

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1:09:50

Lab File ID: BM049444.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020076 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	0.606	0.010	14.3632	40.0
Benzaldehyde	0.905	1.172	0.010	29.5061	40.0
Pyridine	1.556	1.724	0.010	10.8288	40.0
Phenol	1.746	1.791	0.080	2.5957	20.0
Bis(2-Chloroethyl)ether	1.421	1.478	0.100	4.0093	20.0
2-Chlorophenol	1.335	1.377	0.200	3.1563	20.0
2-Methylphenol	1.275	1.242	0.010	-2.634	20.0
2,2-oxybis(1-Chloropropane)	2.130	2.439	0.010	14.492	40.0
Acetophenone	2.126	2.182	0.060	2.6249	20.0
4-Methylphenol	1.397	1.361	0.010	-2.6029	20.0
N-Nitroso-di-n-propylamine	1.148	1.188	0.050	3.4092	30.0
Hexachloroethane	0.574	0.603	0.100	5.1322	20.0
Nitrobenzene	0.395	0.440	0.050	11.4083	25.0
Isophorone	0.768	0.804	0.050	4.7073	25.0
2-Nitrophenol	0.187	0.194	0.050	3.6253	25.0
2,4-Dimethylphenol	0.351	0.369	0.050	5.3275	25.0
Bis(2-Chloroethoxy)methane	0.472	0.500	0.050	6.031	20.0
2,4-Dichlorophenol	0.347	0.369	0.060	6.3531	20.0
Naphthalene	1.061	1.123	0.200	5.8373	20.0
4-Chloroaniline	0.437	0.444	0.010	1.7831	40.0
Hexachlorobutadiene	0.247	0.276	0.040	11.6344	30.0
Caprolactam	0.103	0.102	0.010	-1.1863	40.0
4-Chloro-3-methylphenol	0.324	0.328	0.040	1.299	25.0
1-Methylnaphthalene	0.756	0.783	0.100	3.6257	20.0
2-Methylnaphthalene	0.760	0.787	0.100	3.5677	20.0
Hexachlorocyclopentadiene	0.415	0.419	0.010	0.8912	40.0
2,4,6-Trichlorophenol	0.426	0.454	0.090	6.6849	25.0
2,4,5-Trichlorophenol	0.456	0.489	0.100	7.1103	25.0
1,1-Biphenyl	1.464	1.551	0.200	5.9177	20.0
2-Chloronaphthalene	1.171	1.264	0.300	7.9655	20.0
2-Nitroaniline	0.309	0.328	0.050	6.2225	40.0
Dimethylphthalate	1.473	1.552	0.300	5.4183	20.0
2,6-Dinitrotoluene	0.275	0.285	0.080	3.7765	30.0
Acenaphthylene	1.742	1.841	0.400	5.6514	20.0
3-Nitroaniline	0.270	0.273	0.010	1.1212	40.0
Acenaphthene	1.245	1.332	0.200	7.0509	20.0
2,4-Dinitrophenol	0.172	0.145	0.010	-15.647	40.0
4-Nitrophenol	0.182	0.179	0.010	-1.3247	40.0
Dibenzofuran	1.768	1.950	0.300	10.3453	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1:09:50

Lab File ID: BM049444.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020076 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	0.435	0.070	6.7934	30.0
Diethylphthalate	1.435	1.517	0.300	5.7166	20.0
Fluorene	1.444	1.623	0.200	12.3677	20.0
4-Chlorophenyl-phenylether	0.787	0.880	0.100	11.7567	20.0
4-Nitroaniline	0.243	0.281	0.010	15.8177	40.0
4,6-Dinitro-2-methylphenol	0.139	0.141	0.010	1.1528	40.0
N-Nitrosodiphenylamine	0.593	0.624	0.050	5.087	20.0
1,2,4,5-Tetrachlorobenzene	0.692	0.747	0.100	7.9674	20.0
4-Bromophenyl-phenylether	0.227	0.241	0.070	5.9421	20.0
Hexachlorobenzene	0.264	0.276	0.050	4.4706	25.0
Atrazine	0.243	0.246	0.010	1.4356	25.0
Pentachlorophenol	0.175	0.165	0.010	-5.899	40.0
Phenanthrene	1.112	1.188	0.200	6.865	20.0
Pentachlorobenzene	0.334	0.352	0.050	5.4783	20.0
Anthracene	1.116	1.212	0.200	8.5847	20.0
1,2,3,4-Tetrachlorobenzene	0.334	0.353	0.050	5.4659	20.0
Carbazole	0.990	1.051	0.050	6.1328	40.0
Di-n-butylphthalate	1.213	1.222	0.500	0.7386	25.0
Fluoranthene	1.399	1.385	0.400	-0.9835	25.0
Pyrene	1.489	1.501	0.400	0.8423	25.0
Butylbenzylphthalate	0.527	0.497	0.100	-5.6748	40.0
3,3-Dichlorobenzidine	0.375	0.398	0.010	6.3356	40.0
Benzo (a) anthracene	1.394	1.484	0.300	6.4859	30.0
Chrysene	1.272	1.370	0.200	7.6333	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.764	0.200	-2.5587	40.0
Di-n-octyl phthalate	1.457	1.173	0.010	-19.4803	40.0
Benzo (b) fluoranthene	1.339	1.377	0.200	2.8859	25.0
Benzo (k) fluoranthene	1.335	1.348	0.200	0.9754	25.0
Benzo (a) pyrene	1.209	1.281	0.200	5.9757	20.0
Indeno (1,2,3-cd) pyrene	1.387	1.555	0.200	12.1065	25.0
Dibenzo (a,h) anthracene	1.130	1.260	0.200	11.5394	30.0
Benzo (g,h,i) perylene	1.035	1.166	0.200	12.5707	30.0
2,3,4,6-Tetrachlorophenol	0.386	0.412	0.040	6.9015	20.0
1,4-Dioxane-d8	0.483	0.569	0.010	17.6687	25.0
Pyridine-d5	1.539	1.663	0.010	8.0994	40.0
Phenol-d5	1.679	1.705	0.010	1.5762	25.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.204	0.050	7.7186	25.0
2-Chlorophenol-d4	1.284	1.346	0.200	4.7905	20.0
4-Methylphenol-d8	1.302	1.259	0.010	-3.2845	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1:09:50

Lab File ID: BM049444.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020076 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.161	0.050	5.813	20.0
2-Nitrophenol-d4	0.170	0.174	0.050	2.2591	30.0
2,4-Dichlorophenol-d3	0.348	0.366	0.060	5.305	20.0
4-Chloroaniline-d4	0.458	0.456	0.010	-0.4306	40.0
Dimethylphthalate-d6	1.489	1.581	0.300	6.2142	20.0
Acenaphthylene-d8	1.699	1.809	0.400	6.4739	20.0
4-Nitrophenol-d4	0.247	0.239	0.010	-3.1534	40.0
Fluorene-d10	1.286	1.414	0.100	9.9892	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.124	0.010	-2.9641	40.0
Anthracene-d10	0.989	1.080	0.300	9.2097	20.0
Pyrene-d10	1.217	1.220	0.300	0.2084	25.0
Benzo(a)pyrene-d12	1.074	1.118	0.010	4.1537	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.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1:16:05

Lab File ID: BM049450.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020077 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	0.562	0.010	6.1659	40.0
Benzaldehyde	0.905	1.051	0.010	16.1598	40.0
Pyridine	1.556	1.575	0.010	1.2627	40.0
Phenol	1.746	1.596	0.080	-8.5632	20.0
Bis(2-Chloroethyl)ether	1.421	1.316	0.100	-7.4312	20.0
2-Chlorophenol	1.335	1.254	0.200	-6.0458	20.0
2-Methylphenol	1.275	1.096	0.010	-14.0524	20.0
2,2-oxybis(1-Chloropropane)	2.130	2.112	0.010	-0.8718	40.0
Acetophenone	2.126	1.892	0.060	-11.0024	20.0
4-Methylphenol	1.397	1.195	0.010	-14.5031	20.0
N-Nitroso-di-n-propylamine	1.148	1.014	0.050	-11.7352	30.0
Hexachloroethane	0.574	0.553	0.100	-3.5528	20.0
Nitrobenzene	0.395	0.402	0.050	1.767	25.0
Isophorone	0.768	0.711	0.050	-7.4058	25.0
2-Nitrophenol	0.187	0.179	0.050	-4.2819	25.0
2,4-Dimethylphenol	0.351	0.334	0.050	-4.6977	25.0
Bis(2-Chloroethoxy)methane	0.472	0.442	0.050	-6.4014	20.0
2,4-Dichlorophenol	0.347	0.338	0.060	-2.5542	20.0
Naphthalene	1.061	1.031	0.200	-2.8688	20.0
4-Chloroaniline	0.437	0.387	0.010	-11.3466	40.0
Hexachlorobutadiene	0.247	0.255	0.040	3.0097	30.0
Caprolactam	0.103	0.095	0.010	-8.3728	40.0
4-Chloro-3-methylphenol	0.324	0.290	0.040	-10.5561	25.0
1-Methylnaphthalene	0.756	0.702	0.100	-7.1073	20.0
2-Methylnaphthalene	0.760	0.699	0.100	-7.9407	20.0
Hexachlorocyclopentadiene	0.415	0.449	0.010	8.1332	40.0
2,4,6-Trichlorophenol	0.426	0.418	0.090	-1.731	25.0
2,4,5-Trichlorophenol	0.456	0.449	0.100	-1.5206	25.0
1,1-Biphenyl	1.464	1.477	0.200	0.8608	20.0
2-Chloronaphthalene	1.171	1.205	0.300	2.877	20.0
2-Nitroaniline	0.309	0.289	0.050	-6.457	40.0
Dimethylphthalate	1.473	1.399	0.300	-5.0123	20.0
2,6-Dinitrotoluene	0.275	0.248	0.080	-9.7772	30.0
Acenaphthylene	1.742	1.702	0.400	-2.2909	20.0
3-Nitroaniline	0.270	0.232	0.010	-14.0307	40.0
Acenaphthene	1.245	1.218	0.200	-2.1721	20.0
2,4-Dinitrophenol	0.172	0.134	0.010	-22.1437	40.0
4-Nitrophenol	0.182	0.149	0.010	-17.7713	40.0
Dibenzofuran	1.768	1.764	0.300	-0.2165	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1:16:05

Lab File ID: BM049450.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020077 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	0.373	0.070	-8.5638	30.0
Diethylphthalate	1.435	1.337	0.300	-6.8249	20.0
Fluorene	1.444	1.434	0.200	-0.7021	20.0
4-Chlorophenyl-phenylether	0.787	0.788	0.100	0.0895	20.0
4-Nitroaniline	0.243	0.230	0.010	-5.3263	40.0
4,6-Dinitro-2-methylphenol	0.139	0.120	0.010	-13.9785	40.0
N-Nitrosodiphenylamine	0.593	0.571	0.050	-3.7963	20.0
1,2,4,5-Tetrachlorobenzene	0.692	0.713	0.100	2.9602	20.0
4-Bromophenyl-phenylether	0.227	0.220	0.070	-3.3256	20.0
Hexachlorobenzene	0.264	0.253	0.050	-4.2166	25.0
Atrazine	0.243	0.219	0.010	-9.607	25.0
Pentachlorophenol	0.175	0.162	0.010	-7.7945	40.0
Phenanthrene	1.112	1.088	0.200	-2.1868	20.0
Pentachlorobenzene	0.334	0.334	0.050	0.069	20.0
Anthracene	1.116	1.091	0.200	-2.2392	20.0
1,2,3,4-Tetrachlorobenzene	0.334	0.347	0.050	3.767	20.0
Carbazole	0.990	0.943	0.050	-4.758	40.0
Di-n-butylphthalate	1.213	1.091	0.500	-10.0704	25.0
Fluoranthene	1.399	1.237	0.400	-11.5253	25.0
Pyrene	1.489	1.346	0.400	-9.594	25.0
Butylbenzylphthalate	0.527	0.439	0.100	-16.6983	40.0
3,3-Dichlorobenzidine	0.375	0.355	0.010	-5.262	40.0
Benzo (a) anthracene	1.394	1.340	0.300	-3.8877	30.0
Chrysene	1.272	1.262	0.200	-0.8568	30.0
Bis(2-ethylhexyl)phthalate	0.784	0.672	0.200	-14.2633	40.0
Di-n-octyl phthalate	1.457	1.055	0.010	-27.5689	40.0
Benzo (b) fluoranthene	1.339	1.240	0.200	-7.4045	25.0
Benzo (k) fluoranthene	1.335	1.269	0.200	-4.9265	25.0
Benzo (a) pyrene	1.209	1.166	0.200	-3.608	20.0
Indeno (1,2,3-cd) pyrene	1.387	1.485	0.200	7.0472	25.0
Dibenzo (a,h) anthracene	1.130	1.198	0.200	6.0207	30.0
Benzo (g,h,i) perylene	1.035	1.143	0.200	10.3765	30.0
2,3,4,6-Tetrachlorophenol	0.386	0.360	0.040	-6.5766	20.0
1,4-Dioxane-d8	0.483	0.531	0.010	9.9027	25.0
Pyridine-d5	1.539	1.507	0.010	-2.0919	40.0
Phenol-d5	1.679	1.506	0.010	-10.2865	25.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.080	0.050	-3.368	25.0
2-Chlorophenol-d4	1.284	1.212	0.200	-5.6216	20.0
4-Methylphenol-d8	1.302	1.095	0.010	-15.9106	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1:16:05

Lab File ID: BM049450.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020077 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.148	0.050	-3.2603	20.0
2-Nitrophenol-d4	0.170	0.157	0.050	-7.6798	30.0
2,4-Dichlorophenol-d3	0.348	0.335	0.060	-3.5983	20.0
4-Chloroaniline-d4	0.458	0.403	0.010	-12.0685	40.0
Dimethylphthalate-d6	1.489	1.436	0.300	-3.5567	20.0
Acenaphthylene-d8	1.699	1.678	0.400	-1.2307	20.0
4-Nitrophenol-d4	0.247	0.193	0.010	-21.6071	40.0
Fluorene-d10	1.286	1.259	0.100	-2.0939	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.104	0.010	-18.3717	40.0
Anthracene-d10	0.989	0.973	0.300	-1.6001	20.0
Pyrene-d10	1.217	1.089	0.300	-10.506	25.0
Benzo(a)pyrene-d12	1.074	1.033	0.010	-3.8261	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.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1: 23:15

