1139-12	DCZH9	Solid	9H-Cyclopenta[a]pyrene	*	100.000	J		
Q1139-12	DCZH9	Solid	9H-Fluoren-3-ol	*	3,100.000	J		
Q1139-12	DCZH9	Solid	9H-Fluorene, 1-methyl-	*	82.000	J		
Q1139-12	DCZH9	Solid	9H-Fluorene, 3-methyl-	*	190.000	J		
Q1139-12	DCZH9	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	150.000	J		
Q1139-12	DCZH9	Solid	Anthracene, 1-methyl-	*	130.000	J		
Q1139-12	DCZH9	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	230.000	J		
Q1139-12	DCZH9	Solid	Benzo[b]naphtho[2,3-d]furan	*	290.000	J		
Q1139-12	DCZH9	Solid	Benzo[e]pyrene	*	730.000	J		
Q1139-12	DCZH9	Solid	Biphenyl	*	800.000	J		
Q1139-12	DCZH9	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	110.000	J		
Q1139-12	DCZH9	Solid	Dibenzo furan	*	6,200.000	J		
Q1139-12	DCZH9	Solid	Dibenzofuran, 4-methyl-	*	240.000	J		
Q1139-12	DCZH9	Solid	Dibenzothiophene	*	340.000	J		
Q1139-12	DCZH9	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	680.000	J		
Q1139-12	DCZH9	Solid	Fluoranthene, 2-methyl-	*	210.000	J		
Q1139-12	DCZH9	Solid	Naphthalene, 1,2-dimethyl-	*	560.000	J		
Q1139-12	DCZH9	Solid	Naphthalene, 1,3-dimethyl-	*	610.000	J		
Q1139-12	DCZH9	Solid	Naphthalene, 1-phenyl-	*	120.000	J		
Q1139-12	DCZH9	Solid	Naphthalene, 2,3-dimethyl-	*	1,300.000	J		
Q1139-12	DCZH9	Solid	Naphthalene, 2,7-dimethyl-	*	900.000	J		
Q1139-12	DCZH9	Solid	Naphthalene, 2-phenyl-	*	240.000	J		
Q1139-12	DCZH9	Solid	Perylene	*	1,100.000	J		
Q1139-12	DCZH9	Solid	Phenanthrene, 1-methyl-	*	390.000	J		
Q1139-12	DCZH9	Solid	Phenanthrene, 2,5-dimethyl-	*	110.000	J		
Q1139-12	DCZH9	Solid	Pyrene, 1-methyl-	*	340.000	J		
Q1139-12	DCZH9	Solid	Pyrene, 4-methyl-	*	280.000	J		
Q1139-12	DCZH9	Solid	Total Alkanes	*	0.000	58	200	ug/Kg
Total Tics :				21,402.00				
Q1139-12	DCZH9	Solid	1-Methylnaphthalene		2,200.000	49	200	ug/Kg
Q1139-12	DCZH9	Solid	Acenaphthene		17,000.000	E 49	200	ug/Kg
Q1139-12	DCZH9	Solid	Acenaphthylene		670.000	52	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-12	DCZH9	Solid	Anthracene	9,500.000	E	52	200	ug/Kg
Q1139-12	DCZH9	Solid	Benzo(a)anthracene	12,000.000	E	47	200	ug/Kg
Q1139-12	DCZH9	Solid	Benzo(a)pyrene	2,200.000		51	200	ug/Kg
Q1139-12	DCZH9	Solid	Benzo(b)fluoranthene	10,000.000	E	51	200	ug/Kg
Q1139-12	DCZH9	Solid	Benzo(g,h,i)perylene	150.000	J	42	200	ug/Kg
Q1139-12	DCZH9	Solid	Benzo(k)fluoranthene	3,500.000	E	54	200	ug/Kg
Q1139-12	DCZH9	Solid	Chrysene	14,000.000	E	54	200	ug/Kg
Q1139-12	DCZH9	Solid	Dibenzo(a,h)anthracene	580.000		45	200	ug/Kg
Q1139-12	DCZH9	Solid	Fluoranthene	26,000.000	E	53	200	ug/Kg
Q1139-12	DCZH9	Solid	Fluorene	15,000.000	E	54	200	ug/Kg
Q1139-12	DCZH9	Solid	Indeno(1,2,3-cd)pyrene	1,100.000		45	200	ug/Kg
Q1139-12	DCZH9	Solid	Naphthalene	650.000		41	200	ug/Kg
Q1139-12	DCZH9	Solid	Pentachlorophenol	130.000	J	100	400	ug/Kg
Q1139-12	DCZH9	Solid	Phenanthrene	28,000.000	E	53	200	ug/Kg
Q1139-12	DCZH9	Solid	Pyrene	18,000.000	E	53	200	ug/Kg

Total Svoc :

160,680.00

Total Concentration:

182,082.00

Client ID : DCZJ0

Q1139-13	DCZJ0	Solid	(DEL) Alkane: Cyclic20.856	*	120.000	J		
Q1139-13	DCZJ0	Solid	11H-Benzo[a]fluorene	*	310.000	J		
Q1139-13	DCZJ0	Solid	11H-Benzo[b]fluorene	*	320.000	J		
Q1139-13	DCZJ0	Solid	1H-Indene, 1-phenyl-	*	230.000	J		
Q1139-13	DCZJ0	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	160.000	J		
Q1139-13	DCZJ0	Solid	4-(4-Methylphenyl)benzaldehyde	*	120.000	J		
Q1139-13	DCZJ0	Solid	4H-Cyclopenta[def]phenanthrene	*	1,300.000	J		
Q1139-13	DCZJ0	Solid	9H-Fluorene, 2-methyl-	*	170.000	J		
Q1139-13	DCZJ0	Solid	Acridine	*	150.000	J		
Q1139-13	DCZJ0	Solid	Anthracene, 2-methyl-	*	410.000	J		
Q1139-13	DCZJ0	Solid	Benzo[e]pyrene	*	120.000	J		
Q1139-13	DCZJ0	Solid	Benzo[k]xanthene	*	110.000	J		
Q1139-13	DCZJ0	Solid	Benzophenone	*	510.000	J		
Q1139-13	DCZJ0	Solid	Carba zole	*	140.000	J		
Q1139-13	DCZJ0	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	110.000	J		
Q1139-13	DCZJ0	Solid	Naphthalene, 1-phenyl-	*	180.000	J		
Q1139-13	DCZJ0	Solid	Naphthalene, 2-phenyl-	*	500.000	J		
Q1139-13	DCZJ0	Solid	Perylene	*	320.000	J		
Q1139-13	DCZJ0	Solid	Phenanthrene, 1-methyl-	*	550.000	J		
Q1139-13	DCZJ0	Solid	Phenanthrene, 2,3-dimethyl-	*	87.000	J		
Q1139-13	DCZJ0	Solid	Phenanthrene, 2,5-dimethyl-	*	190.000	J		
Q1139-13	DCZJ0	Solid	Phenanthrene, 2-methyl-	*	330.000	J		

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-13	DCZJ0	Solid	Pyrene, 1-methyl-	*	140.000	J		
Q1139-13	DCZJ0	Solid	Pyrene, 2-methyl-	*	160.000	J		
Q1139-13	DCZJ0	Solid	Quinoline, 2-methyl-	*	110.000	J		
Q1139-13	DCZJ0	Solid	Total Alkanes	*	120.000	61	220	ug/Kg
Total Tics :				6,967.00				
Q1139-13	DCZJ0	Solid	Acenaphthene		53.000	J 52	220	ug/Kg
Q1139-13	DCZJ0	Solid	Acenaphthylene		58.000	J 55	220	ug/Kg
Q1139-13	DCZJ0	Solid	Anthracene		800.000	55	220	ug/Kg
Q1139-13	DCZJ0	Solid	Benzo(a)anthracene		1,400.000	49	220	ug/Kg
Q1139-13	DCZJ0	Solid	Benzo(a)pyrene		480.000	53	220	ug/Kg
Q1139-13	DCZJ0	Solid	Benzo(b)fluoranthene		800.000	53	220	ug/Kg
Q1139-13	DCZJ0	Solid	Benzo(g,h,i)perylene		140.000	J 44	220	ug/Kg
Q1139-13	DCZJ0	Solid	Benzo(k)fluoranthene		270.000	57	220	ug/Kg
Q1139-13	DCZJ0	Solid	Chrysene		1,400.000	57	220	ug/Kg
Q1139-13	DCZJ0	Solid	Dibenzo(a,h)anthracene		48.000	J 47	220	ug/Kg
Q1139-13	DCZJ0	Solid	Fluoranthene		5,800.000	E 56	220	ug/Kg
Q1139-13	DCZJ0	Solid	Fluorene		170.000	J 57	220	ug/Kg
Q1139-13	DCZJ0	Solid	Indeno(1,2,3-cd)pyrene		140.000	J 47	220	ug/Kg
Q1139-13	DCZJ0	Solid	Phenanthrene		470.000	56	220	ug/Kg
Q1139-13	DCZJ0	Solid	Pyrene		4,600.000	E 56	220	ug/Kg
Total Svoc :				16,629.00				
Total Concentration:				23,596.00				
Client ID : DCZJ1								
Q1139-14	DCZJ1	Solid	Behenic alcohol	*	110.000	J		
Q1139-14	DCZJ1	Solid	Benzophenone	*	410.000	J		
Q1139-14	DCZJ1	Solid	n-Hexadecanoic acid	*	93.000	J		
Q1139-14	DCZJ1	Solid	Total Alkanes	*	0.000	61	220	ug/Kg
Total Tics :				613.00				
Total Concentration:				613.00				
Client ID : DCZJ2								
Q1139-15	DCZJ2	Solid	Benzophenone	*	370.000	J		
Q1139-15	DCZJ2	Solid	n-Hexadecanoic acid	*	88.000	J		
Q1139-15	DCZJ2	Solid	Total Alkanes	*	0.000	59	210	ug/Kg
Total Tics :				458.00				
Total Concentration:				458.00				
Client ID : DCZJ3								
Q1139-16	DCZJ3	Solid	Benzophenone	*	410.000	J		
Q1139-16	DCZJ3	Solid	Hexathiane	*	95.000	J		
Q1139-16	DCZJ3	Solid	Isopropyl palmitate	*	85.000	J		

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-16	DCZJ3	Solid	n-Hexadecanoic acid	*	140.000	J		
Q1139-16	DCZJ3	Solid	Total Alkanes	*	0.000	55	190	ug/Kg
Total Tics :				730.00				
Q1139-16	DCZJ3	Solid	Benzo(a)anthracene		50.000	J	45	190 ug/Kg
Q1139-16	DCZJ3	Solid	Benzo(b)fluoranthene		62.000	J	48	190 ug/Kg
Q1139-16	DCZJ3	Solid	Fluoranthene		93.000	J	50	190 ug/Kg
Q1139-16	DCZJ3	Solid	Phenanthrene		110.000	J	50	190 ug/Kg
Q1139-16	DCZJ3	Solid	Pyrene		86.000	J	50	190 ug/Kg
Total Svoc :				401.00				
Total Concentration:				1,131.00				
Client ID : DCZJ4								
Q1139-17	DCZJ4	Solid	(DEL) Alkane: Straight-Chain20.8	*	93.000	J		
Q1139-17	DCZJ4	Solid	Benzophenone	*	380.000	J		
Q1139-17	DCZJ4	Solid	Hexathiane	*	100.000	J		
Q1139-17	DCZJ4	Solid	n-Hexadecanoic acid	*	120.000	J		
Q1139-17	DCZJ4	Solid	Total Alkanes	*	93.000	57	200	ug/Kg
Total Tics :				786.00				
Total Concentration:				786.00				
Client ID : DCZJ5								
Q1139-18	DCZJ5	Solid	Benzophenone	*	400.000	J		
Q1139-18	DCZJ5	Solid	n-Hexadecanoic acid	*	150.000	J		
Q1139-18	DCZJ5	Solid	n-Tetracosanol-1	*	100.000	J		
Q1139-18	DCZJ5	Solid	Total Alkanes	*	0.000	57	200	ug/Kg
Total Tics :				650.00				
Total Concentration:				650.00				
Client ID : DCZJ6								
Q1139-19	DCZJ6	Solid	(DEL) Alkane: Straight-Chain24.9	*	160.000	J		
Q1139-19	DCZJ6	Solid	11H-Benzo[a]fluoren-11-one	*	180.000	J		
Q1139-19	DCZJ6	Solid	11H-Benzo[a]fluorene	*	210.000	J		
Q1139-19	DCZJ6	Solid	11H-Benzo[b]fluorene	*	140.000	J		
Q1139-19	DCZJ6	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	330.000	J		
Q1139-19	DCZJ6	Solid	4H-Cyclopenta[def]phenanthrene	*	810.000	J		
Q1139-19	DCZJ6	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	130.000	J		
Q1139-19	DCZJ6	Solid	5H-Indeno[1,2-b]pyridine	*	1,000.000	J		
Q1139-19	DCZJ6	Solid	9,10-Anthracenedione	*	540.000	J		
Q1139-19	DCZJ6	Solid	9H-Carbazole, 2-methyl-	*	140.000	J		
Q1139-19	DCZJ6	Solid	Aceto phenone	*	500.000	J		
Q1139-19	DCZJ6	Solid	Acridine	*	310.000	J		
Q1139-19	DCZJ6	Solid	Anthrone	*	200.000	J		