Lab File ID: BM049460.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020078 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	0.534	0.010	0.9047	50.0
Benzaldehyde	0.905	1.078	0.010	19.1308	50.0
Pyridine	1.556	1.514	0.010	-2.6905	50.0
Phenol	1.746	1.618	0.080	-7.2971	50.0
Bis(2-Chloroethyl)ether	1.421	1.340	0.100	-5.7162	50.0
2-Chlorophenol	1.335	1.261	0.200	-5.5619	50.0
2-Methylphenol	1.275	1.123	0.010	-11.9688	50.0
2,2-oxybis(1-Chloropropane)	2.130	2.186	0.010	2.5956	50.0
Acetophenone	2.126	1.961	0.060	-7.7519	50.0
4-Methylphenol	1.397	1.248	0.010	-10.6998	50.0
N-Nitroso-di-n-propylamine	1.148	1.082	0.050	-5.8182	50.0
Hexachloroethane	0.574	0.552	0.100	-3.8313	50.0
Nitrobenzene	0.395	0.390	0.050	-1.361	50.0
Isophorone	0.768	0.729	0.050	-5.0611	50.0
2-Nitrophenol	0.187	0.177	0.050	-5.4166	50.0
2,4-Dimethylphenol	0.351	0.333	0.050	-5.0562	50.0
Bis(2-Chloroethoxy)methane	0.472	0.447	0.050	-5.3144	50.0
2,4-Dichlorophenol	0.347	0.331	0.060	-4.4527	50.0
Naphthalene	1.061	1.022	0.200	-3.6878	50.0
4-Chloroaniline	0.437	0.394	0.010	-9.8465	50.0
Hexachlorobutadiene	0.247	0.249	0.040	0.6585	50.0
Caprolactam	0.103	0.100	0.010	-2.7797	50.0
4-Chloro-3-methylphenol	0.324	0.300	0.040	-7.3185	50.0
1-Methylnaphthalene	0.756	0.714	0.100	-5.4573	50.0
2-Methylnaphthalene	0.760	0.714	0.100	-5.9792	50.0
Hexachlorocyclopentadiene	0.415	0.419	0.010	0.8175	50.0
2,4,6-Trichlorophenol	0.426	0.411	0.090	-3.5882	50.0
2,4,5-Trichlorophenol	0.456	0.434	0.100	-4.8355	50.0
1,1-Biphenyl	1.464	1.415	0.200	-3.3991	50.0
2-Chloronaphthalene	1.171	1.158	0.300	-1.146	50.0
2-Nitroaniline	0.309	0.294	0.050	-4.9508	50.0
Dimethylphthalate	1.473	1.421	0.300	-3.5104	50.0
2,6-Dinitrotoluene	0.275	0.257	0.080	-6.5923	50.0
Acenaphthylene	1.742	1.694	0.400	-2.7855	50.0
3-Nitroaniline	0.270	0.242	0.010	-10.0849	50.0
Acenaphthene	1.245	1.213	0.200	-2.5657	50.0
2,4-Dinitrophenol	0.172	0.134	0.010	-21.9323	50.0
4-Nitrophenol	0.182	0.154	0.010	-15.4888	50.0
Dibenzofuran	1.768	1.747	0.300	-1.1751	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1: 23:15

Lab File ID: BM049460.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020078 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	0.387	0.070	-5.0553	50.0
Diethylphthalate	1.435	1.380	0.300	-3.8505	50.0
Fluorene	1.444	1.437	0.200	-0.4876	50.0
4-Chlorophenyl-phenylether	0.787	0.773	0.100	-1.7414	50.0
4-Nitroaniline	0.243	0.247	0.010	1.7323	50.0
4,6-Dinitro-2-methylphenol	0.139	0.118	0.010	-14.8808	50.0
N-Nitrosodiphenylamine	0.593	0.570	0.050	-3.9717	50.0
1,2,4,5-Tetrachlorobenzene	0.692	0.683	0.100	-1.3179	50.0
4-Bromophenyl-phenylether	0.227	0.221	0.070	-2.8208	50.0
Hexachlorobenzene	0.264	0.256	0.050	-3.2882	50.0
Atrazine	0.243	0.225	0.010	-7.3911	50.0
Pentachlorophenol	0.175	0.164	0.010	-6.5523	50.0
Phenanthrene	1.112	1.080	0.200	-2.8271	50.0
Pentachlorobenzene	0.334	0.326	0.050	-2.4283	50.0
Anthracene	1.116	1.103	0.200	-1.2081	50.0
1,2,3,4-Tetrachlorobenzene	0.334	0.329	0.050	-1.5614	50.0
Carbazole	0.990	0.952	0.050	-3.8365	50.0
Di-n-butylphthalate	1.213	1.136	0.500	-6.3287	50.0
Fluoranthene	1.399	1.278	0.400	-8.5999	50.0
Pyrene	1.489	1.377	0.400	-7.4776	50.0
Butylbenzylphthalate	0.527	0.464	0.100	-12.0082	50.0
3,3-Dichlorobenzidine	0.375	0.332	0.010	-11.383	50.0
Benzo (a) anthracene	1.394	1.346	0.300	-3.4602	50.0
Chrysene	1.272	1.253	0.200	-1.5341	50.0
Bis(2-ethylhexyl)phthalate	0.784	0.703	0.200	-10.2955	50.0
Di-n-octyl phthalate	1.457	1.086	0.010	-25.4692	50.0
Benzo (b) fluoranthene	1.339	1.228	0.200	-8.2492	50.0
Benzo (k) fluoranthene	1.335	1.256	0.200	-5.9122	50.0
Benzo (a) pyrene	1.209	1.150	0.200	-4.9132	50.0
Indeno (1,2,3-cd) pyrene	1.387	1.414	0.200	1.9444	50.0
Dibenzo (a,h) anthracene	1.130	1.142	0.200	1.0999	50.0
Benzo (g,h,i) perylene	1.035	1.096	0.200	5.8352	50.0
2,3,4,6-Tetrachlorophenol	0.386	0.370	0.040	-4.0756	50.0
1,4-Dioxane-d8	0.483	0.514	0.010	6.4341	50.0
Pyridine-d5	1.539	1.472	0.010	-4.3719	50.0
Phenol-d5	1.679	1.541	0.010	-8.1981	50.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.093	0.050	-2.1955	50.0
2-Chlorophenol-d4	1.284	1.212	0.200	-5.6097	50.0
4-Methylphenol-d8	1.302	1.150	0.010	-11.6303	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012725 SAS No.: BM012725 SDG No.: BM012725

Instrument ID: BNA_M Calibration Date/Time: 1/27/2025 1:23:15

Lab File ID: BM049460.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020078 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.145	0.050	-4.7534	50.0
2-Nitrophenol-d4	0.170	0.159	0.050	-6.5955	50.0
2,4-Dichlorophenol-d3	0.348	0.330	0.060	-5.0686	50.0
4-Chloroaniline-d4	0.458	0.401	0.010	-12.4591	50.0
Dimethylphthalate-d6	1.489	1.440	0.300	-3.2369	50.0
Acenaphthylene-d8	1.699	1.664	0.400	-2.0971	50.0
4-Nitrophenol-d4	0.247	0.206	0.010	-16.4419	50.0
Fluorene-d10	1.286	1.268	0.100	-1.4202	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.104	0.010	-18.0632	50.0
Anthracene-d10	0.989	0.972	0.300	-1.6569	50.0
Pyrene-d10	1.217	1.125	0.300	-7.589	50.0
Benzo(a)pyrene-d12	1.074	1.007	0.010	-6.1945	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK251	SDG No.:	BM012725
Lab Sample ID:	PB166251BL	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
BM049445.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK251	SDG No.:	BM012725
Lab Sample ID:	PB166251BL	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
BM049445.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK251	SDG No.:	BM012725
Lab Sample ID:	PB166251BL	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
BM049445.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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	6.661		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	30.62		20-120		77	SPK: -40
4165-62-2	Phenol-d5	28.866		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.968		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.123		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	27.026		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.297		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.816		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.123		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.306		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.284		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.39		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.303		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	31.384		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK251	SDG No.:	BM012725
Lab Sample ID:	PB166251BL	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
BM049445.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.178		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	31.064		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.002		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.721		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159092	7.516				
1146-65-2	Naphthalene-d8	555467	10.275				
15067-26-2	Acenaphthene-d10	346628	14.157				
1517-22-2	Phenanthrene-d10	720137	16.904				
1719-03-5	Chrysene-d12	685024	21.133				
1520-96-3	Perylene-d12	741578	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:	XA178	SDG No.:	BM012725
Lab Sample ID:	Q1148-09	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
BM049446.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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	150		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)	28		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	24		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	110	E	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	49		1.4	2.5	5	ug/L
78-59-1	Isophorone	160	E	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	110	E	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	73		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	210	E	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:	XA178	SDG No.:	BM012725
Lab Sample ID:	Q1148-09	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
BM049446.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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	90	E	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	42		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	180	E	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	100	E	1.5	2.5	5	ug/L
86-73-7	Fluorene	38		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	79		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	53		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	34		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	130	E	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:	XA178	SDG No.:	BM012725
Lab Sample ID:	Q1148-09	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
BM049446.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	38		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	59		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	39		1.4	2.5	5	ug/L
218-01-9	Chrysene	43		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	94		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	39		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	30		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45		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	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	6.822		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	31.639		20-120		79	SPK: -40
4165-62-2	Phenol-d5	34.234		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.921		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.013		20-130		88	SPK: -40
190780-66-6	4-Methylphenol-d8	33.158		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	37.531		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.691		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.396		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.258		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.296		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	40.8		10-130		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.379		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	41.483		25-125		104	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:	XA178	SDG No.:	BM012725
Lab Sample ID:	Q1148-09	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
BM049446.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.769		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	41.718		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	39.962		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.929		20-130		110	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164399	7.516				
1146-65-2	Naphthalene-d8	596914	10.275				
15067-26-2	Acenaphthene-d10	383111	14.157				
1517-22-2	Phenanthrene-d10	789317	16.91				
1719-03-5	Chrysene-d12	811963	21.139				
1520-96-3	Perylene-d12	785589	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	51	J			7.404	
000087-61-6	Benzene, 1,2,3-trichloro-	87	J			10.145	
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:	XA178DL	SDG No.:	BM012725
Lab Sample ID:	Q1148-09DL	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
BM049447.D	5	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.45	U	2.45	2.5	10	ug/L
100-52-7	Benzaldehyde	12.5	U	12.5	25	50	ug/L
110-86-1	Pyridine	7	U	7	50	50	ug/L
108-95-2	Phenol	7	U	7	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	150	D	7	25	50	ug/L
95-57-8	2-Chlorophenol	6.5	U	6.5	12.5	25	ug/L
95-48-7	2-Methylphenol	7	U	7	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30	JD	7	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	7	U	7	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24	JD	8	12.5	25	ug/L
67-72-1	Hexachloroethane	110	D	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	49	D	7	12.5	25	ug/L
78-59-1	Isophorone	150	D	7	12.5	25	ug/L
88-75-5	2-Nitrophenol	7	U	7	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	4.9	U	4.9	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	100	D	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	7.5	U	7.5	12.5	25	ug/L
91-20-3	Naphthalene	6.5	U	6.5	12.5	25	ug/L
106-47-8	4-Chloroaniline	7	U	7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	75	D	6	12.5	25	ug/L
105-60-2	Caprolactam	22.5	U	22.5	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	7	U	7	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	6.5	U	6.5	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	7	U	7	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	180	D	16.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	7.5	U	7.5	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	7.5	U	7.5	12.5	25	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:	XA178DL	SDG No.:	BM012725
Lab Sample ID:	Q1148-09DL	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
BM049447.D	5	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	8.5	U	8.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	8	U	8	12.5	25	ug/L
88-74-4	2-Nitroaniline	6	U	6	12.5	25	ug/L
131-11-3	Dimethylphthalate	7.5	U	7.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	71	D	5.5	12.5	25	ug/L
208-96-8	Acenaphthylene	41	D	7.5	12.5	25	ug/L
99-09-2	3-Nitroaniline	4.2	U	4.2	25	50	ug/L
83-32-9	Acenaphthene	7.5	U	7.5	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	29.5	U	29.5	25	50	ug/L
100-02-7	4-Nitrophenol	7.5	U	7.5	25	50	ug/L
132-64-9	Dibenzofuran	7.5	U	7.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	150	D	5.5	12.5	25	ug/L
84-66-2	Diethylphthalate	97	D	7.5	12.5	25	ug/L
86-73-7	Fluorene	35	D	7.5	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	77	D	8	12.5	25	ug/L
100-01-6	4-Nitroaniline	6.5	U	6.5	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	4.7	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	8	U	8	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	7.5	U	7.5	12.5	25	ug/L
118-74-1	Hexachlorobenzene	51	D	8	12.5	25	ug/L
1912-24-9	Atrazine	8	U	8	25	50	ug/L
87-86-5	Pentachlorophenol	18	U	18	25	50	ug/L
85-01-8	Phenanthrene	33	D	8	12.5	25	ug/L
608-93-5	Pentachlorobenzene	7.5	U	7.5	12.5	25	ug/L
120-12-7	Anthracene	7	U	7	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	6	U	6	12.5	25	ug/L
86-74-8	Carbazole	8	U	8	25	50	ug/L
84-74-2	Di-n-butylphthalate	110	D	8.5	12.5	25	ug/L
206-44-0	Fluoranthene	8.5	U	8.5	25	25	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:	XA178DL	SDG No.:	BM012725
Lab Sample ID:	Q1148-09DL	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
BM049447.D	5	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37	D	8.5	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	48	D	7.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	25	50	ug/L
56-55-3	Benzo(a)anthracene	37	D	7	12.5	25	ug/L
218-01-9	Chrysene	42	D	7.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9	U	9	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	69	D	7	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	36	D	8	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	8.5	U	8.5	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	27	D	7.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42	D	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	36	D	7	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	7	U	7	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7	U	7	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.575		15-120		95	SPK: -8
7291-22-7	Pyridine-d5	32.635		20-120		82	SPK: -40
4165-62-2	Phenol-d5	32.785		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.855		25-120		97	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.18		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	30.545		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	33.57		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.47		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.505		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.955		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.44		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	38.825		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.375		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	40.61		25-125		102	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:	XA178DL	SDG No.:	BM012725
Lab Sample ID:	Q1148-09DL	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
BM049447.D	5	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.945		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	39.91		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	38.955		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.685		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159883	7.516				
1146-65-2	Naphthalene-d8	575537	10.275				
15067-26-2	Acenaphthene-d10	371025	14.157				
1517-22-2	Phenanthrene-d10	773913	16.91				
1719-03-5	Chrysene-d12	780116	21.139				
1520-96-3	Perylene-d12	812901	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	52	JD			7.404	
000108-70-3	Benzene, 1,3,5-trichloro-	90	JD			10.145	
E966796	Total Alkanes	8.5	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:	E2941	SDG No.:	BM012725
Lab Sample ID:	Q1174-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BM049448.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.4		0.5	0.51	2	ug/L
100-52-7	Benzaldehyde	2.6	U	2.6	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.2	10	ug/L
108-95-2	Phenol	11		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	2.6	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1	U	1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.6	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.6	5.1	ug/L
105-60-2	Caprolactam	4.6	U	4.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.4	U	3.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.6	5.1	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:	E2941	SDG No.:	BM012725
Lab Sample ID:	Q1174-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BM049448.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.6	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	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.6	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	0.96	U	0.96	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.6	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.7	U	3.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.6	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.6	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	2.6	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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	E2941	SDG No.:	BM012725
Lab Sample ID:	Q1174-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BM049448.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.301		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	7.977		20-120		20	SPK: -40
4165-62-2	Phenol-d5	9.59		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.718		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.291		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	20.7		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	25.147		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.266		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.974		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.685		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.13		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.12		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.16		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	28.416		25-125		71	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:	E2941	SDG No.:	BM012725
Lab Sample ID:	Q1174-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BM049448.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.386		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	27.724		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	26.495		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.665		20-130		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162575	7.516				
1146-65-2	Naphthalene-d8	618238	10.275				
15067-26-2	Acenaphthene-d10	440999	14.157				
1517-22-2	Phenanthrene-d10	974242	16.904				
1719-03-5	Chrysene-d12	986695	21.139				
1520-96-3	Perylene-d12	1021151	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000503-74-2	Butanoic acid, 3-methyl-	24	J			4.534	
000097-61-0	Pentanoic acid, 2-methyl-	22	J			6.028	
000142-62-1	Hexanoic acid	4.3	J			6.581	
000149-57-5	Hexanoic acid, 2-ethyl-	31	J			8.869	
003302-10-1	Hexanoic acid, 3,5,5-trimethyl-	5	J			9.157	
000065-85-0	Benzoic acid	65	J			9.704	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	7.3	J			10.081	
000103-82-2	Benzeneacetic acid	57	J			10.916	
000069-72-7	Salicylic acid	2.3	J			11.569	
000119-61-9	Benzophenone	3.6	J			15.527	
001421-49-4	Benzoic acid, 3,5-bis(1,1-dimethyl	4	J			17.421	
000057-10-3	n-Hexadecanoic acid	3.3	J			17.833	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	2.7	J			19.38	
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:	E2942	SDG No.:	BM012725
Lab Sample ID:	Q1174-12	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
BM049449.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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:	E2942	SDG No.:	BM012725
Lab Sample ID:	Q1174-12	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
BM049449.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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:	E2942	SDG No.:	BM012725
Lab Sample ID:	Q1174-12	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
BM049449.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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	6.058		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	9.487		20-120		24	SPK: -40
4165-62-2	Phenol-d5	7.851		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.049		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.021		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	19.158		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	37.378		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.628		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.944		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.129		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.997		25-130		102	SPK: -40
93951-97-4	Acenaphthylene-d8	40.494		10-130		101	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.776		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	42.421		25-125		106	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:	E2942	SDG No.:	BM012725
Lab Sample ID:	Q1174-12	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
BM049449.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.435		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	42.787		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	43.79		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.222		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150621	7.516				
1146-65-2	Naphthalene-d8	540685	10.275				
15067-26-2	Acenaphthene-d10	340417	14.151				
1517-22-2	Phenanthrene-d10	704908	16.909				
1719-03-5	Chrysene-d12	689820	21.133				
1520-96-3	Perylene-d12	731396	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
013798-23-7	Hexathiane	4.5	J			14.71	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/24/2025 12:00:00 AM
Project:		Date Received:	1/24/2025 12:00:00 AM
Client Sample ID:	SBLK231	SDG No.:	BM012725
Lab Sample ID:	PB166231BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049451.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380	U	380	190	1900	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2400	9700	ug/Kg
110-86-1	Pyridine	1300	U	1300	4800	9700	ug/Kg
108-95-2	Phenol	970	U	970	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	890	U	890	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	850	U	850	1200	4900	ug/Kg
95-48-7	2-Methylphenol	920	U	920	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	750	U	750	2400	9700	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2400	9700	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	740	U	740	1200	4900	ug/Kg
67-72-1	Hexachloroethane	560	U	560	1200	4900	ug/Kg
98-95-3	Nitrobenzene	920	U	920	1200	4900	ug/Kg
78-59-1	Isophorone	880	U	880	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	830	U	830	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	1200	4900	ug/Kg
91-20-3	Naphthalene	940	U	940	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	1100	1200	4900	ug/Kg
105-60-2	Caprolactam	2600	U	2600	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	860	U	860	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	U	2300	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	1/24/2025 12:00:00 AM
Project:		Date Received:	1/24/2025 12:00:00 AM
Client Sample ID:	SBLK231	SDG No.:	BM012725
Lab Sample ID:	PB166231BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049451.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400	U	1400	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	660	U	660	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	1300	U	1300	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	720	U	720	1200	4900	ug/Kg
208-96-8	Acenaphthylene	1400	U	1400	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	660	U	660	2400	9700	ug/Kg
83-32-9	Acenaphthene	1300	U	1300	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2400	9700	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	850	U	850	1200	4900	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1200	4900	ug/Kg
86-73-7	Fluorene	1400	U	1400	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	1100	U	1100	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	470	U	470	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	1500	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	U	1300	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1200	4900	ug/Kg
1912-24-9	Atrazine	900	U	900	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	2400	U	2400	2400	9700	ug/Kg
85-01-8	Phenanthrene	1400	U	1400	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1200	4900	ug/Kg
120-12-7	Anthracene	1400	U	1400	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100	U	1100	1200	4900	ug/Kg
86-74-8	Carbazole	1500	U	1500	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	1200	4900	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	1/24/2025 12:00:00 AM
Project:		Date Received:	1/24/2025 12:00:00 AM
Client Sample ID:	SBLK231	SDG No.:	BM012725
Lab Sample ID:	PB166231BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049451.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400	U	1400	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	720	U	720	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	1300	U	1300	1200	4900	ug/Kg
218-01-9	Chrysene	1400	U	1400	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1100	U	1100	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	1200	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.899		15-120		99	SPK: -8
7291-22-7	Pyridine-d5	35.161		20-120		88	SPK: -40
4165-62-2	Phenol-d5	32.563		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.032		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.52		15-120		86	SPK: -40
190780-66-6	4-Methylphenol-d8	30.215		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	34.084		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.988		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.856		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.236		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.786		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	35.35		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.579		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	35.54		20-140		89	SPK: -40

Report of Analysis

Client:		Date Collected:	1/24/2025 12:00:00 AM
Project:		Date Received:	1/24/2025 12:00:00 AM
Client Sample ID:	SBLK231	SDG No.:	BM012725
Lab Sample ID:	PB166231BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049451.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.273		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	35.455		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	36.427		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.396		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151523	7.516				
1146-65-2	Naphthalene-d8	529635	10.275				
15067-26-2	Acenaphthene-d10	329963	14.157				
1517-22-2	Phenanthrene-d10	672799	16.904				
1719-03-5	Chrysene-d12	619555	21.139				
1520-96-3	Perylene-d12	668919	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK251	SDG No.:	BM012725
Lab Sample ID:	PB166251BL	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
BM049452.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK251	SDG No.:	BM012725
Lab Sample ID:	PB166251BL	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
BM049452.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK251	SDG No.:	BM012725
Lab Sample ID:	PB166251BL	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
BM049452.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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	6.729		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	31.156		20-120		78	SPK: -40
4165-62-2	Phenol-d5	29.512		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.93		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.344		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	27.641		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	30.223		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.51		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.75		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.485		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.606		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.806		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.67		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	31.735		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK251	SDG No.:	BM012725
Lab Sample ID:	PB166251BL	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
BM049452.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.242		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	31.344		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.349		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.366		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164384	7.516				
1146-65-2	Naphthalene-d8	576712	10.275				
15067-26-2	Acenaphthene-d10	370092	14.157				
1517-22-2	Phenanthrene-d10	774804	16.904				
1719-03-5	Chrysene-d12	745214	21.139				
1520-96-3	Perylene-d12	817078	23.915				
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:	DCZH3ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-06ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	1.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049453.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	440	U	440	220	2300	ug/Kg
100-52-7	Benzaldehyde	2500	U	2500	2800	11000	ug/Kg
110-86-1	Pyridine	1500	U	1500	5600	11000	ug/Kg
108-95-2	Phenol	1100	U	1100	2800	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000	U	1000	2800	11000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1400	5700	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	2800	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870	U	870	2800	11000	ug/Kg
98-86-2	Acetophenone	1200	U	1200	2800	11000	ug/Kg
106-44-5	4-Methylphenol	990	U	990	2800	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	860	U	860	1400	5700	ug/Kg
67-72-1	Hexachloroethane	660	U	660	1400	5700	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1400	5700	ug/Kg
78-59-1	Isophorone	1000	U	1000	1400	5700	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1400	5700	ug/Kg
105-67-9	2,4-Dimethylphenol	970	U	970	1400	5700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200	U	1200	1400	5700	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1400	5700	ug/Kg
91-20-3	Naphthalene	220000	E	1100	1400	5700	ug/Kg
106-47-8	4-Chloroaniline	1500	U	1500	1400	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1400	5700	ug/Kg
105-60-2	Caprolactam	3100	U	3100	2800	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1400	5700	ug/Kg
90-12-0	1-Methylnaphthalene	31000		1400	1400	5700	ug/Kg
91-57-6	2-Methylnaphthalene	69000		1400	1400	5700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2800	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1400	5700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1400	5700	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:	DCZH3ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-06ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	1.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049453.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600	U	1600	1400	5700	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1400	5700	ug/Kg
88-74-4	2-Nitroaniline	770	U	770	1400	5700	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1400	5700	ug/Kg
606-20-2	2,6-Dinitrotoluene	840	U	840	1400	5700	ug/Kg
208-96-8	Acenaphthylene	3100	J	1600	1400	5700	ug/Kg
99-09-2	3-Nitroaniline	770	U	770	2800	11000	ug/Kg
83-32-9	Acenaphthene	53000		1500	1400	5700	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	U	3400	2800	11000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	2800	11000	ug/Kg
132-64-9	Dibenzofuran	1600	U	1600	1400	5700	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1400	5700	ug/Kg
84-66-2	Diethylphthalate	2000	U	2000	1400	5700	ug/Kg
86-73-7	Fluorene	41000		1600	1400	5700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1400	5700	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2800	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	2800	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1400	5700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700	U	1700	1400	5700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	U	1500	1400	5700	ug/Kg
118-74-1	Hexachlorobenzene	1700	U	1700	1400	5700	ug/Kg
1912-24-9	Atrazine	1100	U	1100	2800	11000	ug/Kg
87-86-5	Pentachlorophenol	2800	U	2800	2800	11000	ug/Kg
85-01-8	Phenanthrene	270000	E	1600	1400	5700	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1400	5700	ug/Kg
120-12-7	Anthracene	17000		1600	1400	5700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1400	5700	ug/Kg
86-74-8	Carbazole	1700	U	1700	2800	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1400	5700	ug/Kg
206-44-0	Fluoranthene	110000	E	1500	2800	5700	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:	DCZH3ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-06ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	1.08	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049453.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	70000		1600	1400	5700	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1400	5700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840	U	840	2800	11000	ug/Kg
56-55-3	Benzo(a)anthracene	17000		1500	1400	5700	ug/Kg
218-01-9	Chrysene	15000		1600	1400	5700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700	U	1700	1400	5700	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	2800	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	11000		1500	1400	5700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4100	J	1800	1400	5700	ug/Kg
50-32-8	Benzo(a)pyrene	5800		1700	1400	5700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2700	J	1400	1400	5700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500	U	1500	1400	5700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3200	J	1500	1400	5700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400	U	1400	1400	5700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.539		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	23		20-120		57	SPK: -40
4165-62-2	Phenol-d5	24.478		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.741		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.501		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.076		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.419		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.129		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.055		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.348		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.38		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.914		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.689		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	30.318		20-140		76	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:	DCZH3ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-06ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	1.08	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049453.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.04		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	30.196		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	27.72		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.112		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128730	7.516				
1146-65-2	Naphthalene-d8	469936	10.275				
15067-26-2	Acenaphthene-d10	315529	14.151				
1517-22-2	Phenanthrene-d10	671362	16.91				
1719-03-5	Chrysene-d12	771659	21.133				
1520-96-3	Perylene-d12	769857	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000092-52-4	Biphenyl	15000	J			12.98	
001127-76-0	Naphthalene, 1-ethyl-	5400	J			13.175	
000582-16-1	Naphthalene, 2,7-dimethyl-	4100	J			13.31	
000581-42-0	Naphthalene, 2,6-dimethyl-	4400	J			13.327	
000575-37-1	Naphthalene, 1,7-dimethyl-	8100	J			13.469	
000581-40-8	Naphthalene, 2,3-dimethyl-	3000	J			13.71	
000132-64-9	Dibenzo furan	54000	J			14.557	
000954-21-2	Nordiphenamid	5100	J			15.374	
000643-58-3	1,1-Biphenyl, 2-methyl-	3300	J			15.457	
007320-53-8	Dibenzofuran, 4-methyl-	12000	J			15.51	
002523-39-9	9H-Fluorene, 3-methyl-	4600	J			16.215	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	2800	J			16.486	
000486-25-9	9H-Fluoren-9-one	11000	J			16.563	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	3800	J			16.645	
000233-02-3	Naphtho[2,1-b]thiophene	20000	J			16.721	
000244-99-5	5H-Indeno[1,2-b]pyridine	8200	J			17.315	
000605-02-7	Naphthalene, 1-phenyl-	4200	J			17.433	