Hit Summary Sheet
SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-19	DCZJ6	Solid	Benz[a]anthracene, 2-methyl-	*	180.000	J		
Q1139-19	DCZJ6	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	210.000	J		
Q1139-19	DCZJ6	Solid	Benzo[e]pyrene	*	390.000	J		
Q1139-19	DCZJ6	Solid	Benzophenone	*	320.000	J		
Q1139-19	DCZJ6	Solid	Chrysene, 6-methyl-	*	140.000	J		
Q1139-19	DCZJ6	Solid	Cyclopenta(def)phenanthrenone	*	360.000	J		
Q1139-19	DCZJ6	Solid	di-p-Tolylacetylene	*	180.000	J		
Q1139-19	DCZJ6	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	160.000	J		
Q1139-19	DCZJ6	Solid	Fluoranthene, 2-methyl-	*	160.000	J		
Q1139-19	DCZJ6	Solid	Indene	*	170.000	J		
Q1139-19	DCZJ6	Solid	Indole	*	170.000	J		
Q1139-19	DCZJ6	Solid	Perylene	*	740.000	J		
Q1139-19	DCZJ6	Solid	Phenanthrene, 1-methyl-	*	440.000	J		
Q1139-19	DCZJ6	Solid	Phenanthrene, 2,5-dimethyl-	*	350.000	J		
Q1139-19	DCZJ6	Solid	Phenanthrene, 2-methyl-	*	170.000	J		
Q1139-19	DCZJ6	Solid	Phenanthrene, 3,6-dimethyl-	*	130.000	J		
Q1139-19	DCZJ6	Solid	Pyrene, 1-methyl-	*	150.000	J		
Q1139-19	DCZJ6	Solid	Pyrene, 2-methyl-	*	210.000	J		
Q1139-19	DCZJ6	Solid	Total Alkanes	*	160.000	58	200	ug/Kg
Total Tics :				9,440.00				
Q1139-19	DCZJ6	Solid	2-Methylnaphthalene		77.000	J 44	200	ug/Kg
Q1139-19	DCZJ6	Solid	Acenaphthylene		450.000	52	200	ug/Kg
Q1139-19	DCZJ6	Solid	Anthracene		2,300.000	52	200	ug/Kg
Q1139-19	DCZJ6	Solid	Benzo(a)anthracene		2,800.000	47	200	ug/Kg
Q1139-19	DCZJ6	Solid	Benzo(a)pyrene		900.000	50	200	ug/Kg
Q1139-19	DCZJ6	Solid	Benzo(b)fluoranthene		6,900.000	E 50	200	ug/Kg
Q1139-19	DCZJ6	Solid	Benzo(g,h,i)perylene		100.000	J 42	200	ug/Kg
Q1139-19	DCZJ6	Solid	Benzo(k)fluoranthene		2,200.000	54	200	ug/Kg
Q1139-19	DCZJ6	Solid	Chrysene		5,400.000	E 54	200	ug/Kg
Q1139-19	DCZJ6	Solid	Dibenzo(a,h)anthracene		490.000	44	200	ug/Kg
Q1139-19	DCZJ6	Solid	Fluoranthene		5,000.000	E 53	200	ug/Kg
Q1139-19	DCZJ6	Solid	Fluorene		110.000	J 54	200	ug/Kg
Q1139-19	DCZJ6	Solid	Indeno(1,2,3-cd)pyrene		860.000	44	200	ug/Kg
Q1139-19	DCZJ6	Solid	Naphthalene		210.000	41	200	ug/Kg
Q1139-19	DCZJ6	Solid	Pentachlorophenol		150.000	J 100	400	ug/Kg
Q1139-19	DCZJ6	Solid	Phenanthrene		830.000	53	200	ug/Kg
Q1139-19	DCZJ6	Solid	Pyrene		3,500.000	E 53	200	ug/Kg
Total Svoc :				32,277.00				
Total Concentration:				41,717.00				

Client ID : DCZJ7

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-20	DCZJ7	Solid	(DEL) Alkane: Cyclic20.862	*	96.000	J		
Q1139-20	DCZJ7	Solid	Benzo[e]pyrene	*	130.000	J		
Q1139-20	DCZJ7	Solid	Benzophenone	*	540.000	J		
Q1139-20	DCZJ7	Solid	Methanone, (1-hydroxycyclohexy	*	87.000	J		
Q1139-20	DCZJ7	Solid	n-Hexadecanoic acid	*	300.000	J		
Q1139-20	DCZJ7	Solid	Total Alkanes	*	96.000	58	200	ug/Kg
Total Tics :					1,249.00			
Q1139-20	DCZJ7	Solid	Anthracene		69.000	J 52	200	ug/Kg
Q1139-20	DCZJ7	Solid	Benzo(a)anthracene		97.000	J 47	200	ug/Kg
Q1139-20	DCZJ7	Solid	Benzo(a)pyrene		140.000	J 51	200	ug/Kg
Q1139-20	DCZJ7	Solid	Benzo(b)fluoranthene		340.000	51	200	ug/Kg
Q1139-20	DCZJ7	Solid	Benzo(g,h,i)perylene		97.000	J 42	200	ug/Kg
Q1139-20	DCZJ7	Solid	Benzo(k)fluoranthene		98.000	J 54	200	ug/Kg
Q1139-20	DCZJ7	Solid	Chrysene		190.000	J 54	200	ug/Kg
Q1139-20	DCZJ7	Solid	Fluoranthene		120.000	J 53	200	ug/Kg
Q1139-20	DCZJ7	Solid	Indeno(1,2,3-cd)pyrene		87.000	J 45	200	ug/Kg
Q1139-20	DCZJ7	Solid	Pyrene		120.000	J 53	200	ug/Kg
Total Svoc :					1,358.00			
Total Concentration:					2,607.00			
Client ID : DCZJ8								
Q1139-21	DCZJ8	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *		3.300	J		
Q1139-21	DCZJ8	Water	Phenol, 4-chloro-3-methyl-	*	3.800	J		
Q1139-21	DCZJ8	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
Total Tics :					7.10			
Total Concentration:					7.10			
Client ID : DCZJ9								
Q1139-22	DCZJ9	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *		5.300	J		
Q1139-22	DCZJ9	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :					5.30			
Total Concentration:					5.30			



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM011325 SAS No.: BM011325 SDG No.: BM011325
Instrument ID: _____ Calibration Date(s): 1/13/2025 : _____
Calibration Time(s): 13:05 _____

LAB FILE ID:		RRFAL1 = BM049335.D		RRFAL2 = BM049336.D		RRFAL3 = BM049337.D		
		RRFAL4 = BM049338.D		RRFAL5 = BM049339.D		RRFAL6 = BM049340.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.562	0.516	0.589	0.492	0.488		0.530	8.4
Benzaldehyde		1.041	1.248	0.978	0.728	0.531	0.905	30.9
Pyridine		1.416	1.745	1.540	1.526	1.552	1.556	7.6
Hexachloroethane	0.530	0.530	0.649	0.584	0.576		0.574	8.6
Nitrobenzene	0.358	0.367	0.442	0.407	0.402		0.395	8.6
Isophorone	0.682	0.706	0.866	0.804	0.781		0.768	9.7
2-Nitrophenol	0.155	0.165	0.211	0.200	0.206		0.187	13.7
2,4-Dimethylphenol	0.315	0.322	0.393	0.364	0.360		0.351	9.1
Bis(2-Chloroethoxy)methane	0.425	0.442	0.529	0.487	0.477		0.472	8.6
2,4-Dichlorophenol	0.299	0.320	0.391	0.364	0.360		0.347	10.6
Naphthalene	0.976	0.978	1.178	1.096	1.080		1.061	8.1
4-Chloroaniline		0.381	0.477	0.452	0.441	0.431	0.437	8.1
Hexachlorobutadiene	0.231	0.236	0.277	0.247	0.246		0.247	7.3
Phenol		1.549	1.904	1.747	1.772	1.755	1.746	7.3
Caprolactam		0.091	0.118	0.108	0.100	0.099	0.103	9.9
4-Chloro-3-methylphenol	0.269	0.287	0.374	0.351	0.339		0.324	13.6
1-Methylnaphthalene	0.674	0.701	0.853	0.790	0.762		0.756	9.4
2-Methylnaphthalene	0.679	0.698	0.852	0.795	0.773		0.760	9.4
Hexachlorocyclopentadiene		0.333	0.412	0.414	0.444	0.474	0.415	12.7
2,4,6-Trichlorophenol	0.352	0.381	0.474	0.457	0.466		0.426	13.0
2,4,5-Trichlorophenol	0.370	0.414	0.509	0.494	0.496		0.456	13.5
1,1-Biphenyl	1.317	1.341	1.626	1.534	1.503		1.464	9.0
2-Chloronaphthalene	1.071	1.074	1.295	1.219	1.196		1.171	8.3
2-Nitroaniline	0.239	0.272	0.353	0.342	0.339		0.309	16.3
Bis(2-Chloroethyl)ether		1.307	1.591	1.416	1.408	1.385	1.421	7.3
Dimethylphthalate	1.380	1.395	1.654	1.506	1.428		1.473	7.6
2,6-Dinitrotoluene	0.210	0.239	0.317	0.306	0.301		0.275	17.2
Acenaphthylene	1.568	1.598	1.948	1.826	1.771		1.742	9.1
3-Nitroaniline		0.226	0.304	0.289	0.264	0.264	0.270	11.0
Acenaphthene	1.125	1.155	1.394	1.299	1.251		1.245	8.8
2,4-Dinitrophenol		0.113	0.167	0.180	0.189	0.211	0.172	21.4
4-Nitrophenol		0.151	0.199	0.190	0.182	0.188	0.182	10.0
Dibenzofuran	1.655	1.678	1.992	1.811	1.702		1.768	7.9
2,4-Dinitrotoluene	0.328	0.371	0.479	0.443	0.417		0.408	14.6
Diethylphthalate	1.307	1.367	1.641	1.492	1.369		1.435	9.3
2-Chlorophenol	1.182	1.217	1.510	1.374	1.391		1.335	10.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM

Case No.: BM011325

SAS No.: BM011325

SDG No.: BM011325

Instrument ID: _____

Calibration Date(s): 1/13/2025 : _____

Calibration Time(s): 13:05 _____

LAB FILE ID:		RRFAL1 = BM049335.D		RRFAL2 = BM049336.D		RRFAL3 = BM049337.D		
		RRFAL4 = BM049338.D		RRFAL5 = BM049339.D		RRFAL6 = BM049340.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.308	1.389	1.687	1.501	1.337		1.444	10.7
4-Chlorophenyl-phenylether	0.719	0.754	0.890	0.816	0.756		0.787	8.5
4-Nitroaniline		0.220	0.307	0.266	0.216	0.203	0.243	17.7
4,6-Dinitro-2-methylphenol		0.108	0.145	0.143	0.147	0.153	0.139	12.7
N-Nitrosodiphenylamine	0.513	0.538	0.665	0.630	0.621		0.593	10.9
1,2,4,5-Tetrachlorobenzene	0.622	0.632	0.745	0.716	0.746		0.692	8.8
4-Bromophenyl-phenylether	0.188	0.203	0.249	0.243	0.254		0.227	13.1
Hexachlorobenzene	0.235	0.241	0.288	0.275	0.283		0.264	9.3
Atrazine		0.216	0.266	0.249	0.243	0.239	0.243	7.4
Pentachlorophenol		0.139	0.179	0.177	0.186	0.196	0.175	12.4
2-Methylphenol		1.089	1.395	1.299	1.311	1.282	1.275	8.8
Phenanthrene	0.993	1.024	1.245	1.160	1.136		1.112	9.3
Pentachlorobenzene	0.287	0.298	0.363	0.348	0.371		0.334	11.5
Anthracene	0.988	1.032	1.261	1.176	1.123		1.116	9.8
1,2,3,4-Tetrachlorobenzene	0.279	0.291	0.358	0.350	0.393		0.334	14.3
Carbazole		0.900	1.106	1.003	0.964	0.979	0.990	7.6
Di-n-butylphthalate	1.060	1.119	1.393	1.288	1.206		1.213	10.9
Fluoranthene	1.105	1.179	1.569	1.594	1.547		1.399	16.9
Pyrene	1.215	1.281	1.672	1.676	1.600		1.489	15.0
Butylbenzylphthalate	0.405	0.441	0.603	0.599	0.588		0.527	18.3
3,3-Dichlorobenzidine		0.326	0.423	0.392	0.373	0.359	0.375	9.7
2,2-oxybis(1-Chloropropane)		2.023	2.443	2.156	2.068	1.962	2.130	8.9
Benzo(a)anthracene	1.244	1.277	1.556	1.455	1.436		1.394	9.4
Chrysene	1.136	1.157	1.426	1.322	1.321		1.272	9.7
Bis(2-ethylhexyl)phthalate	0.613	0.680	0.900	0.881	0.846		0.784	16.5
Di-n-octyl phthalate		1.083	1.615	1.583	1.583	1.421	1.457	15.3
Benzo(b)fluoranthene	1.108	1.153	1.510	1.441	1.481		1.339	14.4
Benzo(k)fluoranthene	1.102	1.152	1.548	1.444	1.429		1.335	14.7
Benzo(a)pyrene	1.012	1.050	1.367	1.295	1.322		1.209	13.7
Indeno(1,2,3-cd)pyrene	1.171	1.182	1.480	1.479	1.623		1.387	14.5
Dibenzo(a,h)anthracene	0.947	0.958	1.212	1.208	1.324		1.130	14.9
Benzo(g,h,i)perylene	0.886	0.874	1.097	1.110	1.209		1.035	14.3
Acetophenone		1.953	2.429	2.250	2.096	1.904	2.126	10.2
2,3,4,6-Tetrachlorophenol	0.328	0.355	0.436	0.407	0.402		0.386	11.3
1,4-Dioxane-d8	0.465	0.469	0.551	0.472	0.459		0.483	7.9
Pyridine-d5		1.348	1.729	1.522	1.530	1.565	1.539	8.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM011325 SAS No.: BM011325 SDG No.: BM011325
Instrument ID: _____ Calibration Date(s): 1/13/2025 : _____
Calibration Time(s): 13:05 _____

LAB FILE ID:		RRFAL1 = BM049335.D			RRFAL2 = BM049336.D		RRFAL3 = BM049337.D	
		RRFAL4 = BM049338.D			RRFAL5 = BM049339.D		RRFAL6 = BM049340.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.439	1.824	1.686	1.719	1.726	1.679	8.6
Bis-(2-Chloroethyl)ether-d8		1.034	1.273	1.116	1.094	1.072	1.118	8.2
2-Chlorophenol-d4	1.111	1.146	1.463	1.335	1.366		1.284	11.7
4-Methylphenol-d8		1.111	1.434	1.339	1.335	1.290	1.302	9.1
Nitrobenzene-d5	0.129	0.138	0.171	0.161	0.164		0.153	11.8
2-Nitrophenol-d4	0.132	0.150	0.193	0.186	0.193		0.170	16.5
2,4-Dichlorophenol-d3	0.290	0.311	0.395	0.371	0.373		0.348	13.0
4-Chloroaniline-d4		0.401	0.499	0.472	0.463	0.454	0.458	7.9
4-Methylphenol		1.205	1.527	1.443	1.444	1.367	1.397	8.7
Dimethylphthalate-d6	1.363	1.408	1.681	1.530	1.460		1.489	8.3
Acenaphthylene-d8	1.466	1.552	1.916	1.811	1.753		1.699	11.0
4-Nitrophenol-d4		0.192	0.265	0.258	0.252	0.266	0.247	12.5
Fluorene-d10	1.154	1.219	1.462	1.332	1.263		1.286	9.2
4,6-Dinitro-2-methylphenol		0.094	0.130	0.131	0.138	0.144	0.127	15.3
Anthracene-d10	0.867	0.920	1.118	1.032	1.007		0.989	9.9
Pyrene-d10	0.962	1.040	1.367	1.366	1.350		1.217	16.4
Benzo(a)pyrene-d12	0.870	0.930	1.211	1.154	1.202		1.074	15.0
N-Nitroso-di-n-propylamine	1.005	1.061	1.348	1.221	1.108		1.148	11.9

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.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020008 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 17:05

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	256234	7.522	1.04857e+01	10.29	749587	14.16
	UPPER LIMIT	512468	8.022	2097140	10.786	1499174	14.663
	LOWER LIMIT	128117	7.022	524285	9.786	374793.5	13.663
	EPA SAMPLE NO.						
01	SBLK157	214994	7.52	780126	10.28	481170	14.16
02	SBLK156	168732	7.52	589973	10.28	343327 *	14.16
03	JNLA7	156710	7.52	552457	10.28	324607 *	14.16
04	JNLA7	200388	7.52	733027	10.28	444173	14.16
05	DCZJ8	182103	7.52	679675	10.28	437346	14.16
06	DCZJ9	177171	7.52	625046	10.28	364321 *	14.16
07	SLCS157	217104	7.52	844130	10.28	593710	14.16
08	SLCS156	267141	7.52	1.0546e+	10.28	697262	14.16
09	SLCS161	167141	7.52	627488	10.28	393895	14.16
10	SLEB133	232277	7.52	826165	10.28	487217	14.16
11	SBLK161	196971	7.52	707039	10.28	420811	14.16
12	SBLK160	226964	7.52	817191	10.28	508066	14.16
13	DCZH0	247500	7.52	899448	10.28	563670	14.16
14	DCZH1	230752	7.52	833922	10.28	516096	14.16
15	DCZH2	285794	7.52	1.04306e	10.28	622031	14.16
16	DCZH2MS	264009	7.52	1.0031e+	10.28	634360	14.16
17	DCZH2MSD	264269	7.52	989159	10.28	618550	14.16
18	DCZJ1	253877	7.52	918128	10.28	557251	14.16
19	DCZJ2	211388	7.52	756259	10.28	461826	14.16
20	DCZJ3	215437	7.52	786166	10.28	483559	14.16
21	DCZJ4	228564	7.52	828356	10.28	503473	14.16
22	DCZJ5	220920	7.52	789833	10.28	477716	14.16
23	YE8F5	243339	7.52	895555	10.28	544900	14.16

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020008 Date Analyzed: Jan 22 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 22:02

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	256234	7.522	1.04857e+01	10.29	749587	14.16
UPPER LIMIT	512468	8.022	2097140	10.786	1499174	14.663
LOWER LIMIT	128117	7.022	524285	9.786	374793.5	13.663
EPA SAMPLE NO.						
24 SLCS160	246151	7.52	925469	10.28	598671	14.16
25 SBLK160	320406	7.52	1.16281e	10.28	724606	14.16
26 SBLK176	253611	7.52	926265	10.28	569183	14.16
27 DCZJ6	279404	7.52	1.023e+0	10.28	651502	14.16
28 DCZJ7	350776	7.52	1.33355e	10.28	808465	14.16
29 DCZH3	426875	7.52	1.57306e	10.30	1.09193e	14.16
30 DCZH9	385863	7.52	1.38104e	10.28	826967	14.16
31 DCZH7	492495	7.52	1.82356e	10.29	1.13105e	14.16
32 DCZH8	380279	7.52	1.40199e	10.28	850826	14.16
33 DCZH5	436883	7.52	1.68927e	10.28	1.05047e	14.16
34 DCZH4	490958	7.52	1.8352e+	10.29	1.22247e	14.16
35 DCZH6	487369	7.52	1.84875e	10.28	1.19723e	14.16
36 DCZJ0	421929	7.52	1.58965e	10.28	997802	14.16
37 SLCS176	399217	7.52	1.50164e	10.28	905584	14.16

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.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020067 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BM049367.D Time Analyzed: 17:05

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	193898	7.522	725914	10.28	466050	14.16
UPPER LIMIT	387796	8.022	1451828	10.781	932100	14.663
LOWER LIMIT	96949	7.022	362957	9.781	233025	13.663
EPA SAMPLE NO.						
01 SBLK157	214994	7.52	780126	10.28	481170	14.16
02 SBLK156	168732	7.52	589973	10.28	343327	14.16
03 JNLA7	156710	7.52	552457	10.28	324607	14.16
04 JNLA7	200388	7.52	733027	10.28	444173	14.16
05 DCZJ8	182103	7.52	679675	10.28	437346	14.16
06 DCZJ9	177171	7.52	625046	10.28	364321	14.16
07 SLCS157	217104	7.52	844130	10.28	593710	14.16
08 SLCS156	267141	7.52	1.0546e+	10.28	697262	14.16
09 SLCS161	167141	7.52	627488	10.28	393895	14.16
10 SLEB133	232277	7.52	826165	10.28	487217	14.16
11 SBLK161	196971	7.52	707039	10.28	420811	14.16

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.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020069 Date Analyzed: Jan 22 2025 12:00AM

Lab File ID: BM049381.D Time Analyzed: 14:15

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	247239	7.516	953587	10.28	604461	14.16
UPPER LIMIT	494478	8.016	1907174	10.781	1208922	14.663
LOWER LIMIT	123619.5	7.016	476793.5	9.781	302230.5	13.663
EPA SAMPLE NO.						
01 SBLK160	226964	7.52	817191	10.28	508066	14.16
02 DCZH0	247500	7.52	899448	10.28	563670	14.16
03 DCZH1	230752	7.52	833922	10.28	516096	14.16
04 DCZH2	285794	7.52	1.04306e	10.28	622031	14.16
05 DCZH2MS	264009	7.52	1.0031e+	10.28	634360	14.16
06 DCZH2MSD	264269	7.52	989159	10.28	618550	14.16
07 DCZJ1	253877	7.52	918128	10.28	557251	14.16
08 DCZJ2	211388	7.52	756259	10.28	461826	14.16
09 DCZJ3	215437	7.52	786166	10.28	483559	14.16
10 DCZJ4	228564	7.52	828356	10.28	503473	14.16
11 DCZJ5	220920	7.52	789833	10.28	477716	14.16
12 YE8F5	243339	7.52	895555	10.28	544900	14.16
13 SLCS160	246151	7.52	925469	10.28	598671	14.16

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.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020070 Date Analyzed: Jan 22 2025 12:00AM

Lab File ID: BM049395.D Time Analyzed: 23:59

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	253882	7.516	936113	10.28	590985	14.16
UPPER LIMIT	507764	8.016	1872226	10.78	1181970	14.657
LOWER LIMIT	126941	7.016	468056.5	9.78	295492.5	13.657
EPA SAMPLE NO.						
01 SBLK160	320406	7.52	1.16281e	10.28	724606	14.16
02 SBLK176	253611	7.52	926265	10.28	569183	14.16
03 DCZJ6	279404	7.52	1.023e+0	10.28	651502	14.16
04 DCZJ7	350776	7.52	1.33355e	10.28	808465	14.16
05 DCZH3	426875	7.52	1.57306e	10.30	1.09193e	14.16
06 DCZH9	385863	7.52	1.38104e	10.28	826967	14.16
07 DCZH7	492495	7.52	1.82356e	10.29	1.13105e	14.16
08 DCZH8	380279	7.52	1.40199e	10.28	850826	14.16
09 DCZH5	436883	7.52	1.68927e	10.28	1.05047e	14.16
10 DCZH4	490958	7.52	1.8352e+	10.29	1.22247e *	14.16
11 DCZH6	487369	7.52	1.84875e	10.28	1.19723e *	14.16
12 DCZJ0	421929	7.52	1.58965e	10.28	997802	14.16
13 SLCS176	399217	7.52	1.50164e	10.28	905584	14.16

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.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020008 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 17:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.54387e+01	16.915	1.43091e+	21.145	1.19661e+01	23.933
	UPPER LIMIT	3087740	17.415	2861820	21.645	2393220	24.433
	LOWER LIMIT	771935	16.415	715455	20.645	598305	23.433
	EPA SAMPLE NO.						
01	SBLK157	913911	16.91	727646	21.15	731320	23.92
02	SBLK156	661412 *	16.91	580212 *	21.14	633377	23.92
03	JNLA7	633497 *	16.91	581884 *	21.14	655202	23.92
04	JNLA7	847939	16.91	671175 *	21.14	713759	23.92
05	DCZJ8	890929	16.91	805854	21.14	876184	23.92
06	DCZJ9	697646 *	16.91	596924 *	21.14	656492	23.92
07	SLCS157	1.21754	16.91	1.17e+006	21.14	1.05156e+	23.92
08	SLCS156	1.31655	16.91	1.13936e+	21.15	984052	23.92
09	SLCS161	748638 *	16.91	695917 *	21.14	695927	23.92
10	SLEB133	895557	16.91	708842 *	21.14	741287	23.92
11	SBLK161	798789	16.91	644981 *	21.14	678543	23.92
12	SBLK160	981043	16.91	818736	21.14	837477	23.92
13	DCZH0	1.141e+	16.91	1.11492e+	21.14	1.08817e+	23.92
14	DCZH1	1.01238	16.91	970139	21.14	934708	23.92
15	DCZH2	1.1258e	16.91	919721	21.14	918246	23.92
16	DCZH2MS	1.16358	16.91	1.01271e+	21.14	905021	23.92
17	DCZH2MSD	1.1727e	16.91	1.10403e+	21.14	1.02647e+	23.92
18	DCZJ1	1.0703e	16.91	936676	21.14	943970	23.92
19	DCZJ2	889536	16.91	773728	21.14	802202	23.92
20	DCZJ3	938143	16.91	866290	21.14	902264	23.92
21	DCZJ4	948077	16.91	823416	21.14	863220	23.92

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020008 Date Analyzed: Jan 22 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 20:44

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.54387e+01	16.915	1.43091e+	21.145	1.19661e+01	23.933
	UPPER LIMIT	3087740	17.415	2861820	21.645	2393220	24.433
	LOWER LIMIT	771935	16.415	715455	20.645	598305	23.433
	EPA SAMPLE NO.						
22	DCZJ5	924792	16.91	838698	21.14	889758	23.92
23	YE8F5	1.01492	16.91	846564	21.14	853658	23.92
24	SLCS160	1.16378	16.91	1.09878e+	21.14	1.0723e+0	23.92
25	SBLK160	1.39381	16.91	1.14382e+	21.14	1.15784e+	23.92
26	SBLK176	1.06644	16.91	840293	21.13	852395	23.92
27	DCZJ6	1.35263	16.91	1.52122e+	21.15	1.52441e+	23.93
28	DCZJ7	1.46961	16.91	1.20254e+	21.14	1.20793e+	23.92
29	DCZH3	1.57619	16.95	1.30512e+	21.16	1.37186e+	23.93
30	DCZH9	1.2446e	16.93	1.18605e+	21.17	1.41886e+	23.94
31	DCZH7	1.76712	16.93	1.61283e+	21.15	1.69622e+	23.92
32	DCZH8	1.44411	16.92	1.29702e+	21.14	1.3254e+0	23.92
33	DCZH5	1.54059	16.93	1.45636e+	21.15	1.50687e+	23.92
34	DCZH4	1.77558	16.93	1.5347e+0	21.15	1.67363e+	23.92
35	DCZH6	1.96934	16.93	1.57984e+	21.15	1.68631e+	23.92
36	DCZJ0	1.89124	16.91	1.57196e+	21.14	1.53601e+	23.92
37	SLCS176	1.64866	16.91	1.42361e+	21.14	1.41315e+	23.92

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020008 Date Analyzed: Jan 23 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 07:44

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.54387e+01	16.915	1.43091e+01	21.145	1.19661e+01	23.933
UPPER LIMIT	3087740	17.415	2861820	21.645	2393220	24.433
LOWER LIMIT	771935	16.415	715455	20.645	598305	23.433
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020067 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BM049367.D Time Analyzed: 17:05

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	921299	16.91	851099	21.145	806586	23.927
UPPER LIMIT	1842598	17.41	1702198	21.645	1613172	24.427
LOWER LIMIT	460649.5	16.41	425549.5	20.645	403293	23.427
EPA SAMPLE NO.						
01 SBLK157	913911	16.91	727646	21.15	731320	23.92
02 SBLK156	661412	16.91	580212	21.14	633377	23.92
03 JNLA7	633497	16.91	581884	21.14	655202	23.92
04 JNLA7	847939	16.91	671175	21.14	713759	23.92
05 DCZJ8	890929	16.91	805854	21.14	876184	23.92
06 DCZJ9	697646	16.91	596924	21.14	656492	23.92
07 SLCS157	1.21754	16.91	1.17e+006	21.14	1.05156e+	23.92
08 SLCS156	1.31655	16.91	1.13936e+	21.15	984052	23.92
09 SLCS161	748638	16.91	695917	21.14	695927	23.92
10 SLEB133	895557	16.91	708842	21.14	741287	23.92
11 SBLK161	798789	16.91	644981	21.14	678543	23.92

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.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020069 Date Analyzed: Jan 22 2025 12:00AM

Lab File ID: BM049381.D Time Analyzed: 14:15

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	1.10642e+0	16.915	911378	21.145	842132	23.921
UPPER LIMIT	2212840	17.415	1822756	21.645	1684264	24.421
LOWER LIMIT	553210	16.415	455689	20.645	421066	23.421
EPA SAMPLE NO.						
01 SBLK160	981043	16.91	818736	21.14	837477	23.92
02 DCZH0	1.141e+	16.91	1.11492e+	21.14	1.08817e+	23.92
03 DCZH1	1.01238	16.91	970139	21.14	934708	23.92
04 DCZH2	1.1258e	16.91	919721	21.14	918246	23.92
05 DCZH2MS	1.16358	16.91	1.01271e+	21.14	905021	23.92
06 DCZH2MSD	1.1727e	16.91	1.10403e+	21.14	1.02647e+	23.92
07 DCZJ1	1.0703e	16.91	936676	21.14	943970	23.92
08 DCZJ2	889536	16.91	773728	21.14	802202	23.92
09 DCZJ3	938143	16.91	866290	21.14	902264	23.92
10 DCZJ4	948077	16.91	823416	21.14	863220	23.92
11 DCZJ5	924792	16.91	838698	21.14	889758	23.92
12 YE8F5	1.01492	16.91	846564	21.14	853658	23.92
13 SLCS160	1.16378	16.91	1.09878e+	21.14	1.0723e+0	23.92