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:	DCZH3ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-06ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	1.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049453.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000383-55-1	2-Methyldibenzothiophene	3000	J			17.486	
002531-84-2	Phenanthrene, 2-methyl-	13000	J			17.78	
000832-69-9	Phenanthrene, 1-methyl-	20000	J			17.833	
000613-12-7	Anthracene, 2-methyl-	4100	J			17.91	
000203-64-5	4H-Cyclopenta[def]phenanthrene	22000	J			17.974	
000610-48-0	Anthracene, 1-methyl-	6000	J			18.015	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	11000	J			18.292	
000084-65-1	9,10-Anthracenedione	3500	J			18.327	
003674-66-6	Phenanthrene, 2,5-dimethyl-	2700	J			18.715	
005737-13-3	Cyclopenta(def)phenanthrenone	3400	J			18.851	
000243-17-4	11H-Benzo[b]fluorene	2700	J			19.674	
000238-84-6	11H-Benzo[a]fluorene	3100	J			19.839	
000192-97-2	Benzo[e]pyrene	4900	J			23.662	
E966796	Total Alkanes	1600	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:	DCZH4ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-07ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049454.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	450	U	450	230	2300	ug/Kg
100-52-7	Benzaldehyde	2500	U	2500	2800	11000	ug/Kg
110-86-1	Pyridine	1500	U	1500	5700	11000	ug/Kg
108-95-2	Phenol	1100	U	1100	2800	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2800	11000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1500	5700	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	2800	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	880	U	880	2800	11000	ug/Kg
98-86-2	Acetophenone	1300	U	1300	2800	11000	ug/Kg
106-44-5	4-Methylphenol	990	U	990	2800	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	870	U	870	1500	5700	ug/Kg
67-72-1	Hexachloroethane	660	U	660	1500	5700	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	5700	ug/Kg
78-59-1	Isophorone	1000	U	1000	1500	5700	ug/Kg
88-75-5	2-Nitrophenol	1300	U	1300	1500	5700	ug/Kg
105-67-9	2,4-Dimethylphenol	970	U	970	1500	5700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1500	5700	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1500	5700	ug/Kg
91-20-3	Naphthalene	92000	E	1100	1500	5700	ug/Kg
106-47-8	4-Chloroaniline	1500	U	1500	1500	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1500	5700	ug/Kg
105-60-2	Caprolactam	3100	U	3100	2800	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1500	5700	ug/Kg
90-12-0	1-Methylnaphthalene	14000		1400	1500	5700	ug/Kg
91-57-6	2-Methylnaphthalene	31000		1400	1500	5700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2800	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	5700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1500	5700	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:	DCZH4ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-07ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049454.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600	U	1600	1500	5700	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	5700	ug/Kg
88-74-4	2-Nitroaniline	780	U	780	1500	5700	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	5700	ug/Kg
606-20-2	2,6-Dinitrotoluene	850	U	850	1500	5700	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1500	5700	ug/Kg
99-09-2	3-Nitroaniline	780	U	780	2800	11000	ug/Kg
83-32-9	Acenaphthene	31000		1500	1500	5700	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	U	3400	2800	11000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	2800	11000	ug/Kg
132-64-9	Dibenzofuran	1600	U	1600	1500	5700	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1500	5700	ug/Kg
84-66-2	Diethylphthalate	2100	U	2100	1500	5700	ug/Kg
86-73-7	Fluorene	30000		1600	1500	5700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1500	5700	ug/Kg
100-01-6	4-Nitroaniline	1300	U	1300	2800	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	2800	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	5700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700	U	1700	1500	5700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	U	1500	1500	5700	ug/Kg
118-74-1	Hexachlorobenzene	1700	U	1700	1500	5700	ug/Kg
1912-24-9	Atrazine	1100	U	1100	2800	11000	ug/Kg
87-86-5	Pentachlorophenol	2900	U	2900	2800	11000	ug/Kg
85-01-8	Phenanthrene	140000	E	1600	1500	5700	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1500	5700	ug/Kg
120-12-7	Anthracene	12000		1600	1500	5700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300	U	1300	1500	5700	ug/Kg
86-74-8	Carbazole	1700	U	1700	2800	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1500	5700	ug/Kg
206-44-0	Fluoranthene	60000		1500	2800	5700	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:	DCZH4ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-07ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049454.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37000		1600	1500	5700	ug/Kg
85-68-7	Butylbenzylphthalate	1300	U	1300	1500	5700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850	U	850	2800	11000	ug/Kg
56-55-3	Benzo(a)anthracene	8400		1500	1500	5700	ug/Kg
218-01-9	Chrysene	7000		1600	1500	5700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700	U	1700	1500	5700	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2800	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800	J	1500	1500	5700	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800	U	1800	1500	5700	ug/Kg
50-32-8	Benzo(a)pyrene	2100	J	1700	1500	5700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1500	5700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500	U	1500	1500	5700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500	U	1500	1500	5700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400	U	1400	1500	5700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.991		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	21.022		20-120		53	SPK: -40
4165-62-2	Phenol-d5	21.274		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.334		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.579		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.438		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.121		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.962		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.43		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.778		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.752		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.068		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.241		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	25.911		20-140		65	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:	DCZH4ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-07ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049454.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.606		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	25.834		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	25.212		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.29		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166555	7.516				
1146-65-2	Naphthalene-d8	600475	10.274				
15067-26-2	Acenaphthene-d10	377341	14.151				
1517-22-2	Phenanthrene-d10	763343	16.909				
1719-03-5	Chrysene-d12	783389	21.133				
1520-96-3	Perylene-d12	806433	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000092-52-4	Biphenyl	9400	J			12.98	
001127-76-0	Naphthalene, 1-ethyl-	3100	J			13.174	
000581-42-0	Naphthalene, 2,6-dimethyl-	3000	J			13.31	
000581-40-8	Naphthalene, 2,3-dimethyl-	4700	J			13.468	
000132-64-9	Dibenzo furan	32000	J			14.557	
000954-21-2	Nordiphenamid	3500	J			15.374	
006344-67-8	9H-Fluoren-3-ol	8000	J			15.509	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	6800	J			15.656	
002523-39-9	9H-Fluorene, 3-methyl-	3300	J			16.215	
000486-25-9	9H-Fluoren-9-one	2800	J			16.562	
000132-65-0	Dibenzothiophene	10000	J			16.721	
000244-99-5	5H-Indeno[1,2-b]pyridine	6700	J			17.315	
000832-69-9	Phenanthrene, 1-methyl-	6400	J			17.786	
002531-84-2	Phenanthrene, 2-methyl-	10000	J			17.833	
004505-48-0	1H-Indene, 2-phenyl-	2500	J			17.909	
000203-64-5	4H-Cyclopenta[def]phenanthrene	13000	J			17.974	
000610-48-0	Anthracene, 1-methyl-	3100	J			18.015	

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:	DCZH4ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-07ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049454.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000612-94-2	Naphthalene, 2-phenyl-	5800	J			18.292	
000243-17-4	11H-Benzo[b]fluorene	3000	J			19.844	
000238-84-6	11H-Benzo[a]fluorene	2900	J			19.944	
E966796	Total Alkanes	1600	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:	DCZH5ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-08ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049455.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	450	U	450	230	2300	ug/Kg
100-52-7	Benzaldehyde	2500	U	2500	2800	11000	ug/Kg
110-86-1	Pyridine	1500	U	1500	5700	11000	ug/Kg
108-95-2	Phenol	1100	U	1100	2800	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2800	11000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1500	5700	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	2800	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	880	U	880	2800	11000	ug/Kg
98-86-2	Acetophenone	1300	U	1300	2800	11000	ug/Kg
106-44-5	4-Methylphenol	1000	U	1000	2800	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	870	U	870	1500	5700	ug/Kg
67-72-1	Hexachloroethane	660	U	660	1500	5700	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	5700	ug/Kg
78-59-1	Isophorone	1000	U	1000	1500	5700	ug/Kg
88-75-5	2-Nitrophenol	1300	U	1300	1500	5700	ug/Kg
105-67-9	2,4-Dimethylphenol	970	U	970	1500	5700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1500	5700	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1500	5700	ug/Kg
91-20-3	Naphthalene	6700		1100	1500	5700	ug/Kg
106-47-8	4-Chloroaniline	1500	U	1500	1500	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1500	5700	ug/Kg
105-60-2	Caprolactam	3100	U	3100	2800	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1500	5700	ug/Kg
90-12-0	1-Methylnaphthalene	2500	J	1400	1500	5700	ug/Kg
91-57-6	2-Methylnaphthalene	5300	J	1400	1500	5700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2800	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	5700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1500	5700	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:	DCZH5ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-08ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049455.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600	U	1600	1500	5700	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	5700	ug/Kg
88-74-4	2-Nitroaniline	780	U	780	1500	5700	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	5700	ug/Kg
606-20-2	2,6-Dinitrotoluene	850	U	850	1500	5700	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1500	5700	ug/Kg
99-09-2	3-Nitroaniline	780	U	780	2800	11000	ug/Kg
83-32-9	Acenaphthene	27000		1500	1500	5700	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	U	3400	2800	11000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	2800	11000	ug/Kg
132-64-9	Dibenzofuran	1600	U	1600	1500	5700	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1500	5700	ug/Kg
84-66-2	Diethylphthalate	2100	U	2100	1500	5700	ug/Kg
86-73-7	Fluorene	21000		1600	1500	5700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1500	5700	ug/Kg
100-01-6	4-Nitroaniline	1300	U	1300	2800	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	2800	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	5700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700	U	1700	1500	5700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	U	1500	1500	5700	ug/Kg
118-74-1	Hexachlorobenzene	1700	U	1700	1500	5700	ug/Kg
1912-24-9	Atrazine	1100	U	1100	2800	11000	ug/Kg
87-86-5	Pentachlorophenol	2900	U	2900	2800	11000	ug/Kg
85-01-8	Phenanthrene	53000		1600	1500	5700	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1500	5700	ug/Kg
120-12-7	Anthracene	61000		1600	1500	5700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300	U	1300	1500	5700	ug/Kg
86-74-8	Carbazole	1700	U	1700	2800	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1500	5700	ug/Kg
206-44-0	Fluoranthene	66000		1500	2800	5700	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:	DCZH5ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-08ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049455.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44000		1600	1500	5700	ug/Kg
85-68-7	Butylbenzylphthalate	1300	U	1300	1500	5700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850	U	850	2800	11000	ug/Kg
56-55-3	Benzo(a)anthracene	8700		1500	1500	5700	ug/Kg
218-01-9	Chrysene	10000		1600	1500	5700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700	U	1700	1500	5700	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2800	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	7100		1500	1500	5700	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000	J	1800	1500	5700	ug/Kg
50-32-8	Benzo(a)pyrene	3200	J	1700	1500	5700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1500	5700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500	U	1500	1500	5700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500	U	1500	1500	5700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400	U	1400	1500	5700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.225		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	20.919		20-120		52	SPK: -40
4165-62-2	Phenol-d5	22.888		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.996		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.196		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	21.583		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	25.457		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.714		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.659		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.965		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.231		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.295		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.555		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	27.914		20-140		70	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:	DCZH5ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-08ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049455.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.143		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	27.203		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	26.924		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.784		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136658	7.51				
1146-65-2	Naphthalene-d8	489832	10.275				
15067-26-2	Acenaphthene-d10	306326	14.151				
1517-22-2	Phenanthrene-d10	634925	16.904				
1719-03-5	Chrysene-d12	667428	21.133				
1520-96-3	Perylene-d12	675164	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain4.146	3500	J			4.146	
	(DEL) Alkane: Straight-Chain7.151	7000	J			7.151	
	(DEL) Alkane: Straight-Chain8.739	6800	J			8.739	
000092-52-4	Biphenyl	3000	J			12.986	
000581-42-0	Naphthalene, 2,6-dimethyl-	2600	J			13.31	
000575-41-7	Naphthalene, 1,3-dimethyl-	2500	J			13.475	
001855-47-6	1-Isopropenylnaphthalene	2500	J			14.469	
000132-64-9	Dibenzo furan	13000	J			14.557	
000119-61-9	Benzophenone	6000	J			15.527	
007320-53-8	Dibenzofuran, 4-methyl-	4100	J			15.657	
002235-15-6	1(2H)-Acenaphthylenone	3000	J			15.886	
002523-39-9	9H-Fluorene, 3-methyl-	2500	J			16.215	
000132-65-0	Dibenzothiophene	6600	J			16.727	
000260-94-6	Acridine	2600	J			17.104	
000244-99-5	5H-Indeno[1,2-b]pyridine	15000	J			17.315	
002531-84-2	Phenanthrene, 2-methyl-	2700	J			17.786	
000613-12-7	Anthracene, 2-methyl-	6700	J			17.827	