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.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020070 Date Analyzed: Jan 22 2025 12:00AM

Lab File ID: BM049395.D Time Analyzed: 23:59

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	1.12469e+01	16.909	1.05077e+01	21.139	1.00625e+01	23.915
UPPER LIMIT	2249380	17.409	2101540	21.639	2012500	24.415
LOWER LIMIT	562345	16.409	525385	20.639	503125	23.415
EPA SAMPLE NO.						
01 SBLK160	1.39381	16.91	1.14382e+01	21.14	1.15784e+01	23.92
02 SBLK176	1.06644	16.91	840293	21.13	852395	23.92
03 DCZJ6	1.35263	16.91	1.52122e+01	21.15	1.52441e+01	23.93
04 DCZJ7	1.46961	16.91	1.20254e+01	21.14	1.20793e+01	23.92
05 DCZH3	1.57619	16.95	1.30512e+01	21.16	1.37186e+01	23.93
06 DCZH9	1.2446e+01	16.93	1.18605e+01	21.17	1.41886e+01	23.94
07 DCZH7	1.76712	16.93	1.61283e+01	21.15	1.69622e+01	23.92
08 DCZH8	1.44411	16.92	1.29702e+01	21.14	1.3254e+01	23.92
09 DCZH5	1.54059	16.93	1.45636e+01	21.15	1.50687e+01	23.92
10 DCZH4	1.77558	16.93	1.5347e+01	21.15	1.67363e+01	23.92
11 DCZH6	1.96934	16.93	1.57984e+01	21.15	1.68631e+01	23.92
12 DCZJ0	1.89124	16.91	1.57196e+01	21.14	1.53601e+01	23.92
13 SLCS176	1.64866	16.91	1.42361e+01	21.14	1.41315e+01	23.92

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB166156BS	1,4-Dioxane	16	9.7	ug/L	61				0	0	
	Benzaldehyde	40	3.2	ug/L	8				0	0	
	Pyridine	40	27	ug/L	68				0	0	
	Phenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0	
	2-Chlorophenol	40	29	ug/L	73				0	0	
	2-Methylphenol	40	28	ug/L	70				0	0	
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0	
	Acetophenone	40	26	ug/L	65				0	0	
	4-Methylphenol	40	28	ug/L	70				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	26	ug/L	65				0	0	
	Nitrobenzene	40	27	ug/L	68				0	0	
	Isophorone	40	26	ug/L	65				0	0	
	2-Nitrophenol	40	27	ug/L	68				0	0	
	2,4-Dimethylphenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	14	ug/L	35				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	22	ug/L	55				0	0	
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0	
	1-Methylnaphthalene	40	27	ug/L	68				0	0	
	2-Methylnaphthalene	40	27	ug/L	68				0	0	
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0	
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	28	ug/L	70				0	0	
	2-Chloronaphthalene	40	28	ug/L	70				0	0	
	2-Nitroaniline	40	29	ug/L	73				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	28	ug/L	70				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	24	ug/L	60				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	21	ug/L	52				0	0	
	4-Nitrophenol	40	24	ug/L	60				0	0	
	Dibenzofuran	40	28	ug/L	70				0	0	
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0	
	4-Nitroaniline	40	26	ug/L	65				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166156BS	4,6-Dinitro-2-methylphenol	40	25	ug/L	63				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	27	ug/L	68				0	0		
	Atrazine	40	24	ug/L	60				0	0		
	Pentachlorophenol	40	24	ug/L	60				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	28	ug/L	70				0	0		
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	Carbazole	40	26	ug/L	65				0	0		
	Di-n-butylphthalate	40	27	ug/L	68				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	26	ug/L	65				0	0		
	3,3'-Dichlorobenzidine	40	24	ug/L	60				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	28	ug/L	70				0	0		
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0		
	Di-n-octylphthalate	40	26	ug/L	65				0	0		
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0		
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166157BS	1,4-Dioxane	530	390	ug/Kg	74				0	0		
	Benzaldehyde	1300	720	ug/Kg	55				0	0		
	Pyridine	1300	980	ug/Kg	75				0	0		
	Phenol	1300	980	ug/Kg	75				0	0		
	Bis(2-chloroethyl)ether	1300	980	ug/Kg	75				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	930	ug/Kg	72				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	990	ug/Kg	76				0	0		
	4-Methylphenol	1300	940	ug/Kg	72				0	0		
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	970	ug/Kg	75				0	0		
	2-Nitrophenol	1300	980	ug/Kg	75				0	0		
	2,4-Dimethylphenol	1300	820	ug/Kg	63				0	0		
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	750	ug/Kg	58				0	0		
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0		
	Caprolactam	1300	860	ug/Kg	66				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	800	ug/Kg	62				0	0		
	2,4,6-Trichlorophenol	1300	910	ug/Kg	70				0	0		
	2,4,5-Trichlorophenol	1300	960	ug/Kg	74				0	0		
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	1100	ug/Kg	85				0	0		
	3-Nitroaniline	1300	960	ug/Kg	74				0	0		
	Acenaphthene	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	1300	790	ug/Kg	61				0	0		
	4-Nitrophenol	1300	950	ug/Kg	73				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166157BS	4,6-Dinitro-2-methylphenol	1300	960	ug/Kg	74				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	310	ug/Kg	24				0	0		
	Pentachlorophenol	1300	740	ug/Kg	57				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	950	ug/Kg	73				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	990	ug/Kg	76				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	960	ug/Kg	74				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	870	ug/Kg	67				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166160BS	1,4-Dioxane	530	270	ug/Kg	51				0	0		
	Benzaldehyde	1300	170	ug/Kg	13				0	0		
	Pyridine	1300	700	ug/Kg	54				0	0		
	Phenol	1300	690	ug/Kg	53				0	0		
	Bis(2-chloroethyl)ether	1300	660	ug/Kg	51				0	0		
	2-Chlorophenol	1300	700	ug/Kg	54				0	0		
	2-Methylphenol	1300	650	ug/Kg	50				0	0		
	2,2-oxybis(1-Chloropropane)	1300	700	ug/Kg	54				0	0		
	Acetophenone	1300	630	ug/Kg	48				0	0		
	4-Methylphenol	1300	640	ug/Kg	49				0	0		
	N-Nitroso-di-n-propylamine	1300	650	ug/Kg	50				0	0		
	Hexachloroethane	1300	680	ug/Kg	52				0	0		
	Nitrobenzene	1300	710	ug/Kg	55				0	0		
	Isophorone	1300	640	ug/Kg	49				0	0		
	2-Nitrophenol	1300	650	ug/Kg	50				0	0		
	2,4-Dimethylphenol	1300	670	ug/Kg	52				0	0		
	Bis(2-chloroethoxy)methane	1300	660	ug/Kg	51				0	0		
	2,4-Dichlorophenol	1300	700	ug/Kg	54				0	0		
	Naphthalene	1300	680	ug/Kg	52				0	0		
	4-Chloroaniline	1300	350	ug/Kg	27				0	0		
	Hexachlorobutadiene	1300	700	ug/Kg	54				0	0		
	Caprolactam	1300	520	ug/Kg	40				0	0		
	4-Chloro-3-methylphenol	1300	630	ug/Kg	48				0	0		
	1-Methylnaphthalene	1300	660	ug/Kg	51				0	0		
	2-Methylnaphthalene	1300	660	ug/Kg	51				0	0		
	Hexachlorocyclopentadiene	1300	570	ug/Kg	44				0	0		
	2,4,6-Trichlorophenol	1300	680	ug/Kg	52				0	0		
	2,4,5-Trichlorophenol	1300	690	ug/Kg	53				0	0		
	1,1'-Biphenyl	1300	690	ug/Kg	53				0	0		
	2-Chloronaphthalene	1300	700	ug/Kg	54				0	0		
	2-Nitroaniline	1300	680	ug/Kg	52				0	0		
	Dimethylphthalate	1300	660	ug/Kg	51				0	0		
	2,6-Dinitrotoluene	1300	660	ug/Kg	51				0	0		
	Acenaphthylene	1300	680	ug/Kg	52				0	0		
	3-Nitroaniline	1300	580	ug/Kg	45				0	0		
	Acenaphthene	1300	690	ug/Kg	53				0	0		
	2,4-Dinitrophenol	1300	460	ug/Kg	35				0	0		
	4-Nitrophenol	1300	580	ug/Kg	45				0	0		
	Dibenzofuran	1300	690	ug/Kg	53				0	0		
	2,4-Dinitrotoluene	1300	650	ug/Kg	50				0	0		
	Diethylphthalate	1300	650	ug/Kg	50				0	0		
	Fluorene	1300	700	ug/Kg	54				0	0		
	4-Chlorophenyl-phenylether	1300	690	ug/Kg	53				0	0		
	4-Nitroaniline	1300	660	ug/Kg	51				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166160BS	4,6-Dinitro-2-methylphenol	1300	580	ug/Kg	45				0	0		
	N-Nitrosodiphenylamine	1300	690	ug/Kg	53				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	690	ug/Kg	53				0	0		
	4-Bromophenyl-phenylether	1300	680	ug/Kg	52				0	0		
	Hexachlorobenzene	1300	660	ug/Kg	51				0	0		
	Atrazine	1300	580	ug/Kg	45				0	0		
	Pentachlorophenol	1300	580	ug/Kg	45				0	0		
	Phenanthrene	1300	680	ug/Kg	52				0	0		
	Pentachlorobenzene	1300	670	ug/Kg	52				0	0		
	Anthracene	1300	690	ug/Kg	53				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	710	ug/Kg	55				0	0		
	Carbazole	1300	640	ug/Kg	49				0	0		
	Di-n-butylphthalate	1300	640	ug/Kg	49				0	0		
	Fluoranthene	1300	650	ug/Kg	50				0	0		
	Pyrene	1300	650	ug/Kg	50				0	0		
	Butylbenzylphthalate	1300	610	ug/Kg	47				0	0		
	3,3'-Dichlorobenzidine	1300	590	ug/Kg	45				0	0		
	Benzo(a)anthracene	1300	680	ug/Kg	52				0	0		
	Chrysene	1300	690	ug/Kg	53				0	0		
	Bis(2-ethylhexyl)phthalate	1300	620	ug/Kg	48				0	0		
	Di-n-octylphthalate	1300	540	ug/Kg	42				0	0		
	Benzo(b)fluoranthene	1300	650	ug/Kg	50				0	0		
	Benzo(k)fluoranthene	1300	680	ug/Kg	52				0	0		
	Benzo(a)pyrene	1300	680	ug/Kg	52				0	0		
	Indeno(1,2,3-cd)pyrene	1300	740	ug/Kg	57				0	0		
	Dibenzo(a,h)anthracene	1300	750	ug/Kg	58				0	0		
	Benzo(g,h,i)perylene	1300	770	ug/Kg	59				0	0		
	2,3,4,6-Tetrachlorophenol	1300	640	ug/Kg	49				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB166161BS	1,4-Dioxane	16	14	ug/L	88				0	0	
	Benzaldehyde	40	4	ug/L	10				0	0	
	Pyridine	40	36	ug/L	90				0	0	
	Phenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethyl)ether	40	34	ug/L	85				0	0	
	2-Chlorophenol	40	36	ug/L	90				0	0	
	2-Methylphenol	40	34	ug/L	85				0	0	
	2,2-oxybis(1-Chloropropane)	40	36	ug/L	90				0	0	
	Acetophenone	40	33	ug/L	83				0	0	
	4-Methylphenol	40	33	ug/L	83				0	0	
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0	
	Hexachloroethane	40	35	ug/L	88				0	0	
	Nitrobenzene	40	36	ug/L	90				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethoxy)methane	40	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	36	ug/L	90				0	0	
	Naphthalene	40	35	ug/L	88				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	35	ug/L	88				0	0	
	Caprolactam	40	26	ug/L	65				0	0	
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0	
	1-Methylnaphthalene	40	34	ug/L	85				0	0	
	2-Methylnaphthalene	40	34	ug/L	85				0	0	
	Hexachlorocyclopentadiene	40	33	ug/L	83				0	0	
	2,4,6-Trichlorophenol	40	36	ug/L	90				0	0	
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0	
	1,1'-Biphenyl	40	37	ug/L	93				0	0	
	2-Chloronaphthalene	40	37	ug/L	93				0	0	
	2-Nitroaniline	40	37	ug/L	93				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0	
	Acenaphthylene	40	36	ug/L	90				0	0	
	3-Nitroaniline	40	30	ug/L	75				0	0	
	Acenaphthene	40	36	ug/L	90				0	0	
	2,4-Dinitrophenol	40	26	ug/L	65				0	0	
	4-Nitrophenol	40	32	ug/L	80				0	0	
	Dibenzofuran	40	36	ug/L	90				0	0	
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0	
	Diethylphthalate	40	35	ug/L	88				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	36	ug/L	90				0	0	
	4-Nitroaniline	40	34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166161BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0	
	N-Nitrosodiphenylamine	40	37	ug/L	93				0	0	
	1,2,4,5-Tetrachlorobenzene	40	37	ug/L	93				0	0	
	4-Bromophenyl-phenylether	40	36	ug/L	90				0	0	
	Hexachlorobenzene	40	35	ug/L	88				0	0	
	Atrazine	40	30	ug/L	75				0	0	
	Pentachlorophenol	40	31	ug/L	78				0	0	
	Phenanthrene	40	36	ug/L	90				0	0	
	Pentachlorobenzene	40	36	ug/L	90				0	0	
	Anthracene	40	37	ug/L	93				0	0	
	1,2,3,4-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	34	ug/L	85				0	0	
	Fluoranthene	40	35	ug/L	88				0	0	
	Pyrene	40	35	ug/L	88				0	0	
	Butylbenzylphthalate	40	33	ug/L	83				0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0	
	Benzo(a)anthracene	40	36	ug/L	90				0	0	
	Chrysene	40	37	ug/L	93				0	0	
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0	
	Di-n-octylphthalate	40	31	ug/L	78				0	0	
	Benzo(b)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(a)pyrene	40	37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	40	40	ug/L	100				0	0	
	Dibenzo(a,h)anthracene	40	40	ug/L	100				0	0	
	Benzo(g,h,i)perylene	40	41	ug/L	103				0	0	
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166176BS	1,4-Dioxane	530	350	ug/Kg	66				0	0		
	Benzaldehyde	1300	710	ug/Kg	55				0	0		
	Pyridine	1300	880	ug/Kg	68				0	0		
	Phenol	1300	940	ug/Kg	72				0	0		
	Bis(2-chloroethyl)ether	1300	930	ug/Kg	72				0	0		
	2-Chlorophenol	1300	980	ug/Kg	75				0	0		
	2-Methylphenol	1300	930	ug/Kg	72				0	0		
	2,2-oxybis(1-Chloropropane)	1300	950	ug/Kg	73				0	0		
	Acetophenone	1300	900	ug/Kg	69				0	0		
	4-Methylphenol	1300	920	ug/Kg	71				0	0		
	N-Nitroso-di-n-propylamine	1300	900	ug/Kg	69				0	0		
	Hexachloroethane	1300	930	ug/Kg	72				0	0		
	Nitrobenzene	1300	980	ug/Kg	75				0	0		
	Isophorone	1300	950	ug/Kg	73				0	0		
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	2,4-Dimethylphenol	1300	790	ug/Kg	61				0	0		
	Bis(2-chloroethoxy)methane	1300	960	ug/Kg	74				0	0		
	2,4-Dichlorophenol	1300	950	ug/Kg	73				0	0		
	Naphthalene	1300	960	ug/Kg	74				0	0		
	4-Chloroaniline	1300	720	ug/Kg	55				0	0		
	Hexachlorobutadiene	1300	950	ug/Kg	73				0	0		
	Caprolactam	1300	880	ug/Kg	68				0	0		
	4-Chloro-3-methylphenol	1300	950	ug/Kg	73				0	0		
	1-Methylnaphthalene	1300	920	ug/Kg	71				0	0		
	2-Methylnaphthalene	1300	930	ug/Kg	72				0	0		
	Hexachlorocyclopentadiene	1300	630	ug/Kg	48				0	0		
	2,4,6-Trichlorophenol	1300	960	ug/Kg	74				0	0		
	2,4,5-Trichlorophenol	1300	980	ug/Kg	75				0	0		
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	970	ug/Kg	75				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	1000	ug/Kg	77				0	0		
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Acenaphthene	1300	970	ug/Kg	75				0	0		
	2,4-Dinitrophenol	1300	530	ug/Kg	41				0	0		
	4-Nitrophenol	1300	850	ug/Kg	65				0	0		
	Dibenzofuran	1300	960	ug/Kg	74				0	0		
	2,4-Dinitrotoluene	1300	990	ug/Kg	76				0	0		
	Diethylphthalate	1300	940	ug/Kg	72				0	0		
	Fluorene	1300	960	ug/Kg	74				0	0		
	4-Chlorophenyl-phenylether	1300	950	ug/Kg	73				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166176BS	4,6-Dinitro-2-methylphenol	1300	690	ug/Kg	53				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	310	ug/Kg	24				0	0		
	Pentachlorophenol	1300	640	ug/Kg	49				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Anthracene	1300	990	ug/Kg	76				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	970	ug/Kg	75				0	0		
	Di-n-butylphthalate	1300	990	ug/Kg	76				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	920	ug/Kg	71				0	0		
	Benzo(b)fluoranthene	1300	980	ug/Kg	75				0	0		
	Benzo(k)fluoranthene	1300	990	ug/Kg	76				0	0		
	Benzo(a)pyrene	1300	980	ug/Kg	75				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	810	ug/Kg	62				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK156