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:	DCZH5ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-08ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049455.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000832-69-9	Phenanthrene, 1-methyl-	3000	J			17.91	
000203-64-5	4H-Cyclopenta[def]phenanthrene	16000	J			17.974	
000612-94-2	Naphthalene, 2-phenyl-	2600	J			18.292	
002381-21-7	Pyrene, 1-methyl-	4400	J			19.845	
000243-17-4	11H-Benzo[b]fluorene	3900	J			19.945	
E966796	Total Alkanes	17000				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:	DCZH9ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049456.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	450	U	450	230	2300	ug/Kg
100-52-7	Benzaldehyde	2600	U	2600	2900	12000	ug/Kg
110-86-1	Pyridine	1500	U	1500	5800	12000	ug/Kg
108-95-2	Phenol	1200	U	1200	2900	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2900	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1500	5800	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	2900	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900	U	900	2900	12000	ug/Kg
98-86-2	Acetophenone	1300	U	1300	2900	12000	ug/Kg
106-44-5	4-Methylphenol	1000	U	1000	2900	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	880	U	880	1500	5800	ug/Kg
67-72-1	Hexachloroethane	670	U	670	1500	5800	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	5800	ug/Kg
78-59-1	Isophorone	1100	U	1100	1500	5800	ug/Kg
88-75-5	2-Nitrophenol	1300	U	1300	1500	5800	ug/Kg
105-67-9	2,4-Dimethylphenol	990	U	990	1500	5800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1500	5800	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1500	5800	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1500	5800	ug/Kg
106-47-8	4-Chloroaniline	1500	U	1500	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1500	5800	ug/Kg
105-60-2	Caprolactam	3100	U	3100	2900	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1500	5800	ug/Kg
90-12-0	1-Methylnaphthalene	2100	J	1400	1500	5800	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	1500	5800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	U	2800	2900	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	5800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1500	5800	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:	DCZH9ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049456.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600	U	1600	1500	5800	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	5800	ug/Kg
88-74-4	2-Nitroaniline	790	U	790	1500	5800	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	5800	ug/Kg
606-20-2	2,6-Dinitrotoluene	860	U	860	1500	5800	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1500	5800	ug/Kg
99-09-2	3-Nitroaniline	790	U	790	2900	12000	ug/Kg
83-32-9	Acenaphthene	32000		1500	1500	5800	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	2900	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	2900	12000	ug/Kg
132-64-9	Dibenzofuran	1600	U	1600	1500	5800	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1500	5800	ug/Kg
84-66-2	Diethylphthalate	2100	U	2100	1500	5800	ug/Kg
86-73-7	Fluorene	30000		1600	1500	5800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900	U	1900	1500	5800	ug/Kg
100-01-6	4-Nitroaniline	1300	U	1300	2900	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	560	U	560	2900	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	5800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700	U	1700	1500	5800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	U	1500	1500	5800	ug/Kg
118-74-1	Hexachlorobenzene	1700	U	1700	1500	5800	ug/Kg
1912-24-9	Atrazine	1100	U	1100	2900	12000	ug/Kg
87-86-5	Pentachlorophenol	2900	U	2900	2900	12000	ug/Kg
85-01-8	Phenanthrene	140000	E	1600	1500	5800	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	5800	ug/Kg
120-12-7	Anthracene	15000		1600	1500	5800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300	U	1300	1500	5800	ug/Kg
86-74-8	Carbazole	1700	U	1700	2900	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1500	5800	ug/Kg
206-44-0	Fluoranthene	160000	E	1500	2900	5800	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:	DCZH9ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049456.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	94000	E	1600	1500	5800	ug/Kg
85-68-7	Butylbenzylphthalate	1300	U	1300	1500	5800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860	U	860	2900	12000	ug/Kg
56-55-3	Benzo(a)anthracene	16000		1500	1500	5800	ug/Kg
218-01-9	Chrysene	21000		1600	1500	5800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700	U	1700	1500	5800	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2900	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	11000		1500	1500	5800	ug/Kg
207-08-9	Benzo(k)fluoranthene	3900	J	1900	1500	5800	ug/Kg
50-32-8	Benzo(a)pyrene	4800	J	1700	1500	5800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700	J	1400	1500	5800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500	U	1500	1500	5800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900	J	1500	1500	5800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400	U	1400	1500	5800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.485		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	17.759		20-120		44	SPK: -40
4165-62-2	Phenol-d5	19.806		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.37		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.56		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	19.076		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.754		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.448		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.711		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.089		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.364		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.978		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.162		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	23.789		20-140		59	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:	DCZH9ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049456.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.89		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	23.42		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	21.884		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.063		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180085	7.516				
1146-65-2	Naphthalene-d8	653225	10.275				
15067-26-2	Acenaphthene-d10	416918	14.151				
1517-22-2	Phenanthrene-d10	870839	16.909				
1719-03-5	Chrysene-d12	998346	21.139				
1520-96-3	Perylene-d12	1045497	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
001855-47-6	1-Isopropenylnaphthalene	2500	J			14.468	
000132-64-9	Dibenzo furan	17000	J			14.557	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	9200	J			15.509	
000229-95-8	6H-Dibenzo[b,d]-pyran	7300	J			15.651	
001730-37-6	9H-Fluorene, 1-methyl-	5200	J			16.215	
059341-20-7	(3H)Benzo[c]pyrrole, 3-methyl-3-ph	2400	J			16.262	
002523-39-9	9H-Fluorene, 3-methyl-	2400	J			16.362	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	2400	J			16.486	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	4400	J			16.657	
000132-65-0	Dibenzothiophene	12000	J			16.721	
000605-02-7	Naphthalene, 1-phenyl-	3900	J			17.433	
007372-88-5	Dibenzothiophene, 4-methyl-	2400	J			17.486	
002531-84-2	Phenanthrene, 2-methyl-	13000	J			17.78	
000832-69-9	Phenanthrene, 1-methyl-	18000	J			17.827	
000613-12-7	Anthracene, 2-methyl-	3600	J			17.909	
000203-64-5	4H-Cyclopenta[def]phenanthrene	37000	J			17.974	
000612-94-2	Naphthalene, 2-phenyl-	9700	J			18.292	

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:	DCZH9ME	SDG No.:	BM012725
Lab Sample ID:	Q1139-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049456.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-65-1	9,10-Anthracenedione	2400	J			18.333	
003674-66-6	Phenanthrene, 2,5-dimethyl-	3700	J			18.715	
000243-42-5	Benzo[b]naphtho[2,3-d]furan	3100	J			19.527	
002381-21-7	Pyrene, 1-methyl-	3500	J			19.674	
000243-17-4	11H-Benzo[b]fluorene	7700	J			19.845	
000238-84-6	11H-Benzo[a]fluorene	7200	J			19.945	
003353-12-6	Pyrene, 4-methyl-	2900	J			19.997	
000192-97-2	Benzo[e]pyrene	4400	J			23.656	
E966796	Total Alkanes	1600	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:	E2943	SDG No.:	BM012725
Lab Sample ID:	Q1174-13	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
BM049457.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	E2943	SDG No.:	BM012725
Lab Sample ID:	Q1174-13	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
BM049457.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	E2943	SDG No.:	BM012725
Lab Sample ID:	Q1174-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BM049457.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

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	4.968		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	4.48	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.673		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.848		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.018		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	19.009		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	35.23		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.019		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.348		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.315		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.492		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	37.267		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.744		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	40.211		25-125		101	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:	E2943	SDG No.:	BM012725
Lab Sample ID:	Q1174-13	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
BM049457.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.28		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	41.823		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	43.805		15-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.976		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174024	7.51				
1146-65-2	Naphthalene-d8	647338	10.275				
15067-26-2	Acenaphthene-d10	424907	14.151				
1517-22-2	Phenanthrene-d10	879844	16.904				
1719-03-5	Chrysene-d12	833747	21.139				
1520-96-3	Perylene-d12	876961	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	11	J			10.075	
013798-23-7	Hexathiane	10	J			14.704	
000057-10-3	n-Hexadecanoic acid	2.1	J			17.833	
000057-11-4	Octadecanoic acid	2.4	J			19.121	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SLCS251	SDG No.:	BM012725
Lab Sample ID:	PB166251BS	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
BM049458.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	3.4	J	2.5	5	10	ug/L
110-86-1	Pyridine	34		1.4	10	10	ug/L
108-95-2	Phenol	35		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	35		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	34		1.4	5	10	ug/L
98-86-2	Acetophenone	31		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	32		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	33		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	34		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		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	32		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.2	2.5	5	ug/L
105-60-2	Caprolactam	31		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	32		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	25		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	35		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SLCS251	SDG No.:	BM012725
Lab Sample ID:	PB166251BS	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
BM049458.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	33		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		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	33		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	31		0.84	5	10	ug/L
83-32-9	Acenaphthene	33		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	28		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	32		1.5	5	10	ug/L
132-64-9	Dibenzofuran	34		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.5	2.5	5	ug/L
86-73-7	Fluorene	35		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		1.6	2.5	5	ug/L
1912-24-9	Atrazine	29		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	29		3.6	5	10	ug/L
85-01-8	Phenanthrene	33		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.5	2.5	5	ug/L
120-12-7	Anthracene	33		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.2	2.5	5	ug/L
86-74-8	Carbazole	33		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	32		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	32		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SLCS251	SDG No.:	BM012725
Lab Sample ID:	PB166251BS	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
BM049458.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		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	33		1.4	2.5	5	ug/L
218-01-9	Chrysene	34		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	27		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	34		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	37		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	38		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	7.182		15-120		90	SPK: -8
7291-22-7	Pyridine-d5	33.586		20-120		84	SPK: -40
4165-62-2	Phenol-d5	35.085		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.581		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.398		20-130		88	SPK: -40
190780-66-6	4-Methylphenol-d8	33.495		25-125		84	SPK: -40
4165-60-0	Nitrobenzene-d5	33.02		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.096		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.083		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.498		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.493		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	33.626		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.854		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	34.427		25-125		86	SPK: -40

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SLCS251	SDG No.:	BM012725
Lab Sample ID:	PB166251BS	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
BM049458.D	1	1/23/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166251

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.247		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	33.394		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	32.292		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.84		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144355	7.516				
1146-65-2	Naphthalene-d8	554528	10.275				
15067-26-2	Acenaphthene-d10	383480	14.157				
1517-22-2	Phenanthrene-d10	811079	16.904				
1719-03-5	Chrysene-d12	774804	21.139				
1520-96-3	Perylene-d12	758984	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/24/2025 12:00:00 AM
Project:		Date Received:	1/24/2025 12:00:00 AM
Client Sample ID:	SLCS231	SDG No.:	BM012725
Lab Sample ID:	PB166231BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049459.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13000		390	200	2000	ug/Kg
100-52-7	Benzaldehyde	26000		2200	2500	9900	ug/Kg
110-86-1	Pyridine	32000		1300	4900	9900	ug/Kg
108-95-2	Phenol	33000		990	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34000		910	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	34000		870	1300	5000	ug/Kg
95-48-7	2-Methylphenol	32000		940	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35000		760	2500	9900	ug/Kg
98-86-2	Acetophenone	33000		1100	2500	9900	ug/Kg
106-44-5	4-Methylphenol	32000		860	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34000		750	1300	5000	ug/Kg
67-72-1	Hexachloroethane	34000		570	1300	5000	ug/Kg
98-95-3	Nitrobenzene	36000		940	1300	5000	ug/Kg
78-59-1	Isophorone	34000		900	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	34000		1100	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	27000		840	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34000		1100	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	34000		1300	1300	5000	ug/Kg
91-20-3	Naphthalene	34000		960	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	25000		1300	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	35000		1100	1300	5000	ug/Kg
105-60-2	Caprolactam	32000		2700	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34000		880	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	34000		1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	34000		1200	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26000		2400	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33000		1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34000		1400	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	1/24/2025 12:00:00 AM
Project:		Date Received:	1/24/2025 12:00:00 AM
Client Sample ID:	SLCS231	SDG No.:	BM012725
Lab Sample ID:	PB166231BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049459.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35000		1400	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	36000		1400	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	37000		670	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	35000		1300	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	37000		730	1300	5000	ug/Kg
208-96-8	Acenaphthylene	36000		1400	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	35000		670	2500	9900	ug/Kg
83-32-9	Acenaphthene	35000		1300	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	30000		3000	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	35000		1300	2500	9900	ug/Kg
132-64-9	Dibenzofuran	35000		1400	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	37000		870	1300	5000	ug/Kg
84-66-2	Diethylphthalate	36000		1800	1300	5000	ug/Kg
86-73-7	Fluorene	37000		1400	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36000		1600	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	41000		1100	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	33000		480	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35000		1300	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35000		1500	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36000		1300	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	35000		1500	1300	5000	ug/Kg
1912-24-9	Atrazine	11000		920	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	26000		2500	2500	9900	ug/Kg
85-01-8	Phenanthrene	36000		1400	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	32000		1600	1300	5000	ug/Kg
120-12-7	Anthracene	35000		1400	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35000		1100	1300	5000	ug/Kg
86-74-8	Carbazole	36000		1500	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	36000		1400	1300	5000	ug/Kg
206-44-0	Fluoranthene	34000		1300	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	1/24/2025 12:00:00 AM
Project:		Date Received:	1/24/2025 12:00:00 AM
Client Sample ID:	SLCS231	SDG No.:	BM012725
Lab Sample ID:	PB166231BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049459.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35000		1400	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	35000		1100	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36000		730	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	36000		1300	1300	5000	ug/Kg
218-01-9	Chrysene	37000		1400	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	36000		1500	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	32000		1100	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	36000		1300	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	36000		1600	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	36000		1500	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39000		1200	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39000		1300	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39000		1300	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31000		1200	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.316		15-120		91	SPK: -8
7291-22-7	Pyridine-d5	32.993		20-120		82	SPK: -40
4165-62-2	Phenol-d5	34.378		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.018		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.872		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	32.296		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	35.247		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.516		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.094		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.478		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.303		10-145		91	SPK: -40
93951-97-4	Acenaphthylene-d8	36.81		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.053		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	37.346		20-140		93	SPK: -40

Report of Analysis

Client:		Date Collected:	1/24/2025 12:00:00 AM
Project:		Date Received:	1/24/2025 12:00:00 AM
Client Sample ID:	SLCS231	SDG No.:	BM012725
Lab Sample ID:	PB166231BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049459.D	1	1/24/2025 12:00:00 AM	1/27/2025 12:00:00 AM	PB166231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.929		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	35.746		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	35.25		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.692		10-140		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182787	7.51				
1146-65-2	Naphthalene-d8	696760	10.274				
15067-26-2	Acenaphthene-d10	463374	14.157				
1517-22-2	Phenanthrene-d10	956460	16.903				
1719-03-5	Chrysene-d12	957469	21.138				
1520-96-3	Perylene-d12	920175	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012725