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012225

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049369.D

Lab Sample ID: PB166156BL

Instrument ID: BNA_M

Date Extracted: 01/21/2025

Matrix: (soil/water) water

Date Analyzed: 01/21/2025

Level: (low/med) LOW

Time Analyzed: 17:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
JNLA7	Q1130-01	BM049371.D	01/21/2025
PB166156BS	PB166156BS	BM049375.D	01/21/2025
PB166133TB	PB166133TB	BM049377.D	01/21/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK157

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012225

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049368.D

Lab Sample ID: PB166157BL

Instrument ID: BNA_M

Date Extracted: 01/21/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/21/2025

Level: (low/med) LOW

Time Analyzed: 17:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166157BS	PB166157BS	BM049374.D	01/21/2025
JNLA7	Q1131-01	BM049370.D	01/21/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK160

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012225

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049382.D

Lab Sample ID: PB166160BL

Instrument ID: BNA_M

Date Extracted: 01/21/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/22/2025

Level: (low/med) LOW

Time Analyzed: 14:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166160BS	PB166160BS	BM049394.D	01/22/2025
DCZJ6	Q1139-19	BM049398.D	01/23/2025
DCZJ7	Q1139-20	BM049399.D	01/23/2025
DCZH3	Q1139-06	BM049400.D	01/23/2025
DCZH9	Q1139-12	BM049401.D	01/23/2025
DCZH7	Q1139-10	BM049402.D	01/23/2025
DCZH8	Q1139-11	BM049403.D	01/23/2025
DCZH5	Q1139-08	BM049404.D	01/23/2025
DCZH4	Q1139-07	BM049405.D	01/23/2025
DCZH6	Q1139-09	BM049406.D	01/23/2025
DCZJ0	Q1139-13	BM049407.D	01/23/2025
DCZH0	Q1139-01	BM049383.D	01/22/2025
DCZH1	Q1139-02	BM049384.D	01/22/2025
DCZH2	Q1139-03	BM049385.D	01/22/2025
DCZH2MS	Q1139-04MS	BM049386.D	01/22/2025
DCZH2MSD	Q1139-05MSD	BM049387.D	01/22/2025
DCZJ1	Q1139-14	BM049388.D	01/22/2025
DCZJ2	Q1139-15	BM049389.D	01/22/2025
DCZJ3	Q1139-16	BM049390.D	01/22/2025
DCZJ4	Q1139-17	BM049391.D	01/22/2025
DCZJ5	Q1139-18	BM049392.D	01/22/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK161

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012225

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049378.D

Lab Sample ID: PB166161BL

Instrument ID: BNA_M

Date Extracted: 01/21/2025

Matrix: (soil/water) Water

Date Analyzed: 01/21/2025

Level: (low/med) LOW

Time Analyzed: 23:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCZJ8	Q1139-21	BM049372.D	01/21/2025
DCZJ9	Q1139-22	BM049373.D	01/21/2025
PB166161BS	PB166161BS	BM049376.D	01/21/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK176

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012225

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049397.D

Lab Sample ID: PB166176BL

Instrument ID: BNA_M

Date Extracted: 01/22/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/23/2025

Level: (low/med) LOW

Time Analyzed: 00:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166176BS	PB166176BS	BM049408.D	01/23/2025
YE8F5	Q1108-01	BM049393.D	01/22/2025

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1139-04MS	Client Sample ID:	DCZH2MS					DataFile:	BM049386.D		
1,4-Dioxane	670		540	ug/Kg	81				15	120	
Benzaldehyde	1700		160	ug/Kg	9				0	0	
Pyridine	1700		1400	ug/Kg	82				0	0	
Phenol	1700		1400	ug/Kg	82				26	90	
Bis(2-chloroethyl)ether	1700		1300	ug/Kg	76				0	0	
2-Chlorophenol	1700		1400	ug/Kg	82				25	102	
2-Methylphenol	1700		1300	ug/Kg	76				0	0	
2,2-oxybis(1-Chloropropane)	1700		1500	ug/Kg	88				0	0	
Acetophenone	1700		1300	ug/Kg	76				0	0	
4-Methylphenol	1700		1300	ug/Kg	76				0	0	
N-Nitroso-di-n-propylamine	1700		1400	ug/Kg	82				41	126	
Hexachloroethane	1700		1400	ug/Kg	82				0	0	
Nitrobenzene	1700		1400	ug/Kg	82				0	0	
Isophorone	1700		1400	ug/Kg	82				0	0	
2-Nitrophenol	1700		1400	ug/Kg	82				0	0	
2,4-Dimethylphenol	1700		1400	ug/Kg	82				0	0	
Bis(2-chloroethoxy)methane	1700		1400	ug/Kg	82				0	0	
2,4-Dichlorophenol	1700		1400	ug/Kg	82				0	0	
Naphthalene	1700		1400	ug/Kg	82				0	0	
4-Chloroaniline	1700		650	ug/Kg	38				0	0	
Hexachlorobutadiene	1700		1400	ug/Kg	82				0	0	
Caprolactam	1700		1100	ug/Kg	65				0	0	
4-Chloro-3-methylphenol	1700		1300	ug/Kg	76				26	103	
1-Methylnaphthalene	1700		1400	ug/Kg	82				0	0	
2-Methylnaphthalene	1700		1400	ug/Kg	82				0	0	
Hexachlorocyclopentadiene	1700		1200	ug/Kg	71				0	0	
2,4,6-Trichlorophenol	1700		1500	ug/Kg	88				0	0	
2,4,5-Trichlorophenol	1700		1400	ug/Kg	82				0	0	
1,1'-Biphenyl	1700		1500	ug/Kg	88				0	0	
2-Chloronaphthalene	1700		1500	ug/Kg	88				0	0	
2-Nitroaniline	1700		1500	ug/Kg	88				0	0	
Dimethylphthalate	1700		1400	ug/Kg	82				0	0	
2,6-Dinitrotoluene	1700		1400	ug/Kg	82				0	0	
Acenaphthylene	1700		1400	ug/Kg	82				0	0	
3-Nitroaniline	1700		1200	ug/Kg	71				0	0	
Acenaphthene	1700		1400	ug/Kg	82				31	137	
2,4-Dinitrophenol	1700		1100	ug/Kg	65				0	0	
4-Nitrophenol	1700		1200	ug/Kg	71				11	114	
Dibenzofuran	1700		1400	ug/Kg	82				0	0	
2,4-Dinitrotoluene	1700		1400	ug/Kg	82				28	89	
Diethylphthalate	1700		1300	ug/Kg	76				0	0	
Fluorene	1700		1400	ug/Kg	82				0	0	
4-Chlorophenyl-phenylether	1700		1400	ug/Kg	82				0	0	
4-Nitroaniline	1700		1400	ug/Kg	82				0	0	
4,6-Dinitro-2-methylphenol	1700		1300	ug/Kg	76				0	0	
N-Nitrosodiphenylamine	1700		1500	ug/Kg	88				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1139-05MSD	Client Sample ID:	DCZH2MSD					DataFile:	BM049387.D		
1,4-Dioxane	660		520	ug/Kg	79		3		15	120	50
Benzaldehyde	1700		160	ug/Kg	9		0		0	0	0
Pyridine	1700		1400	ug/Kg	82		0		0	0	0
Phenol	1700		1300	ug/Kg	76		8		26	90	35
Bis(2-chloroethyl)ether	1700		1300	ug/Kg	76		0		0	0	0
2-Chlorophenol	1700		1300	ug/Kg	76		8		25	102	50
2-Methylphenol	1700		1200	ug/Kg	71		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		1300	ug/Kg	76		15	*	0	0	0
Acetophenone	1700		1200	ug/Kg	71		7	*	0	0	0
4-Methylphenol	1700		1200	ug/Kg	71		7	*	0	0	0
N-Nitroso-di-n-propylamine	1700		1300	ug/Kg	76		8		41	126	38
Hexachloroethane	1700		1300	ug/Kg	76		8	*	0	0	0
Nitrobenzene	1700		1400	ug/Kg	82		0		0	0	0
Isophorone	1700		1300	ug/Kg	76		8	*	0	0	0
2-Nitrophenol	1700		1300	ug/Kg	76		8	*	0	0	0
2,4-Dimethylphenol	1700		1300	ug/Kg	76		8	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1300	ug/Kg	76		8	*	0	0	0
2,4-Dichlorophenol	1700		1300	ug/Kg	76		8	*	0	0	0
Naphthalene	1700		1300	ug/Kg	76		8	*	0	0	0
4-Chloroaniline	1700		620	ug/Kg	36		5	*	0	0	0
Hexachlorobutadiene	1700		1400	ug/Kg	82		0		0	0	0
Caprolactam	1700		1100	ug/Kg	65		0		0	0	0
4-Chloro-3-methylphenol	1700		1300	ug/Kg	76		0		26	103	33
1-Methylnaphthalene	1700		1300	ug/Kg	76		8	*	0	0	0
2-Methylnaphthalene	1700		1300	ug/Kg	76		8	*	0	0	0
Hexachlorocyclopentadiene	1700		1200	ug/Kg	71		0		0	0	0
2,4,6-Trichlorophenol	1700		1400	ug/Kg	82		7	*	0	0	0
2,4,5-Trichlorophenol	1700		1400	ug/Kg	82		0		0	0	0
1,1'-Biphenyl	1700		1400	ug/Kg	82		7	*	0	0	0
2-Chloronaphthalene	1700		1400	ug/Kg	82		7	*	0	0	0
2-Nitroaniline	1700		1400	ug/Kg	82		7	*	0	0	0
Dimethylphthalate	1700		1300	ug/Kg	76		8	*	0	0	0
2,6-Dinitrotoluene	1700		1400	ug/Kg	82		0		0	0	0
Acenaphthylene	1700		1400	ug/Kg	82		0		0	0	0
3-Nitroaniline	1700		1200	ug/Kg	71		0		0	0	0
Acenaphthene	1700		1400	ug/Kg	82		0		31	137	19
2,4-Dinitrophenol	1700		1100	ug/Kg	65		0		0	0	0
4-Nitrophenol	1700		1200	ug/Kg	71		0		11	114	50
Dibenzofuran	1700		1400	ug/Kg	82		0		0	0	0
2,4-Dinitrotoluene	1700		1300	ug/Kg	76		8		28	89	47
Diethylphthalate	1700		1300	ug/Kg	76		0		0	0	0
Fluorene	1700		1400	ug/Kg	82		0		0	0	0
4-Chlorophenyl-phenylether	1700		1400	ug/Kg	82		0		0	0	0
4-Nitroaniline	1700		1400	ug/Kg	82		0		0	0	0
4,6-Dinitro-2-methylphenol	1700		1300	ug/Kg	76		0		0	0	0
N-Nitrosodiphenylamine	1700		1400	ug/Kg	82		7	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

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

Surrogate Summary

SW-846

SDG No.: **BM012225**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166133TB	PB166133TB	BM049377.D	1,4-Dioxane-d8	80	67.63	84		15	120
			Pyridine-d5	400	314.98	78		20	120
			Phenol-d5	400	298.38	74		10	130
			Bis(2-Chloroethyl)ether-d8	400	304.74	76		25	120
			2-Chlorophenol-d4	400	316.87	79		20	130
			4-Methylphenol-d8	400	284.74	71		25	125
			Nitrobenzene-d5	400	304.59	76		20	125
			2-Nitrophenol-d4	400	295.32	73		20	130
			2,4-Dichlorophenol-d3	400	285.15	71		20	120
			4-Chloroaniline-d4	400	255.67	63		1	146
			Dimethylphthalate-d6	400	311.71	77		25	130
			Acenaphthylene-d8	400	318.47	79		10	130
			4-Nitrophenol-d4	400	146.77	36		10	150
			Fluorene-d10	400	315.17	78		25	125
			4,6-Dinitro-2-methylphenol-d2	400	183.96	46		10	130
			Anthracene-d10	400	326.83	81		25	130
			Pyrene-d10	400	362.43	90		15	130
			Benzo(a)pyrene-d12	400	325.17	81		20	130
PB166156BL	PB166156BL	BM049369.D	1,4-Dioxane-d8	8	6.90	86		15	120
			Pyridine-d5	40	32.04	80		20	120
			Phenol-d5	40	29.19	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.83	77		25	120
			2-Chlorophenol-d4	40	30.79	77		20	130
			4-Methylphenol-d8	40	27.15	68		25	125
			Nitrobenzene-d5	40	30.65	77		20	125
			2-Nitrophenol-d4	40	28.71	72		20	130
			2,4-Dichlorophenol-d3	40	27.63	69		20	120
			4-Chloroaniline-d4	40	25.51	64		1	146
			Dimethylphthalate-d6	40	30.55	76		25	130
			Acenaphthylene-d8	40	32.49	81		10	130
			4-Nitrophenol-d4	40	14.87	37		10	150
			Fluorene-d10	40	32.37	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.16	45		10	130
			Anthracene-d10	40	33.22	83		25	130
			Pyrene-d10	40	34.73	87		15	130
			Benzo(a)pyrene-d12	40	32.06	80		20	130
PB166156BS	PB166156BS	BM049375.D	1,4-Dioxane-d8	8	5.08	63		15	120
			Pyridine-d5	40	26.84	67		20	120
			Phenol-d5	40	28.80	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.57	66		25	120
			2-Chlorophenol-d4	40	29.46	74		20	130
			4-Methylphenol-d8	40	27.76	69		25	125
			Nitrobenzene-d5	40	26.46	66		20	125
			2-Nitrophenol-d4	40	26.27	66		20	130
			2,4-Dichlorophenol-d3	40	29.03	73		20	120
			4-Chloroaniline-d4	40	22.85	57		1	146
			Dimethylphthalate-d6	40	27.44	69		25	130
			Acenaphthylene-d8	40	27.89	70		10	130
			4-Nitrophenol-d4	40	23.81	60		10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166156BS	PB166156BS	BM049375.D	Fluorene-d10	40	27.52	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.26	63		10	130
			Anthracene-d10	40	28.09	70		25	130
			Pyrene-d10	40	27.44	69		15	130
			Benzo(a)pyrene-d12	40	28.85	72		20	130
Q1130-01	JNLA7	BM049371.D	1,4-Dioxane-d8	80	33.88	42		15	120
			Pyridine-d5	400	122.78	30		20	120
			Phenol-d5	400	83.33	20		10	130
			Bis(2-Chloroethyl)ether-d8	400	366.94	91		25	120
			2-Chlorophenol-d4	400	303.21	75		20	130
			4-Methylphenol-d8	400	186.57	46		25	125
			Nitrobenzene-d5	400	363.98	91		20	125
			2-Nitrophenol-d4	400	336.73	84		20	130
			2,4-Dichlorophenol-d3	400	312.17	78		20	120
			4-Chloroaniline-d4	400	267.93	67		1	146
			Dimethylphthalate-d6	400	371.74	92		25	130
			Acenaphthylene-d8	400	379.00	94		10	130
			4-Nitrophenol-d4	400	35.79	8	*	10	150
			Fluorene-d10	400	396.30	99		25	125
			4,6-Dinitro-2-methylphenol-d2	400	246.63	61		10	130
			Anthracene-d10	400	406.20	101		25	130
			Pyrene-d10	400	451.30	112		15	130
			Benzo(a)pyrene-d12	400	392.38	98		20	130

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166157BL	PB166157BL	BM049368.D	Pyridine-d5	40	27.82	70		20	120
			1,4-Dioxane-d8	8	6.11	76		15	120
			Phenol-d5	40	27.58	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.66	74		10	150
			2-Chlorophenol-d4	40	29.07	73		15	120
			4-Methylphenol-d8	40	26.03	65		10	140
			Nitrobenzene-d5	40	30.43	76		10	135
			2-Nitrophenol-d4	40	28.49	71		10	120
			2,4-Dichlorophenol-d3	40	26.60	66		10	140
			4-Chloroaniline-d4	40	24.77	62		1	145
			Dimethylphthalate-d6	40	31.38	78		10	145
			Acenaphthylene-d8	40	31.45	79		15	120
			4-Nitrophenol-d4	40	17.11	43		10	150
			Fluorene-d10	40	32.01	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.42	54		10	130
			Anthracene-d10	40	33.21	83		10	150
			Pyrene-d10	40	37.09	93		10	130
			Benzo(a)pyrene-d12	40	32.76	82		10	140
PB166157BS	PB166157BS	BM049374.D	Pyridine-d5	40	29.38	73		20	120
			1,4-Dioxane-d8	8	6.40	80		15	120
			Phenol-d5	40	29.92	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.97	77		10	150
			2-Chlorophenol-d4	40	30.63	77		15	120
			4-Methylphenol-d8	40	28.67	72		10	140
			Nitrobenzene-d5	40	30.75	77		10	135
			2-Nitrophenol-d4	40	29.58	74		10	120
			2,4-Dichlorophenol-d3	40	31.32	78		10	140
			4-Chloroaniline-d4	40	26.55	66		1	145
			Dimethylphthalate-d6	40	31.07	78		10	145
			Acenaphthylene-d8	40	31.88	80		15	120
			4-Nitrophenol-d4	40	28.72	72		10	150
			Fluorene-d10	40	33.49	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.80	72		10	130
			Anthracene-d10	40	32.71	82		10	150
			Pyrene-d10	40	32.11	80		10	130
			Benzo(a)pyrene-d12	40	33.36	83		10	140
Q1131-01	JNLA7	BM049370.D	1,4-Dioxane-d8	8	4.72	59		15	120
			Pyridine-d5	40	20.17	50		20	120
			Phenol-d5	40	20.49	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.25	58		10	150
			2-Chlorophenol-d4	40	21.70	54		15	120
			4-Methylphenol-d8	40	19.16	48		10	140
			Nitrobenzene-d5	40	21.91	55		10	135
			2-Nitrophenol-d4	40	19.91	50		10	120
			2,4-Dichlorophenol-d3	40	19.67	49		10	140
			4-Chloroaniline-d4	40	17.83	45		1	145
			Dimethylphthalate-d6	40	22.65	57		10	145
			Acenaphthylene-d8	40	22.91	57		15	120
			4-Nitrophenol-d4	40	9.93	25		10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1131-01	JNLA7	BM049370.D	Fluorene-d10	40	22.60	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.58	24		10	130
			Anthracene-d10	40	22.47	56		10	150
			Pyrene-d10	40	22.27	56		10	130
			Benzo(a)pyrene-d12	40	19.87	50		10	140

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166160BL	PB166160BL	BM049382.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	21.88	55		20	120
		BM049396.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Pyridine-d5	40	22.10	55		20	120
			Phenol-d5	40	21.42	54		10	130
		BM049382.D	Phenol-d5	40	20.70	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.47	54		10	150
		BM049396.D	Bis(2-Chloroethyl)ether-d8	40	21.44	54		10	150
			2-Chlorophenol-d4	40	22.25	56		15	120
		BM049382.D	2-Chlorophenol-d4	40	21.67	54		15	120
			4-Methylphenol-d8	40	19.40	48		10	140
		BM049396.D	4-Methylphenol-d8	40	20.06	50		10	140
			Nitrobenzene-d5	40	21.40	54		10	135
		BM049382.D	Nitrobenzene-d5	40	20.88	52		10	135
			2-Nitrophenol-d4	40	19.23	48		10	120
		BM049396.D	2-Nitrophenol-d4	40	20.64	52		10	120
			2,4-Dichlorophenol-d3	40	20.19	50		10	140
		BM049382.D	2,4-Dichlorophenol-d3	40	19.27	48		10	140
			4-Chloroaniline-d4	40	17.72	44		1	145
		BM049396.D	4-Chloroaniline-d4	40	18.16	45		1	145
			Dimethylphthalate-d6	40	21.17	53		10	145
		BM049382.D	Dimethylphthalate-d6	40	21.17	53		10	145
			Acenaphthylene-d8	40	21.57	54		15	120
		BM049396.D	Acenaphthylene-d8	40	21.84	55		15	120
			4-Nitrophenol-d4	40	11.44	29		10	150
		BM049382.D	4-Nitrophenol-d4	40	9.36	23		10	150
			Fluorene-d10	40	21.77	54		20	140
		BM049396.D	Fluorene-d10	40	21.81	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.79	29		10	130
		BM049382.D	4,6-Dinitro-2-methylphenol-d2	40	11.50	29		10	130
			Anthracene-d10	40	21.89	55		10	150
		BM049396.D	Anthracene-d10	40	22.16	55		10	150
			Pyrene-d10	40	24.23	61		10	130
		BM049382.D	Pyrene-d10	40	23.54	59		10	130
			Benzo(a)pyrene-d12	40	21.59	54		10	140
		BM049396.D	Benzo(a)pyrene-d12	40	21.57	54		10	140
PB166160BS	PB166160BS	BM049394.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Pyridine-d5	40	20.44	51		20	120
			Phenol-d5	40	20.32	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.96	50		10	150
			2-Chlorophenol-d4	40	20.77	52		15	120
			4-Methylphenol-d8	40	18.80	47		10	140
			Nitrobenzene-d5	40	19.66	49		10	135
			2-Nitrophenol-d4	40	19.26	48		10	120
			2,4-Dichlorophenol-d3	40	20.70	52		10	140
			4-Chloroaniline-d4	40	16.13	40		1	145
			Dimethylphthalate-d6	40	19.20	48		10	145
			Acenaphthylene-d8	40	20.24	51		15	120
			4-Nitrophenol-d4	40	16.57	41		10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166160BS	PB166160BS	BM049394.D	Fluorene-d10	40	20.10	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.72	42		10	130
			Anthracene-d10	40	20.20	51		10	150
			Pyrene-d10	40	19.07	48		10	130
Q1139-01	DCZH0	BM049383.D	Benzo(a)pyrene-d12	40	20.12	50		10	140
			1,4-Dioxane-d8	8	3.01	38		15	120
			Pyridine-d5	40	14.29	36		20	120
			Phenol-d5	40	14.35	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.20	41		10	150
			2-Chlorophenol-d4	40	15.04	38		15	120
			4-Methylphenol-d8	40	13.72	34		10	140
			Nitrobenzene-d5	40	15.37	38		10	135
			2-Nitrophenol-d4	40	15.29	38		10	120
			2,4-Dichlorophenol-d3	40	14.40	36		10	140
			4-Chloroaniline-d4	40	12.21	31		1	145
			Dimethylphthalate-d6	40	16.62	42		10	145
			Acenaphthylene-d8	40	15.59	39		15	120
			4-Nitrophenol-d4	40	7.63	19		10	150
			Fluorene-d10	40	16.65	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.38	21		10	130
			Anthracene-d10	40	17.31	43		10	150
			Pyrene-d10	40	16.67	42		10	130
			Benzo(a)pyrene-d12	40	15.88	40		10	140
Q1139-02	DCZH1	BM049384.D	1,4-Dioxane-d8	8	3.48	44		15	120
			Pyridine-d5	40	16.47	41		20	120
			Phenol-d5	40	16.64	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.31	46		10	150
			2-Chlorophenol-d4	40	17.66	44		15	120
			4-Methylphenol-d8	40	16.05	40		10	140
			Nitrobenzene-d5	40	17.44	44		10	135
			2-Nitrophenol-d4	40	17.57	44		10	120
			2,4-Dichlorophenol-d3	40	16.71	42		10	140
			4-Chloroaniline-d4	40	14.11	35		1	145
			Dimethylphthalate-d6	40	19.06	48		10	145
			Acenaphthylene-d8	40	17.24	43		15	120
			4-Nitrophenol-d4	40	9.14	23		10	150
			Fluorene-d10	40	17.64	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.33	23		10	130
			Anthracene-d10	40	18.59	46		10	150
			Pyrene-d10	40	17.29	43		10	130
			Benzo(a)pyrene-d12	40	16.68	42		10	140
Q1139-03	DCZH2	BM049385.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Pyridine-d5	40	18.82	47		20	120
			Phenol-d5	40	20.75	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.69	57		10	150
			2-Chlorophenol-d4	40	21.81	55		15	120
			4-Methylphenol-d8	40	20.17	50		10	140
			Nitrobenzene-d5	40	22.48	56		10	135
			2-Nitrophenol-d4	40	21.50	54		10	120