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCZH3ME								
Q1139-06ME	DCZH3ME	Solid	1,1-Biphenyl, 2-methyl-	*	3,300.000	J		
Q1139-06ME	DCZH3ME	Solid	11H-Benzo[a]fluorene	*	3,100.000	J		
Q1139-06ME	DCZH3ME	Solid	11H-Benzo[b]fluorene	*	2,700.000	J		
Q1139-06ME	DCZH3ME	Solid	2-Methyldibenzothiophene	*	3,000.000	J		
Q1139-06ME	DCZH3ME	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	3,800.000	J		
Q1139-06ME	DCZH3ME	Solid	4-(4-Methylphenyl)benzaldehyde	*	2,800.000	J		
Q1139-06ME	DCZH3ME	Solid	4H-Cyclopenta[def]phenanthrene	*	22,000.000	J		
Q1139-06ME	DCZH3ME	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	11,000.000	J		
Q1139-06ME	DCZH3ME	Solid	5H-Indeno[1,2-b]pyridine	*	8,200.000	J		
Q1139-06ME	DCZH3ME	Solid	9,10-Anthracenedione	*	3,500.000	J		
Q1139-06ME	DCZH3ME	Solid	9H-Fluoren-9-one	*	11,000.000	J		
Q1139-06ME	DCZH3ME	Solid	9H-Fluorene, 3-methyl-	*	4,600.000	J		
Q1139-06ME	DCZH3ME	Solid	Anthracene, 1-methyl-	*	6,000.000	J		
Q1139-06ME	DCZH3ME	Solid	Anthracene, 2-methyl-	*	4,100.000	J		
Q1139-06ME	DCZH3ME	Solid	Benzo[e]pyrene	*	4,900.000	J		
Q1139-06ME	DCZH3ME	Solid	Biphenyl	*	15,000.000	J		
Q1139-06ME	DCZH3ME	Solid	Cyclopenta(def)phenanthrenone	*	3,400.000	J		
Q1139-06ME	DCZH3ME	Solid	Dibenzo furan	*	54,000.000	J		
Q1139-06ME	DCZH3ME	Solid	Dibenzofuran, 4-methyl-	*	12,000.000	J		
Q1139-06ME	DCZH3ME	Solid	Naphthalene, 1,7-dimethyl-	*	8,100.000	J		
Q1139-06ME	DCZH3ME	Solid	Naphthalene, 1-ethyl-	*	5,400.000	J		
Q1139-06ME	DCZH3ME	Solid	Naphthalene, 1-phenyl-	*	4,200.000	J		
Q1139-06ME	DCZH3ME	Solid	Naphthalene, 2,3-dimethyl-	*	3,000.000	J		
Q1139-06ME	DCZH3ME	Solid	Naphthalene, 2,6-dimethyl-	*	4,400.000	J		
Q1139-06ME	DCZH3ME	Solid	Naphthalene, 2,7-dimethyl-	*	4,100.000	J		
Q1139-06ME	DCZH3ME	Solid	Naphtho[2,1-b]thiophene	*	20,000.000	J		
Q1139-06ME	DCZH3ME	Solid	Nordiphenamid	*	5,100.000	J		
Q1139-06ME	DCZH3ME	Solid	Phenanthrene, 1-methyl-	*	20,000.000	J		
Q1139-06ME	DCZH3ME	Solid	Phenanthrene, 2,5-dimethyl-	*	2,700.000	J		
Q1139-06ME	DCZH3ME	Solid	Phenanthrene, 2-methyl-	*	13,000.000	J		
Q1139-06ME	DCZH3ME	Solid	Total Alkanes	*	0.000	1600	5700	ug/Kg
Total Tics :				268,400.00				
Q1139-06ME	DCZH3ME	Solid	1-Methylnaphthalene		31,000.000	1400	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	2-Methylnaphthalene		69,000.000	1400	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Acenaphthene		53,000.000	1500	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Acenaphthylene		3,100.000	J 1600	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Anthracene		17,000.000	1600	5700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012725

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-06ME	DCZH3ME	Solid	Benzo(a)anthracene	17,000.000		1500	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Benzo(a)pyrene	5,800.000		1700	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Benzo(b)fluoranthene	11,000.000		1500	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Benzo(g,h,i)perylene	3,200.000	J	1500	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Benzo(k)fluoranthene	4,100.000	J	1800	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Chrysene	15,000.000		1600	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Fluoranthene	110,000.000	E	1500	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Fluorene	41,000.000		1600	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Indeno(1,2,3-cd)pyrene	2,700.000	J	1400	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Naphthalene	220,000.000	E	1100	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Phenanthrene	270,000.000	E	1600	5700	ug/Kg
Q1139-06ME	DCZH3ME	Solid	Pyrene	70,000.000		1600	5700	ug/Kg
Total Svoc :				942,900.00				
Total Concentration:				1,211,300.00				

Client ID : DCZH4ME

Q1139-07ME	DCZH4ME	Solid	11H-Benzo[a]fluorene	*	2,900.000	J		
Q1139-07ME	DCZH4ME	Solid	11H-Benzo[b]fluorene	*	3,000.000	J		
Q1139-07ME	DCZH4ME	Solid	1H-Indene, 2-phenyl-	*	2,500.000	J		
Q1139-07ME	DCZH4ME	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	6,800.000	J		
Q1139-07ME	DCZH4ME	Solid	4H-Cyclopenta[def]phenanthrene	*	13,000.000	J		
Q1139-07ME	DCZH4ME	Solid	5H-Indeno[1,2-b]pyridine	*	6,700.000	J		
Q1139-07ME	DCZH4ME	Solid	9H-Fluoren-3-ol	*	8,000.000	J		
Q1139-07ME	DCZH4ME	Solid	9H-Fluoren-9-one	*	2,800.000	J		
Q1139-07ME	DCZH4ME	Solid	9H-Fluorene, 3-methyl-	*	3,300.000	J		
Q1139-07ME	DCZH4ME	Solid	Anthracene, 1-methyl-	*	3,100.000	J		
Q1139-07ME	DCZH4ME	Solid	Biphenyl	*	9,400.000	J		
Q1139-07ME	DCZH4ME	Solid	Dibenzo furan	*	32,000.000	J		
Q1139-07ME	DCZH4ME	Solid	Dibenzothiophene	*	10,000.000	J		
Q1139-07ME	DCZH4ME	Solid	Naphthalene, 1-ethyl-	*	3,100.000	J		
Q1139-07ME	DCZH4ME	Solid	Naphthalene, 2,3-dimethyl-	*	4,700.000	J		
Q1139-07ME	DCZH4ME	Solid	Naphthalene, 2,6-dimethyl-	*	3,000.000	J		
Q1139-07ME	DCZH4ME	Solid	Naphthalene, 2-phenyl-	*	5,800.000	J		
Q1139-07ME	DCZH4ME	Solid	Nordiphenamid	*	3,500.000	J		
Q1139-07ME	DCZH4ME	Solid	Phenanthrene, 1-methyl-	*	6,400.000	J		
Q1139-07ME	DCZH4ME	Solid	Phenanthrene, 2-methyl-	*	10,000.000	J		
Q1139-07ME	DCZH4ME	Solid	Total Alkanes	*	0.000	1600	5700	ug/Kg
Total Tics :				140,000.00				
Q1139-07ME	DCZH4ME	Solid	1-Methylnaphthalene		14,000.000	1400	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	2-Methylnaphthalene		31,000.000	1400	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Acenaphthene		31,000.000	1500	5700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012725

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-07ME	DCZH4ME	Solid	Anthracene	12,000.000		1600	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Benzo(a)anthracene	8,400.000		1500	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Benzo(a)pyrene	2,100.000	J	1700	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Benzo(b)fluoranthene	3,800.000	J	1500	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Chrysene	7,000.000		1600	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Fluoranthene	60,000.000		1500	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Fluorene	30,000.000		1600	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Naphthalene	92,000.000	E	1100	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Phenanthrene	140,000.000	E	1600	5700	ug/Kg
Q1139-07ME	DCZH4ME	Solid	Pyrene	37,000.000		1600	5700	ug/Kg
Total Svoc :				468,300.00				
Total Concentration:				608,300.00				
Client ID : DCZH5ME								
Q1139-08ME	DCZH5ME	Solid	(DEL) Alkane: Straight-Chain4.14 *	3,500.000	J			
Q1139-08ME	DCZH5ME	Solid	(DEL) Alkane: Straight-Chain7.14 *	7,000.000	J			
Q1139-08ME	DCZH5ME	Solid	(DEL) Alkane: Straight-Chain8.72 *	6,800.000	J			
Q1139-08ME	DCZH5ME	Solid	1(2H)-Acenaphthylenone *	3,000.000	J			
Q1139-08ME	DCZH5ME	Solid	1-Isopropenylnaphthalene *	2,500.000	J			
Q1139-08ME	DCZH5ME	Solid	11H-Benzo[b]fluorene *	3,900.000	J			
Q1139-08ME	DCZH5ME	Solid	4H-Cyclopenta[def]phenanthrene *	16,000.000	J			
Q1139-08ME	DCZH5ME	Solid	5H-Indeno[1,2-b]pyridine *	15,000.000	J			
Q1139-08ME	DCZH5ME	Solid	9H-Fluorene, 3-methyl- *	2,500.000	J			
Q1139-08ME	DCZH5ME	Solid	Acridine *	2,600.000	J			
Q1139-08ME	DCZH5ME	Solid	Anthracene, 2-methyl- *	6,700.000	J			
Q1139-08ME	DCZH5ME	Solid	Benzophenone *	6,000.000	J			
Q1139-08ME	DCZH5ME	Solid	Biphenyl *	3,000.000	J			
Q1139-08ME	DCZH5ME	Solid	Dibenzo furan *	13,000.000	J			
Q1139-08ME	DCZH5ME	Solid	Dibenzofuran, 4-methyl- *	4,100.000	J			
Q1139-08ME	DCZH5ME	Solid	Dibenzothiophene *	6,600.000	J			
Q1139-08ME	DCZH5ME	Solid	Naphthalene, 1,3-dimethyl- *	2,500.000	J			
Q1139-08ME	DCZH5ME	Solid	Naphthalene, 2,6-dimethyl- *	2,600.000	J			
Q1139-08ME	DCZH5ME	Solid	Naphthalene, 2-phenyl- *	2,600.000	J			
Q1139-08ME	DCZH5ME	Solid	Phenanthrene, 1-methyl- *	3,000.000	J			
Q1139-08ME	DCZH5ME	Solid	Phenanthrene, 2-methyl- *	2,700.000	J			
Q1139-08ME	DCZH5ME	Solid	Pyrene, 1-methyl- *	4,400.000	J			
Q1139-08ME	DCZH5ME	Solid	Total Alkanes	17,000.000		1600	5700	ug/Kg
Total Tics :				137,000.00				
Q1139-08ME	DCZH5ME	Solid	1-Methylnaphthalene	2,500.000	J	1400	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	2-Methylnaphthalene	5,300.000	J	1400	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Acenaphthene	27,000.000		1500	5700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012725

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1139-08ME	DCZH5ME	Solid	Anthracene	61,000.000		1600	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Benzo(a)anthracene	8,700.000		1500	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Benzo(a)pyrene	3,200.000	J	1700	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Benzo(b)fluoranthene	7,100.000		1500	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Benzo(k)fluoranthene	2,000.000	J	1800	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Chrysene	10,000.000		1600	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Fluoranthene	66,000.000		1500	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Fluorene	21,000.000		1600	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Naphthalene	6,700.000		1100	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Phenanthrene	53,000.000		1600	5700	ug/Kg
Q1139-08ME	DCZH5ME	Solid	Pyrene	44,000.000		1600	5700	ug/Kg
Total Svoc :				317,500.00				
Total Concentration:				454,500.00				

Client ID : DCZH9ME

Q1139-12ME	DCZH9ME	Solid	(3H)Benzo[c]pyrrole, 3-methyl-3-	*	2,400.000	J		
Q1139-12ME	DCZH9ME	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	9,200.000	J		
Q1139-12ME	DCZH9ME	Solid	1-Isopropenylnaphthalene	*	2,500.000	J		
Q1139-12ME	DCZH9ME	Solid	11H-Benzo[a]fluorene	*	7,200.000	J		
Q1139-12ME	DCZH9ME	Solid	11H-Benzo[b]fluorene	*	7,700.000	J		
Q1139-12ME	DCZH9ME	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	2,400.000	J		
Q1139-12ME	DCZH9ME	Solid	4-(4-Methylphenyl)benzaldehyde	*	4,400.000	J		
Q1139-12ME	DCZH9ME	Solid	4H-Cyclopenta[def]phenanthrene	*	37,000.000	J		
Q1139-12ME	DCZH9ME	Solid	6H-Dibenzo[b,d]-pyran	*	7,300.000	J		
Q1139-12ME	DCZH9ME	Solid	9,10-Anthracenedione	*	2,400.000	J		
Q1139-12ME	DCZH9ME	Solid	9H-Fluorene, 1-methyl-	*	5,200.000	J		
Q1139-12ME	DCZH9ME	Solid	9H-Fluorene, 3-methyl-	*	2,400.000	J		
Q1139-12ME	DCZH9ME	Solid	Anthracene, 2-methyl-	*	3,600.000	J		
Q1139-12ME	DCZH9ME	Solid	Benzo[b]naphtho[2,3-d]furan	*	3,100.000	J		
Q1139-12ME	DCZH9ME	Solid	Benzo[e]pyrene	*	4,400.000	J		
Q1139-12ME	DCZH9ME	Solid	Dibenzo furan	*	17,000.000	J		
Q1139-12ME	DCZH9ME	Solid	Dibenzothiophene	*	12,000.000	J		
Q1139-12ME	DCZH9ME	Solid	Dibenzothiophene, 4-methyl-	*	2,400.000	J		
Q1139-12ME	DCZH9ME	Solid	Naphthalene, 1-phenyl-	*	3,900.000	J		
Q1139-12ME	DCZH9ME	Solid	Naphthalene, 2-phenyl-	*	9,700.000	J		
Q1139-12ME	DCZH9ME	Solid	Phenanthrene, 1-methyl-	*	18,000.000	J		
Q1139-12ME	DCZH9ME	Solid	Phenanthrene, 2,5-dimethyl-	*	3,700.000	J		
Q1139-12ME	DCZH9ME	Solid	Phenanthrene, 2-methyl-	*	13,000.000	J		
Q1139-12ME	DCZH9ME	Solid	Pyrene, 1-methyl-	*	3,500.000	J		
Q1139-12ME	DCZH9ME	Solid	Pyrene, 4-methyl-	*	2,900.000	J		
Q1139-12ME	DCZH9ME	Solid	Total Alkanes	*	0.000	1600	5800	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM012725