Surrogate Summary

SW-846

SDG No.: **BM012225**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-03	DCZH2	BM049385.D	2,4-Dichlorophenol-d3	40	20.43	51		10	140
			4-Chloroaniline-d4	40	18.34	46		1	145
			Dimethylphthalate-d6	40	23.64	59		10	145
			Acenaphthylene-d8	40	23.70	59		15	120
			4-Nitrophenol-d4	40	11.49	29		10	150
			Fluorene-d10	40	23.23	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.60	36		10	130
			Anthracene-d10	40	23.76	59		10	150
			Pyrene-d10	40	25.31	63		10	130
			Benzo(a)pyrene-d12	40	22.62	57		10	140
Q1139-04MS	DCZH2MS	BM049386.D	1,4-Dioxane-d8	8	4.44	56		15	120
			Pyridine-d5	40	20.38	51		20	120
			Phenol-d5	40	23.36	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.15	60		10	150
			2-Chlorophenol-d4	40	24.05	60		15	120
			4-Methylphenol-d8	40	22.45	56		10	140
			Nitrobenzene-d5	40	24.29	61		10	135
			2-Nitrophenol-d4	40	23.72	59		10	120
			2,4-Dichlorophenol-d3	40	25.16	63		10	140
			4-Chloroaniline-d4	40	19.90	50		1	145
			Dimethylphthalate-d6	40	24.25	61		10	145
			Acenaphthylene-d8	40	24.89	62		15	120
			4-Nitrophenol-d4	40	20.94	52		10	150
			Fluorene-d10	40	24.21	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.11	55		10	130
			Anthracene-d10	40	24.50	61		10	150
			Pyrene-d10	40	23.81	60		10	130
			Benzo(a)pyrene-d12	40	23.75	59		10	140
Q1139-05MSD	DCZH2MSD	BM049387.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	19.92	50		20	120
			Phenol-d5	40	22.41	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.04	58		10	150
			2-Chlorophenol-d4	40	23.22	58		15	120
			4-Methylphenol-d8	40	21.55	54		10	140
			Nitrobenzene-d5	40	23.52	59		10	135
			2-Nitrophenol-d4	40	23.26	58		10	120
			2,4-Dichlorophenol-d3	40	23.75	59		10	140
			4-Chloroaniline-d4	40	19.19	48		1	145
			Dimethylphthalate-d6	40	23.46	59		10	145
			Acenaphthylene-d8	40	23.97	60		15	120
			4-Nitrophenol-d4	40	21.13	53		10	150
			Fluorene-d10	40	23.40	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.28	53		10	130
			Anthracene-d10	40	23.80	59		10	150
			Pyrene-d10	40	22.19	55		10	130
			Benzo(a)pyrene-d12	40	22.59	56		10	140
Q1139-06	DCZH3	BM049400.D	1,4-Dioxane-d8	8	2.45	31		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.27	36		10	130

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-06	DCZH3	BM049400.D	Bis(2-Chloroethyl)ether-d8	40	14.33	36		10	150
			2-Chlorophenol-d4	40	14.86	37		15	120
			4-Methylphenol-d8	40	14.83	37		10	140
			Nitrobenzene-d5	40	16.90	42		10	135
			2-Nitrophenol-d4	40	16.72	42		10	120
			2,4-Dichlorophenol-d3	40	16.67	42		10	140
			4-Chloroaniline-d4	40	3.71	9		1	145
			Dimethylphthalate-d6	40	14.84	37		10	145
			Acenaphthylene-d8	40	14.72	37		15	120
			4-Nitrophenol-d4	40	11.65	29		10	150
			Fluorene-d10	40	14.56	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.20	11		10	130
			Anthracene-d10	40	17.55	44		10	150
			Pyrene-d10	40	14.03	35		10	130
			Benzo(a)pyrene-d12	40	8.32	21		10	140
Q1139-07	DCZH4	BM049405.D	1,4-Dioxane-d8	8	2.84	35		15	120
			Pyridine-d5	40	4.15	10	*	20	120
			Phenol-d5	40	16.45	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.52	41		10	150
			2-Chlorophenol-d4	40	17.31	43		15	120
			4-Methylphenol-d8	40	16.44	41		10	140
			Nitrobenzene-d5	40	19.69	49		10	135
			2-Nitrophenol-d4	40	19.54	49		10	120
			2,4-Dichlorophenol-d3	40	18.21	46		10	140
			4-Chloroaniline-d4	40	8.82	22		1	145
			Dimethylphthalate-d6	40	17.13	43		10	145
			Acenaphthylene-d8	40	17.53	44		15	120
			4-Nitrophenol-d4	40	12.92	32		10	150
			Fluorene-d10	40	17.33	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.67	7	*	10	130
			Anthracene-d10	40	19.82	50		10	150
			Pyrene-d10	40	16.07	40		10	130
Q1139-08	DCZH5	BM049404.D	Benzo(a)pyrene-d12	40	10.12	25		10	140
			1,4-Dioxane-d8	8	2.70	34		15	120
			Pyridine-d5	40	4.73	12	*	20	120
			Phenol-d5	40	14.90	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.47	39		10	150
			2-Chlorophenol-d4	40	15.96	40		15	120
			4-Methylphenol-d8	40	14.57	36		10	140
			Nitrobenzene-d5	40	16.71	42		10	135
			2-Nitrophenol-d4	40	16.17	40		10	120
			2,4-Dichlorophenol-d3	40	15.74	39		10	140
			4-Chloroaniline-d4	40	9.85	25		1	145
			Dimethylphthalate-d6	40	16.84	42		10	145
			Acenaphthylene-d8	40	15.43	39		15	120
			4-Nitrophenol-d4	40	13.64	34		10	150
			Fluorene-d10	40	15.49	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.09	8	*	10	130
			Anthracene-d10	40	9.38	23		10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-08	DCZH5	BM049404.D	Pyrene-d10	40	13.54	34		10	130
			Benzo(a)pyrene-d12	40	8.66	22		10	140
Q1139-09	DCZH6	BM049406.D	1,4-Dioxane-d8	8	2.33	29		15	120
			Pyridine-d5	40	6.18	15	*	20	120
			Phenol-d5	40	13.71	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.69	32		10	150
			2-Chlorophenol-d4	40	14.31	36		15	120
			4-Methylphenol-d8	40	13.68	34		10	140
			Nitrobenzene-d5	40	14.44	36		10	135
			2-Nitrophenol-d4	40	14.93	37		10	120
			2,4-Dichlorophenol-d3	40	14.44	36		10	140
			4-Chloroaniline-d4	40	7.55	19		1	145
			Dimethylphthalate-d6	40	14.33	36		10	145
			Acenaphthylene-d8	40	12.83	32		15	120
			4-Nitrophenol-d4	40	12.41	31		10	150
			Fluorene-d10	40	12.61	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.82	10		10	130
			Anthracene-d10	40	11.97	30		10	150
			Pyrene-d10	40	11.43	29		10	130
			Benzo(a)pyrene-d12	40	6.78	17		10	140
Q1139-10	DCZH7	BM049402.D	1,4-Dioxane-d8	8	3.48	44		15	120
			Pyridine-d5	40	15.41	39		20	120
			Phenol-d5	40	18.55	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.36	46		10	150
			2-Chlorophenol-d4	40	19.64	49		15	120
			4-Methylphenol-d8	40	18.61	47		10	140
			Nitrobenzene-d5	40	20.98	52		10	135
			2-Nitrophenol-d4	40	20.73	52		10	120
			2,4-Dichlorophenol-d3	40	19.38	48		10	140
			4-Chloroaniline-d4	40	16.33	41		1	145
			Dimethylphthalate-d6	40	17.39	43		10	145
			Acenaphthylene-d8	40	15.27	38		15	120
			4-Nitrophenol-d4	40	13.73	34		10	150
			Fluorene-d10	40	13.57	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.98	7	*	10	130
			Anthracene-d10	40	14.66	37		10	150
			Pyrene-d10	40	13.95	35		10	130
			Benzo(a)pyrene-d12	40	12.87	32		10	140
Q1139-11	DCZH8	BM049403.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	20.98	52		20	120
			Phenol-d5	40	23.92	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.62	59		10	150
			2-Chlorophenol-d4	40	25.34	63		15	120
			4-Methylphenol-d8	40	23.22	58		10	140
			Nitrobenzene-d5	40	26.65	67		10	135
			2-Nitrophenol-d4	40	27.17	68		10	120
			2,4-Dichlorophenol-d3	40	24.30	61		10	140
			4-Chloroaniline-d4	40	20.39	51		1	145
			Dimethylphthalate-d6	40	24.41	61		10	145

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-11	DCZH8	BM049403.D	Acenaphthylene-d8	40	24.98	62		15	120
			4-Nitrophenol-d4	40	17.79	44		10	150
			Fluorene-d10	40	23.13	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.14	20		10	130
			Anthracene-d10	40	23.85	60		10	150
			Pyrene-d10	40	23.42	59		10	130
			Benzo(a)pyrene-d12	40	22.75	57		10	140
Q1139-12	DCZH9	BM049401.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	1.23	3	*	20	120
			Phenol-d5	40	20.89	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.84	52		10	150
			2-Chlorophenol-d4	40	22.09	55		15	120
			4-Methylphenol-d8	40	20.94	52		10	140
			Nitrobenzene-d5	40	24.12	60		10	135
			2-Nitrophenol-d4	40	23.56	59		10	120
			2,4-Dichlorophenol-d3	40	22.34	56		10	140
			4-Chloroaniline-d4	40	12.05	30		1	145
			Dimethylphthalate-d6	40	22.92	57		10	145
			Acenaphthylene-d8	40	21.62	54		15	120
			4-Nitrophenol-d4	40	16.77	42		10	150
			Fluorene-d10	40	19.73	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.26	8	*	10	130
			Anthracene-d10	40	22.07	55		10	150
			Pyrene-d10	40	14.97	37		10	130
			Benzo(a)pyrene-d12	40	9.75	24		10	140
Q1139-13	DCZJ0	BM049407.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	16.59	41		20	120
			Phenol-d5	40	21.60	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.20	53		10	150
			2-Chlorophenol-d4	40	22.96	57		15	120
			4-Methylphenol-d8	40	21.35	53		10	140
			Nitrobenzene-d5	40	24.00	60		10	135
			2-Nitrophenol-d4	40	23.86	60		10	120
			2,4-Dichlorophenol-d3	40	21.95	55		10	140
			4-Chloroaniline-d4	40	17.56	44		1	145
			Dimethylphthalate-d6	40	22.59	56		10	145
			Acenaphthylene-d8	40	22.20	55		15	120
			4-Nitrophenol-d4	40	17.05	43		10	150
			Fluorene-d10	40	21.42	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.30	21		10	130
			Anthracene-d10	40	22.37	56		10	150
			Pyrene-d10	40	21.71	54		10	130
			Benzo(a)pyrene-d12	40	20.08	50		10	140
Q1139-14	DCZJ1	BM049388.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	15.87	40		20	120
			Phenol-d5	40	18.31	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.12	50		10	150
			2-Chlorophenol-d4	40	19.42	49		15	120
			4-Methylphenol-d8	40	17.51	44		10	140

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-14	DCZJ1	BM049388.D	Nitrobenzene-d5	40	20.02	50		10	135
			2-Nitrophenol-d4	40	18.31	46		10	120
			2,4-Dichlorophenol-d3	40	17.77	44		10	140
			4-Chloroaniline-d4	40	15.17	38		1	145
			Dimethylphthalate-d6	40	20.38	51		10	145
			Acenaphthylene-d8	40	20.95	52		15	120
			4-Nitrophenol-d4	40	9.45	24		10	150
			Fluorene-d10	40	21.08	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.85	27		10	130
			Anthracene-d10	40	21.20	53		10	150
			Pyrene-d10	40	21.91	55		10	130
			Benzo(a)pyrene-d12	40	20.51	51		10	140
Q1139-15	DCZJ2	BM049389.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Pyridine-d5	40	7.42	19	*	20	120
			Phenol-d5	40	18.02	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.26	51		10	150
			2-Chlorophenol-d4	40	18.77	47		15	120
			4-Methylphenol-d8	40	16.90	42		10	140
			Nitrobenzene-d5	40	19.32	48		10	135
			2-Nitrophenol-d4	40	18.28	46		10	120
			2,4-Dichlorophenol-d3	40	17.56	44		10	140
			4-Chloroaniline-d4	40	13.41	34		1	145
			Dimethylphthalate-d6	40	20.18	50		10	145
			Acenaphthylene-d8	40	20.27	51		15	120
			4-Nitrophenol-d4	40	8.96	22		10	150
			Fluorene-d10	40	20.31	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.64	27		10	130
Q1139-16	DCZJ3	BM049390.D	Anthracene-d10	40	20.55	51		10	150
			Pyrene-d10	40	20.85	52		10	130
			Benzo(a)pyrene-d12	40	18.70	47		10	140
			1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	13.53	34		20	120
			Phenol-d5	40	19.33	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.64	54		10	150
			2-Chlorophenol-d4	40	20.44	51		15	120
			4-Methylphenol-d8	40	18.62	47		10	140
			Nitrobenzene-d5	40	20.73	52		10	135
			2-Nitrophenol-d4	40	19.91	50		10	120
			2,4-Dichlorophenol-d3	40	18.81	47		10	140
			4-Chloroaniline-d4	40	14.74	37		1	145
			Dimethylphthalate-d6	40	19.53	49		10	145
			Acenaphthylene-d8	40	21.14	53		15	120
Q1139-17	DCZJ4	BM049391.D	4-Nitrophenol-d4	40	9.38	23		10	150
			Fluorene-d10	40	20.67	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.06	28		10	130
			Anthracene-d10	40	19.74	49		10	150
			Pyrene-d10	40	20.05	50		10	130
			Benzo(a)pyrene-d12	40	18.72	47		10	140
			1,4-Dioxane-d8	8	4.82	60		15	120

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-17	DCZJ4	BM049391.D	Pyridine-d5	40	8.60	21		20	120
			Phenol-d5	40	20.48	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.83	57		10	150
			2-Chlorophenol-d4	40	21.85	55		15	120
			4-Methylphenol-d8	40	19.46	49		10	140
			Nitrobenzene-d5	40	22.18	55		10	135
			2-Nitrophenol-d4	40	21.24	53		10	120
			2,4-Dichlorophenol-d3	40	20.34	51		10	140
			4-Chloroaniline-d4	40	15.28	38		1	145
			Dimethylphthalate-d6	40	21.23	53		10	145
			Acenaphthylene-d8	40	22.43	56		15	120
			4-Nitrophenol-d4	40	10.21	26		10	150
			Fluorene-d10	40	22.06	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.74	32		10	130
			Anthracene-d10	40	21.91	55		10	150
			Pyrene-d10	40	22.68	57		10	130
			Benzo(a)pyrene-d12	40	20.57	51		10	140
Q1139-18	DCZJ5	BM049392.D	1,4-Dioxane-d8	8	4.91	61		15	120
			Pyridine-d5	40	13.36	33		20	120
			Phenol-d5	40	20.65	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.01	58		10	150
			2-Chlorophenol-d4	40	22.27	56		15	120
			4-Methylphenol-d8	40	19.72	49		10	140
			Nitrobenzene-d5	40	22.64	57		10	135
			2-Nitrophenol-d4	40	21.21	53		10	120
			2,4-Dichlorophenol-d3	40	20.61	52		10	140
			4-Chloroaniline-d4	40	16.67	42		1	145
			Dimethylphthalate-d6	40	22.26	56		10	145
			Acenaphthylene-d8	40	22.95	57		15	120
			4-Nitrophenol-d4	40	11.68	29		10	150
			Fluorene-d10	40	22.82	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.77	34		10	130
			Anthracene-d10	40	22.39	56		10	150
			Pyrene-d10	40	22.86	57		10	130
Q1139-19	DCZJ6	BM049398.D	Benzo(a)pyrene-d12	40	21.12	53		10	140
			1,4-Dioxane-d8	8	2.62	33		15	120
			Pyridine-d5	40	2.63	7	*	20	120
			Phenol-d5	40	13.60	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.90	37		10	150
			2-Chlorophenol-d4	40	14.15	35		15	120
			4-Methylphenol-d8	40	13.28	33		10	140
			Nitrobenzene-d5	40	14.55	36		10	135
			2-Nitrophenol-d4	40	13.33	33		10	120
			2,4-Dichlorophenol-d3	40	14.02	35		10	140
			4-Chloroaniline-d4	40	2.96	7		1	145
			Dimethylphthalate-d6	40	14.57	36		10	145
			Acenaphthylene-d8	40	14.34	36		15	120
			4-Nitrophenol-d4	40	8.64	22		10	150
			Fluorene-d10	40	14.37	36		20	140

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-19	DCZJ6	BM049398.D	4,6-Dinitro-2-methylphenol-d2	40	6.85	17		10	130
			Anthracene-d10	40	14.08	35		10	150
			Pyrene-d10	40	9.96	25		10	130
			Benzo(a)pyrene-d12	40	5.99	15		10	140
Q1139-20	DCZJ7	BM049399.D	1,4-Dioxane-d8	8	4.76	59		15	120
			Pyridine-d5	40	20.55	51		20	120
			Phenol-d5	40	23.94	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.06	60		10	150
			2-Chlorophenol-d4	40	25.27	63		15	120
			4-Methylphenol-d8	40	23.56	59		10	140
			Nitrobenzene-d5	40	25.96	65		10	135
			2-Nitrophenol-d4	40	25.75	64		10	120
			2,4-Dichlorophenol-d3	40	23.42	59		10	140
			4-Chloroaniline-d4	40	18.35	46		1	145
			Dimethylphthalate-d6	40	24.05	60		10	145
			Acenaphthylene-d8	40	25.01	63		15	120
			4-Nitrophenol-d4	40	15.64	39		10	150
			Fluorene-d10	40	23.37	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.00	45		10	130
			Anthracene-d10	40	23.44	59		10	150
			Pyrene-d10	40	23.77	59		10	130
			Benzo(a)pyrene-d12	40	20.96	52		10	140

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166161BL	PB166161BL	BM049378.D	1,4-Dioxane-d8	8	6.47	81		15	120
			Pyridine-d5	40	30.95	77		20	120
			Phenol-d5	40	29.41	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.52	76		25	120
			2-Chlorophenol-d4	40	30.68	77		20	130
			4-Methylphenol-d8	40	27.37	68		25	125
			Nitrobenzene-d5	40	29.70	74		20	125
			2-Nitrophenol-d4	40	27.81	70		20	130
			2,4-Dichlorophenol-d3	40	27.60	69		20	120
			4-Chloroaniline-d4	40	24.28	61		1	146
			Dimethylphthalate-d6	40	30.03	75		25	130
			Acenaphthylene-d8	40	30.77	77		10	130
			4-Nitrophenol-d4	40	13.97	35		10	150
			Fluorene-d10	40	31.38	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.94	42		10	130
			Anthracene-d10	40	31.68	79		25	130
			Pyrene-d10	40	34.92	87		15	130
			Benzo(a)pyrene-d12	40	30.47	76		20	130
PB166161BS	PB166161BS	BM049376.D	Pyridine-d5	40	35.61	89		20	120
			1,4-Dioxane-d8	8	7.25	91		15	120
			Phenol-d5	40	35.43	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.77	87		25	120
			2-Chlorophenol-d4	40	36.95	92		20	130
			4-Methylphenol-d8	40	33.34	83		25	125
			Nitrobenzene-d5	40	34.37	86		20	125
			2-Nitrophenol-d4	40	33.76	84		20	130
			2,4-Dichlorophenol-d3	40	35.99	90		20	120
			4-Chloroaniline-d4	40	28.48	71		1	146
			Dimethylphthalate-d6	40	35.01	88		25	130
			Acenaphthylene-d8	40	36.20	91		10	130
			4-Nitrophenol-d4	40	30.21	76		10	150
			Fluorene-d10	40	35.76	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.11	78		10	130
			Anthracene-d10	40	36.82	92		25	130
			Pyrene-d10	40	35.14	88		15	130
			Benzo(a)pyrene-d12	40	37.39	93		20	130
Q1139-21	DCZJ8	BM049372.D	Pyridine-d5	40	6.18	15	*	20	120
			1,4-Dioxane-d8	8	6.92	87		15	120
			Phenol-d5	40	7.78	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.01	95		25	120
			2-Chlorophenol-d4	40	32.32	81		20	130
			4-Methylphenol-d8	40	18.85	47		25	125
			Nitrobenzene-d5	40	36.40	91		20	125
			2-Nitrophenol-d4	40	34.06	85		20	130
			2,4-Dichlorophenol-d3	40	33.19	83		20	120
			4-Chloroaniline-d4	40	25.24	63		1	146
			Dimethylphthalate-d6	40	37.90	95		25	130
			Acenaphthylene-d8	40	38.12	95		10	130
			4-Nitrophenol-d4	40	3.61	9	*	10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-21	DCZJ8	BM049372.D	Fluorene-d10	40	41.24	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.50	64		10	130
			Anthracene-d10	40	44.58	111		25	130
			Pyrene-d10	40	47.20	118		15	130
			Benzo(a)pyrene-d12	40	44.20	111		20	130
Q1139-22	DCZJ9	BM049373.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Pyridine-d5	40	6.33	16	*	20	120
			Phenol-d5	40	6.55	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.57	81		25	120
			2-Chlorophenol-d4	40	27.51	69		20	130
			4-Methylphenol-d8	40	15.65	39		25	125
			Nitrobenzene-d5	40	31.95	80		20	125
			2-Nitrophenol-d4	40	28.86	72		20	130
			2,4-Dichlorophenol-d3	40	27.86	70		20	120
			4-Chloroaniline-d4	40	0.93	2		1	146
			Dimethylphthalate-d6	40	33.61	84		25	130
			Acenaphthylene-d8	40	33.12	83		10	130
			4-Nitrophenol-d4	40	2.69	7	*	10	150
			Fluorene-d10	40	36.06	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.67	57		10	130
			Anthracene-d10	40	39.14	98		25	130
			Pyrene-d10	40	42.30	106		15	130
			Benzo(a)pyrene-d12	40	38.52	96		20	130

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166176BL	PB166176BL	BM049397.D	1,4-Dioxane-d8	8	6.29	79		15	120
			Pyridine-d5	40	28.99	72		20	120
			Phenol-d5	40	28.84	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.28	78		10	150
			2-Chlorophenol-d4	40	30.31	76		15	120
			4-Methylphenol-d8	40	27.63	69		10	140
			Nitrobenzene-d5	40	31.95	80		10	135
			2-Nitrophenol-d4	40	30.45	76		10	120
			2,4-Dichlorophenol-d3	40	29.29	73		10	140
			4-Chloroaniline-d4	40	26.80	67		1	145
			Dimethylphthalate-d6	40	33.13	83		10	145
			Acenaphthylene-d8	40	33.37	83		15	120
			4-Nitrophenol-d4	40	17.90	45		10	150
			Fluorene-d10	40	33.54	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.23	56		10	130
			Anthracene-d10	40	35.08	88		10	150
			Pyrene-d10	40	39.00	98		10	130
			Benzo(a)pyrene-d12	40	34.16	85		10	140
PB166176BS	PB166176BS	BM049408.D	1,4-Dioxane-d8	8	6.04	76		15	120
			Pyridine-d5	40	27.54	69		20	120
			Phenol-d5	40	29.34	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.36	71		10	150
			2-Chlorophenol-d4	40	30.35	76		15	120
			4-Methylphenol-d8	40	27.99	70		10	140
			Nitrobenzene-d5	40	32.07	80		10	135
			2-Nitrophenol-d4	40	32.37	81		10	120
			2,4-Dichlorophenol-d3	40	30.18	75		10	140
			4-Chloroaniline-d4	40	25.39	63		1	145
			Dimethylphthalate-d6	40	29.46	74		10	145
			Acenaphthylene-d8	40	30.79	77		15	120
			4-Nitrophenol-d4	40	26.91	67		10	150
			Fluorene-d10	40	29.66	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.35	53		10	130
			Anthracene-d10	40	30.08	75		10	150
			Pyrene-d10	40	30.76	77		10	130
			Benzo(a)pyrene-d12	40	31.17	78		10	140
Q1108-01	YE8F5	BM049393.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	14.19	35		20	120
			Phenol-d5	40	20.65	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.80	57		10	150
			2-Chlorophenol-d4	40	21.64	54		15	120
			4-Methylphenol-d8	40	19.60	49		10	140
			Nitrobenzene-d5	40	22.27	56		10	135
			2-Nitrophenol-d4	40	21.20	53		10	120
			2,4-Dichlorophenol-d3	40	20.31	51		10	140
			4-Chloroaniline-d4	40	17.24	43		1	145
			Dimethylphthalate-d6	40	23.67	59		10	145
			Acenaphthylene-d8	40	24.00	60		15	120
			4-Nitrophenol-d4	40	10.04	25		10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1108-01	YE8F5	BM049393.D	Fluorene-d10	40	23.91	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.75	27		10	130
			Anthracene-d10	40	23.75	59		10	150
			Pyrene-d10	40	24.79	62		10	130
			Benzo(a)pyrene-d12	40	13.20	33		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM012225

Lab Code: CHEM

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049366.D

DFTPP Injection Date: 01/21/2025

Instrument ID: BNA_M

DFTPP Injection Time: 15:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	65.3
443	15.0 - 24.0% of mass 442	12.5 (19.1) 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
SSTD020067	SSTDCCC020	BM049367.D	01/21/2025	16:26
SBLK157	PB166157BL	BM049368.D	01/21/2025	17:05
SBLK156	PB166156BL	BM049369.D	01/21/2025	17:44
JNLA7	Q1131-01	BM049370.D	01/21/2025	18:23
JNLA7	Q1130-01	BM049371.D	01/21/2025	19:02
DCZJ8	Q1139-21	BM049372.D	01/21/2025	19:41
DCZJ9	Q1139-22	BM049373.D	01/21/2025	20:20
SLCS157	PB166157BS	BM049374.D	01/21/2025	20:58
SLCS156	PB166156BS	BM049375.D	01/21/2025	21:37
SLCS161	PB166161BS	BM049376.D	01/21/2025	22:16
SLEB133	PB166133TB	BM049377.D	01/21/2025	22:55
SBLK161	PB166161BL	BM049378.D	01/21/2025	23:34
SSTD020068	SSTDCCC020EC	BM049379.D	01/22/2025	00:52

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM012225

Lab Code: CHEM

SAS No.: BM012225

SDG NO.: BM012225

Lab File ID: BM049380.D

DFTPP Injection Date: 01/22/2025

Instrument ID: BNA_M

DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	70.1
443	15.0 - 24.0% of mass 442	13 (18.6) 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
SSTD020069	SSTDCCC020	BM049381.D	01/22/2025	12:58
SBLK160	PB166160BL	BM049382.D	01/22/2025	14:15
DCZH0	Q1139-01	BM049383.D	01/22/2025	14:54
DCZH1	Q1139-02	BM049384.D	01/22/2025	15:33
DCZH2	Q1139-03	BM049385.D	01/22/2025	16:12
DCZH2MS	Q1139-04MS	BM049386.D	01/22/2025	16:51
DCZH2MSD	Q1139-05MSD	BM049387.D	01/22/2025	17:30
DCZJ1	Q1139-14	BM049388.D	01/22/2025	18:09
DCZJ2	Q1139-15	BM049389.D	01/22/2025	18:48
DCZJ3	Q1139-16	BM049390.D	01/22/2025	19:27
DCZJ4	Q1139-17	BM049391.D	01/22/2025	20:06
DCZJ5	Q1139-18	BM049392.D	01/22/2025	20:44
YE8F5	Q1108-01	BM049393.D	01/22/2025	21:23
SLCS160	PB166160BS	BM049394.D	01/22/2025	22:02
SSTD020070	SSTDCCC020	BM049395.D	01/22/2025	23:20
SBLK160	PB166160BL	BM049396.D	01/22/2025	23:59
SBLK176	PB166176BL	BM049397.D	01/23/2025	00:38
DCZJ6	Q1139-19	BM049398.D	01/23/2025	01:17

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM012225

Lab Code: CHEM

SAS No.: BM012225

SDG NO.: BM012225

Lab File ID: BM049380.D

DFTPP Injection Date: 01/22/2025

Instrument ID: BNA_M

DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	70.1
443	15.0 - 24.0% of mass 442	13 (18.6) 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
DCZJ7	Q1139-20	BM049399.D	01/23/2025	01:55
DCZH3	Q1139-06	BM049400.D	01/23/2025	02:34
DCZH9	Q1139-12	BM049401.D	01/23/2025	03:13
DCZH7	Q1139-10	BM049402.D	01/23/2025	03:52
DCZH8	Q1139-11	BM049403.D	01/23/2025	04:31
DCZH5	Q1139-08	BM049404.D	01/23/2025	05:09
DCZH4	Q1139-07	BM049405.D	01/23/2025	05:48
DCZH6	Q1139-09	BM049406.D	01/23/2025	06:27
DCZJ0	Q1139-13	BM049407.D	01/23/2025	07:06
SLCS176	PB166176BS	BM049408.D	01/23/2025	07:44