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	187,300.00				
Q1139-12ME	DCZH9ME	Solid	1-Methylnaphthalene	2,100.000	J	1400	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Acenaphthene	32,000.000		1500	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Anthracene	15,000.000		1600	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Benzo(a)anthracene	16,000.000		1500	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Benzo(a)pyrene	4,800.000	J	1700	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Benzo(b)fluoranthene	11,000.000		1500	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Benzo(g,h,i)perylene	1,900.000	J	1500	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Benzo(k)fluoranthene	3,900.000	J	1900	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Chrysene	21,000.000		1600	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Fluoranthene	160,000.000	E	1500	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Fluorene	30,000.000		1600	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Indeno(1,2,3-cd)pyrene	1,700.000	J	1400	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Phenanthrene	140,000.000	E	1600	5800	ug/Kg
Q1139-12ME	DCZH9ME	Solid	Pyrene	94,000.000	E	1600	5800	ug/Kg
			Total Svoc :	533,400.00				
			Total Concentration:	720,700.00				
Client ID : XA178								
Q1148-09	XA178	Water	Benzene, 1,2,3-trichloro-	*	87.000	J		
Q1148-09	XA178	Water	Benzene, 1,4-dichloro-	*	51.000	J		
Q1148-09	XA178	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :	138.00				
Q1148-09	XA178	Water	2,2-oxybis(1-Chloropropane)		28.000	1.4	10	ug/L
Q1148-09	XA178	Water	2,4-Dinitrotoluene		180.000	E 1.1	5	ug/L
Q1148-09	XA178	Water	2,6-Dinitrotoluene		90.000	E 1.1	5	ug/L
Q1148-09	XA178	Water	4-Chlorophenyl-phenylether		79.000	1.6	5	ug/L
Q1148-09	XA178	Water	Acenaphthylene		42.000	1.5	5	ug/L
Q1148-09	XA178	Water	Benzo(a)anthracene		39.000	1.4	5	ug/L
Q1148-09	XA178	Water	Benzo(a)pyrene		30.000	1.5	5	ug/L
Q1148-09	XA178	Water	Benzo(b)fluoranthene		39.000	1.6	5	ug/L
Q1148-09	XA178	Water	Bis(2-Chloroethoxy)methane		110.000	E 1.5	5	ug/L
Q1148-09	XA178	Water	Bis(2-Chloroethyl)ether		150.000	1.4	10	ug/L
Q1148-09	XA178	Water	Butylbenzylphthalate		59.000	1.5	5	ug/L
Q1148-09	XA178	Water	Chrysene		43.000	1.5	5	ug/L
Q1148-09	XA178	Water	Di-n-butylphthalate		130.000	E 1.7	5	ug/L
Q1148-09	XA178	Water	Di-n-octyl phthalate		94.000	1.4	10	ug/L
Q1148-09	XA178	Water	Dibenzo(a,h)anthracene		40.000	1.4	5	ug/L
Q1148-09	XA178	Water	Diethylphthalate		100.000	E 1.5	5	ug/L
Q1148-09	XA178	Water	Fluorene		38.000	1.5	5	ug/L
Q1148-09	XA178	Water	Hexachlorobenzene		53.000	1.6	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM012725

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Q1148-09	XA178	Water	Hexachlorobutadiene	73.000		1.2	5	ug/L
Q1148-09	XA178	Water	Hexachlorocyclopentadiene	210.000	E	3.3	10	ug/L
Q1148-09	XA178	Water	Hexachloroethane	110.000	E	1.1	5	ug/L
Q1148-09	XA178	Water	Indeno(1,2,3-cd)pyrene	45.000		1.4	5	ug/L
Q1148-09	XA178	Water	Isophorone	160.000	E	1.4	5	ug/L
Q1148-09	XA178	Water	N-Nitroso-di-n-propylamine	24.000		1.6	5	ug/L
Q1148-09	XA178	Water	Nitrobenzene	49.000		1.4	5	ug/L
Q1148-09	XA178	Water	Phenanthrene	34.000		1.6	5	ug/L
Q1148-09	XA178	Water	Pyrene	38.000		1.7	5	ug/L
Total Svoc :				2,087.00				
Total Concentration:				2,225.00				
Client ID :	XA178DL							
Q1148-09DL	XA178DL	Water	Benzene, 1,3,5-trichloro-	*	90.000	JD		
Q1148-09DL	XA178DL	Water	Benzene, 1,3-dichloro-	*	52.000	JD		
Q1148-09DL	XA178DL	Water	Total Alkanes	*	0.000	D 8.5	25	ug/L
Total Tics :				142.00				
Q1148-09DL	XA178DL	Water	2,2-oxybis(1-Chloropropane)		30.000	JD 7	50	ug/L
Q1148-09DL	XA178DL	Water	2,4-Dinitrotoluene		150.000	D 5.5	25	ug/L
Q1148-09DL	XA178DL	Water	2,6-Dinitrotoluene		71.000	D 5.5	25	ug/L
Q1148-09DL	XA178DL	Water	4-Chlorophenyl-phenylether		77.000	D 8	25	ug/L
Q1148-09DL	XA178DL	Water	Acenaphthylene		41.000	D 7.5	25	ug/L
Q1148-09DL	XA178DL	Water	Benzo(a)anthracene		37.000	D 7	25	ug/L
Q1148-09DL	XA178DL	Water	Benzo(a)pyrene		27.000	D 7.5	25	ug/L
Q1148-09DL	XA178DL	Water	Benzo(b)fluoranthene		36.000	D 8	25	ug/L
Q1148-09DL	XA178DL	Water	Bis(2-Chloroethoxy)methane		100.000	D 7.5	25	ug/L
Q1148-09DL	XA178DL	Water	Bis(2-Chloroethyl)ether		150.000	D 7	50	ug/L
Q1148-09DL	XA178DL	Water	Butylbenzylphthalate		48.000	D 7.5	25	ug/L
Q1148-09DL	XA178DL	Water	Chrysene		42.000	D 7.5	25	ug/L
Q1148-09DL	XA178DL	Water	Di-n-butylphthalate		110.000	D 8.5	25	ug/L
Q1148-09DL	XA178DL	Water	Di-n-octyl phthalate		69.000	D 7	50	ug/L
Q1148-09DL	XA178DL	Water	Dibenzo(a,h)anthracene		36.000	D 7	25	ug/L
Q1148-09DL	XA178DL	Water	Diethylphthalate		97.000	D 7.5	25	ug/L
Q1148-09DL	XA178DL	Water	Fluorene		35.000	D 7.5	25	ug/L
Q1148-09DL	XA178DL	Water	Hexachlorobenzene		51.000	D 8	25	ug/L
Q1148-09DL	XA178DL	Water	Hexachlorobutadiene		75.000	D 6	25	ug/L
Q1148-09DL	XA178DL	Water	Hexachlorocyclopentadiene		180.000	D 16.5	50	ug/L
Q1148-09DL	XA178DL	Water	Hexachloroethane		110.000	D 5.5	25	ug/L
Q1148-09DL	XA178DL	Water	Indeno(1,2,3-cd)pyrene		42.000	D 7	25	ug/L
Q1148-09DL	XA178DL	Water	Isophorone		150.000	D 7	25	ug/L
Q1148-09DL	XA178DL	Water	N-Nitroso-di-n-propylamine		24.000	JD 8	25	ug/L

Hit Summary Sheet SW-846

SDG No.: BM012725

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Q1148-09DL	XA178DL	Water	Nitrobenzene	49.000	D	7	25	ug/L
Q1148-09DL	XA178DL	Water	Phenanthrene	33.000	D	8	25	ug/L
Q1148-09DL	XA178DL	Water	Pyrene	37.000	D	8.5	25	ug/L
Total Svoc :				1,907.00				
Total Concentration:				2,049.00				
Client ID : E2941								
Q1174-11	E2941	Water	Benzeneacetic acid	*	57.000	J		
Q1174-11	E2941	Water	Benzoic acid	*	65.000	J		
Q1174-11	E2941	Water	Benzoic acid, 3,5-bis(1,1-dimethy	*	4.000	J		
Q1174-11	E2941	Water	Benzophenone	*	3.600	J		
Q1174-11	E2941	Water	Butanoic acid, 3-methyl-	*	24.000	J		
Q1174-11	E2941	Water	Ethanol, 2-(2-butoxyethoxy)-	*	7.300	J		
Q1174-11	E2941	Water	Hexanoic acid	*	4.300	J		
Q1174-11	E2941	Water	Hexanoic acid, 2-ethyl-	*	31.000	J		
Q1174-11	E2941	Water	Hexanoic acid, 3,5,5-trimethyl-	*	5.000	J		
Q1174-11	E2941	Water	n-Hexadecanoic acid	*	3.300	J		
Q1174-11	E2941	Water	Pentanoic acid, 2-methyl-	*	22.000	J		
Q1174-11	E2941	Water	Phenol, 4,4-(1-methylethylidene)t	*	2.700	J		
Q1174-11	E2941	Water	Salicylic acid	*	2.300	J		
Q1174-11	E2941	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
Total Tics :				231.50				
Q1174-11	E2941	Water	1,4-Dioxane		3.400	0.5	2	ug/L
Q1174-11	E2941	Water	Phenol		11.000	1.4	10	ug/L
Total Svoc :				14.40				
Total Concentration:				245.90				
Client ID : E2942								
Q1174-12	E2942	Water	Hexathiane	*	4.500	J		
Q1174-12	E2942	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :				4.50				
Total Concentration:				4.50				
Client ID : E2943								
Q1174-13	E2943	Water	Ethanol, 2-(2-butoxyethoxy)-	*	11.000	J		
Q1174-13	E2943	Water	Hexathiane	*	10.000	J		
Q1174-13	E2943	Water	n-Hexadecanoic acid	*	2.100	J		
Q1174-13	E2943	Water	Octadecanoic acid	*	2.400	J		
Q1174-13	E2943	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
Total Tics :				25.50				
Total Concentration:				25.50				



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

Hit Summary Sheet
SW-846

SDG No.: BM012725

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
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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

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.



6C

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.: BM012725 SAS No.: BM012725 SDG NO.: BM012725

EPA Sample No.: SSTD020008 Date Analyzed: Jan 27 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 10:30

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 SBLK251	159092	7.52	555467	10.28	346628 *	14.16
02 XA178	164399	7.52	596914	10.28	383111	14.16
03 XA178DL	159883	7.52	575537	10.28	371025 *	14.16
04 E2941	162575	7.52	618238	10.28	440999	14.16
05 E2942	150621	7.52	540685	10.28	340417 *	14.15
06 SBLK231	151523	7.52	529635	10.28	329963 *	14.16
07 SBLK251	164384	7.52	576712	10.28	370092 *	14.16
08 DCZH3ME	128730	7.52	469936 *	10.28	315529 *	14.15
09 DCZH4ME	166555	7.52	600475	10.27	377341	14.15
10 DCZH5ME	136658	7.51	489832 *	10.28	306326 *	14.15
11 DCZH9ME	180085	7.52	653225	10.28	416918	14.15
12 E2943	174024	7.51	647338	10.28	424907	14.15
13 SLCS251	144355	7.52	554528	10.28	383480	14.16
14 SLCS231	182787	7.51	696760	10.27	463374	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.: BM012725 SAS No.: BM012725 SDG NO.: BM012725

EPA Sample No.: SSTD020076 Date Analyzed: Jan 27 2025 12:00AM

Lab File ID: BM049444.D Time Analyzed: 10:30

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	170871	7.516	646480	10.28	440594	14.15
UPPER LIMIT	341742	8.016	1292960	10.775	881188	14.651
LOWER LIMIT	85435.5	7.016	323240	9.775	220297	13.651
EPA SAMPLE NO.						
01 SBLK251	159092	7.52	555467	10.28	346628	14.16
02 XA178	164399	7.52	596914	10.28	383111	14.16
03 XA178DL	159883	7.52	575537	10.28	371025	14.16
04 E2941	162575	7.52	618238	10.28	440999	14.16
05 E2942	150621	7.52	540685	10.28	340417	14.15

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.: BM012725 SAS No.: BM012725 SDG NO.: BM012725

EPA Sample No.: SSTD020077 Date Analyzed: Jan 27 2025 12:00AM

Lab File ID: BM049450.D Time Analyzed: 16:44

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	168390	7.516	599340	10.28	378267	14.16
UPPER LIMIT	336780	8.016	1198680	10.775	756534	14.657
LOWER LIMIT	84195	7.016	299670	9.775	189133.5	13.657
EPA SAMPLE NO.						
01 SBLK231	151523	7.52	529635	10.28	329963	14.16
02 SBLK251	164384	7.52	576712	10.28	370092	14.16
03 DCZH3ME	128730	7.52	469936	10.28	315529	14.15
04 DCZH4ME	166555	7.52	600475	10.27	377341	14.15
05 DCZH5ME	136658	7.51	489832	10.28	306326	14.15
06 DCZH9ME	180085	7.52	653225	10.28	416918	14.15
07 E2943	174024	7.51	647338	10.28	424907	14.15
08 SLCS251	144355	7.52	554528	10.28	383480	14.16
09 SLCS231	182787	7.51	696760	10.27	463374	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.: BM012725 SAS No.: BM012725 SDG NO.: BM012725

EPA Sample No.: SSTD020008 Date Analyzed: Jan 27 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 10:30

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.						
01 SBLK251	720137 *	16.90	685024 *	21.13	741578	23.92
02 XA178	789317	16.91	811963	21.14	785589	23.92
03 XA178DL	773913	16.91	780116	21.14	812901	23.92
04 E2941	974242	16.90	986695	21.14	1.02115e+01	23.92
05 E2942	704908 *	16.91	689820 *	21.13	731396	23.92
06 SBLK231	672799 *	16.90	619555 *	21.14	668919	23.92
07 SBLK251	774804	16.90	745214	21.14	817078	23.92
08 DCZH3ME	671362 *	16.91	771659	21.13	769857	23.92
09 DCZH4ME	763343 *	16.91	783389	21.13	806433	23.92
10 DCZH5ME	634925 *	16.90	667428 *	21.13	675164	23.92
11 DCZH9ME	870839	16.91	998346	21.14	1.0455e+01	23.92
12 E2943	879844	16.90	833747	21.14	876961	23.92
13 SLCS251	811079	16.90	774804	21.14	758984	23.92
14 SLCS231	956460	16.90	957469	21.14	920175	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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012725 SAS No.: BM012725 SDG NO.: BM012725

EPA Sample No.: SSTD020076 Date Analyzed: Jan 27 2025 12:00AM

Lab File ID: BM049444.D Time Analyzed: 10:30

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	922229	16.904	941202	21.133	951691	23.915
UPPER LIMIT	1844458	17.404	1882404	21.633	1903382	24.415
LOWER LIMIT	461114.5	16.404	470601	20.633	475845.5	23.415
EPA SAMPLE NO.						
01 SBLK251	720137	16.90	685024	21.13	741578	23.92
02 XA178	789317	16.91	811963	21.14	785589	23.92
03 XA178DL	773913	16.91	780116	21.14	812901	23.92
04 E2941	974242	16.90	986695	21.14	1.02115e+	23.92
05 E2942	704908	16.91	689820	21.13	731396	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.: BM012725 SAS No.: BM012725 SDG NO.: BM012725

EPA Sample No.: SSTD020077 Date Analyzed: Jan 27 2025 12:00AM

Lab File ID: BM049450.D Time Analyzed: 16:44

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	760984	16.91	776243	21.139	787025	23.915
UPPER LIMIT	1521968	17.41	1552486	21.639	1574050	24.415
LOWER LIMIT	380492	16.41	388121.5	20.639	393512.5	23.415
EPA SAMPLE NO.						
01 SBLK231	672799	16.90	619555	21.14	668919	23.92
02 SBLK251	774804	16.90	745214	21.14	817078	23.92
03 DCZH3ME	671362	16.91	771659	21.13	769857	23.92
04 DCZH4ME	763343	16.91	783389	21.13	806433	23.92
05 DCZH5ME	634925	16.90	667428	21.13	675164	23.92
06 DCZH9ME	870839	16.91	998346	21.14	1.0455e+0	23.92
07 E2943	879844	16.90	833747	21.14	876961	23.92
08 SLCS251	811079	16.90	774804	21.14	758984	23.92
09 SLCS231	956460	16.90	957469	21.14	920175	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.: BM012725

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166231BS	1,4-Dioxane	15800	13000	ug/Kg	82				0	0		
	Benzaldehyde	39600	26000	ug/Kg	66				0	0		
	Pyridine	39600	32000	ug/Kg	81				0	0		
	Phenol	39600	33000	ug/Kg	83				0	0		
	Bis(2-chloroethyl)ether	39600	34000	ug/Kg	86				0	0		
	2-Chlorophenol	39600	34000	ug/Kg	86				0	0		
	2-Methylphenol	39600	32000	ug/Kg	81				0	0		
	2,2-oxybis(1-Chloropropane)	39600	35000	ug/Kg	88				0	0		
	Acetophenone	39600	33000	ug/Kg	83				0	0		
	4-Methylphenol	39600	32000	ug/Kg	81				0	0		
	N-Nitroso-di-n-propylamine	39600	34000	ug/Kg	86				0	0		
	Hexachloroethane	39600	34000	ug/Kg	86				0	0		
	Nitrobenzene	39600	36000	ug/Kg	91				0	0		
	Isophorone	39600	34000	ug/Kg	86				0	0		
	2-Nitrophenol	39600	34000	ug/Kg	86				0	0		
	2,4-Dimethylphenol	39600	27000	ug/Kg	68				0	0		
	Bis(2-chloroethoxy)methane	39600	34000	ug/Kg	86				0	0		
	2,4-Dichlorophenol	39600	34000	ug/Kg	86				0	0		
	Naphthalene	39600	34000	ug/Kg	86				0	0		
	4-Chloroaniline	39600	25000	ug/Kg	63				0	0		
	Hexachlorobutadiene	39600	35000	ug/Kg	88				0	0		
	Caprolactam	39600	32000	ug/Kg	81				0	0		
	4-Chloro-3-methylphenol	39600	34000	ug/Kg	86				0	0		
	1-Methylnaphthalene	39600	34000	ug/Kg	86				0	0		
	2-Methylnaphthalene	39600	34000	ug/Kg	86				0	0		
	Hexachlorocyclopentadiene	39600	26000	ug/Kg	66				0	0		
	2,4,6-Trichlorophenol	39600	33000	ug/Kg	83				0	0		
	2,4,5-Trichlorophenol	39600	34000	ug/Kg	86				0	0		
	1,1'-Biphenyl	39600	35000	ug/Kg	88				0	0		
	2-Chloronaphthalene	39600	36000	ug/Kg	91				0	0		
	2-Nitroaniline	39600	37000	ug/Kg	93				0	0		
	Dimethylphthalate	39600	35000	ug/Kg	88				0	0		
	2,6-Dinitrotoluene	39600	37000	ug/Kg	93				0	0		
	Acenaphthylene	39600	36000	ug/Kg	91				0	0		
	3-Nitroaniline	39600	35000	ug/Kg	88				0	0		
	Acenaphthene	39600	35000	ug/Kg	88				0	0		
	2,4-Dinitrophenol	39600	30000	ug/Kg	76				0	0		
	4-Nitrophenol	39600	35000	ug/Kg	88				0	0		
	Dibenzofuran	39600	35000	ug/Kg	88				0	0		
	2,4-Dinitrotoluene	39600	37000	ug/Kg	93				0	0		
	Diethylphthalate	39600	36000	ug/Kg	91				0	0		
	Fluorene	39600	37000	ug/Kg	93				0	0		
	4-Chlorophenyl-phenylether	39600	36000	ug/Kg	91				0	0		
	4-Nitroaniline	39600	41000	ug/Kg	104				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012725

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166231BS	4,6-Dinitro-2-methylphenol	39600	33000	ug/Kg	83				0	0		
	N-Nitrosodiphenylamine	39600	35000	ug/Kg	88				0	0		
	1,2,4,5-Tetrachlorobenzene	39600	35000	ug/Kg	88				0	0		
	4-Bromophenyl-phenylether	39600	36000	ug/Kg	91				0	0		
	Hexachlorobenzene	39600	35000	ug/Kg	88				0	0		
	Atrazine	39600	11000	ug/Kg	28				0	0		
	Pentachlorophenol	39600	26000	ug/Kg	66				0	0		
	Phenanthrene	39600	36000	ug/Kg	91				0	0		
	Pentachlorobenzene	39600	32000	ug/Kg	81				0	0		
	Anthracene	39600	35000	ug/Kg	88				0	0		
	1,2,3,4-Tetrachlorobenzene	39600	35000	ug/Kg	88				0	0		
	Carbazole	39600	36000	ug/Kg	91				0	0		
	Di-n-butylphthalate	39600	36000	ug/Kg	91				0	0		
	Fluoranthene	39600	34000	ug/Kg	86				0	0		
	Pyrene	39600	35000	ug/Kg	88				0	0		
	Butylbenzylphthalate	39600	35000	ug/Kg	88				0	0		
	3,3'-Dichlorobenzidine	39600	36000	ug/Kg	91				0	0		
	Benzo(a)anthracene	39600	36000	ug/Kg	91				0	0		
	Chrysene	39600	37000	ug/Kg	93				0	0		
	Bis(2-ethylhexyl)phthalate	39600	36000	ug/Kg	91				0	0		
	Di-n-octylphthalate	39600	32000	ug/Kg	81				0	0		
	Benzo(b)fluoranthene	39600	36000	ug/Kg	91				0	0		
	Benzo(k)fluoranthene	39600	36000	ug/Kg	91				0	0		
	Benzo(a)pyrene	39600	36000	ug/Kg	91				0	0		
	Indeno(1,2,3-cd)pyrene	39600	39000	ug/Kg	98				0	0		
	Dibenzo(a,h)anthracene	39600	39000	ug/Kg	98				0	0		
	Benzo(g,h,i)perylene	39600	39000	ug/Kg	98				0	0		
	2,3,4,6-Tetrachlorophenol	39600	31000	ug/Kg	78				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012725

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB166251BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	3.4	ug/L	9				0	0	
	Pyridine	40	34	ug/L	85				0	0	
	Phenol	40	35	ug/L	88				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	35	ug/L	88				0	0	
	2-Methylphenol	40	33	ug/L	83				0	0	
	2,2-oxybis(1-Chloropropane)	40	34	ug/L	85				0	0	
	Acetophenone	40	31	ug/L	78				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	32	ug/L	80				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	33	ug/L	83				0	0	
	2,4-Dimethylphenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0	
	2,4-Dichlorophenol	40	36	ug/L	90				0	0	
	Naphthalene	40	32	ug/L	80				0	0	
	4-Chloroaniline	40	16	ug/L	40				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	31	ug/L	78				0	0	
	4-Chloro-3-methylphenol	40	35	ug/L	88				0	0	
	1-Methylnaphthalene	40	32	ug/L	80				0	0	
	2-Methylnaphthalene	40	32	ug/L	80				0	0	
	Hexachlorocyclopentadiene	40	25	ug/L	63				0	0	
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0	
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0	
	1,1'-Biphenyl	40	33	ug/L	83				0	0	
	2-Chloronaphthalene	40	33	ug/L	83				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	33	ug/L	83				0	0	
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0	
	Acenaphthylene	40	33	ug/L	83				0	0	
	3-Nitroaniline	40	31	ug/L	78				0	0	
	Acenaphthene	40	33	ug/L	83				0	0	
	2,4-Dinitrophenol	40	28	ug/L	70				0	0	
	4-Nitrophenol	40	32	ug/L	80				0	0	
	Dibenzofuran	40	34	ug/L	85				0	0	
	2,4-Dinitrotoluene	40	35	ug/L	88				0	0	
	Diethylphthalate	40	34	ug/L	85				0	0	
	Fluorene	40	35	ug/L	88				0	0	
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012725

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166251BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0		
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0		
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0		
	Hexachlorobenzene	40	32	ug/L	80				0	0		
	Atrazine	40	29	ug/L	73				0	0		
	Pentachlorophenol	40	29	ug/L	73				0	0		
	Phenanthrene	40	33	ug/L	83				0	0		
	Pentachlorobenzene	40	31	ug/L	78				0	0		
	Anthracene	40	33	ug/L	83				0	0		
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	Carbazole	40	33	ug/L	83				0	0		
	Di-n-butylphthalate	40	32	ug/L	80				0	0		
	Fluoranthene	40	32	ug/L	80				0	0		
	Pyrene	40	32	ug/L	80				0	0		
	Butylbenzylphthalate	40	31	ug/L	78				0	0		
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0		
	Benzo(a)anthracene	40	33	ug/L	83				0	0		
	Chrysene	40	34	ug/L	85				0	0		
	Bis(2-ethylhexyl)phthalate	40	32	ug/L	80				0	0		
	Di-n-octylphthalate	40	27	ug/L	68				0	0		
	Benzo(b)fluoranthene	40	32	ug/L	80				0	0		
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0		
	Benzo(a)pyrene	40	34	ug/L	85				0	0		
	Indeno(1,2,3-cd)pyrene	40	37	ug/L	93				0	0		
	Dibenzo(a,h)anthracene	40	37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	40	38	ug/L	95				0	0		
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK231

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012725

SAS No.: BM012725 SDG NO.: BM012725

Lab File ID: BM049451.D

Lab Sample ID: PB166231BL

Instrument ID: BNA_M

Date Extracted: 01/24/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/27/2025

Level: (low/med) MED

Time Analyzed: 16:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166231BS	PB166231BS	BM049459.D	01/27/2025
DCZH3ME	Q1139-06ME	BM049453.D	01/27/2025
DCZH4ME	Q1139-07ME	BM049454.D	01/27/2025
DCZH5ME	Q1139-08ME	BM049455.D	01/27/2025
DCZH9ME	Q1139-12ME	BM049456.D	01/27/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK251

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012725

SAS No.: BM012725 SDG NO.: BM012725

Lab File ID: BM049445.D

Lab Sample ID: PB166251BL

Instrument ID: BNA_M

Date Extracted: 01/23/2025

Matrix: (soil/water) Water

Date Analyzed: 01/27/2025

Level: (low/med) LOW

Time Analyzed: 10:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
XA178	Q1148-09	BM049446.D	01/27/2025
E2941	Q1174-11	BM049448.D	01/27/2025
E2942	Q1174-12	BM049449.D	01/27/2025
E2943	Q1174-13	BM049457.D	01/27/2025
PB166251BS	PB166251BS	BM049458.D	01/27/2025

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BM012725

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166231BL	PB166231BL	BM049451.D	1,4-Dioxane-d8	8	7.90	99		15	120
			Pyridine-d5	40	35.16	88		20	120
			Phenol-d5	40	32.56	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.03	83		10	150
			2-Chlorophenol-d4	40	34.52	86		15	120
			4-Methylphenol-d8	40	30.22	76		10	140
			Nitrobenzene-d5	40	34.08	85		10	135
			2-Nitrophenol-d4	40	32.99	82		10	120
			2,4-Dichlorophenol-d3	40	31.86	80		10	140
			4-Chloroaniline-d4	40	29.24	73		1	145
			Dimethylphthalate-d6	40	34.79	87		10	145
			Acenaphthylene-d8	40	35.35	88		15	120
			4-Nitrophenol-d4	40	19.58	49		10	150
			Fluorene-d10	40	35.54	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.27	56		10	130
			Anthracene-d10	40	35.46	89		10	150
			Pyrene-d10	40	36.43	91		10	130
			Benzo(a)pyrene-d12	40	35.40	88		10	140
PB166231BS	PB166231BS	BM049459.D	1,4-Dioxane-d8	8	7.32	91		15	120
			Pyridine-d5	40	32.99	82		20	120
			Phenol-d5	40	34.38	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.02	88		10	150
			2-Chlorophenol-d4	40	34.87	87		15	120
			4-Methylphenol-d8	40	32.30	81		10	140
			Nitrobenzene-d5	40	35.25	88		10	135
			2-Nitrophenol-d4	40	35.52	89		10	120
			2,4-Dichlorophenol-d3	40	36.09	90		10	140
			4-Chloroaniline-d4	40	29.48	74		1	145
			Dimethylphthalate-d6	40	36.30	91		10	145
			Acenaphthylene-d8	40	36.81	92		15	120
			4-Nitrophenol-d4	40	35.05	88		10	150
			Fluorene-d10	40	37.35	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.93	85		10	130
			Anthracene-d10	40	35.75	89		10	150
			Pyrene-d10	40	35.25	88		10	130
			Benzo(a)pyrene-d12	40	37.69	94		10	140
Q1139-06ME	DCZH3ME	BM049453.D	Pyridine-d5	40	23.00	57		20	120
			1,4-Dioxane-d8	8	5.54	69		15	120
			Phenol-d5	40	24.48	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.74	69		10	150
			2-Chlorophenol-d4	40	25.50	64		15	120
			4-Methylphenol-d8	40	24.08	60		10	140
			Nitrobenzene-d5	40	26.42	66		10	135
			2-Nitrophenol-d4	40	26.13	65		10	120
			2,4-Dichlorophenol-d3	40	25.06	63		10	140
			4-Chloroaniline-d4	40	23.35	58		1	145
			Dimethylphthalate-d6	40	28.38	71		10	145
			Acenaphthylene-d8	40	28.91	72		15	120
			4-Nitrophenol-d4	40	16.69	42		10	150

Surrogate Summary

SW-846

SDG No.: **BM012725**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-06ME	DCZH3ME	BM049453.D	Fluorene-d10	40	30.32	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.04	43		10	130
			Anthracene-d10	40	30.20	75		10	150
			Pyrene-d10	40	27.72	69		10	130
			Benzo(a)pyrene-d12	40	30.11	75		10	140
Q1139-07ME	DCZH4ME	BM049454.D	1,4-Dioxane-d8	8	4.99	62		15	120
			Pyridine-d5	40	21.02	53		20	120
			Phenol-d5	40	21.27	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.33	58		10	150
			2-Chlorophenol-d4	40	22.58	56		15	120
			4-Methylphenol-d8	40	20.44	51		10	140
			Nitrobenzene-d5	40	23.12	58		10	135
			2-Nitrophenol-d4	40	21.96	55		10	120
			2,4-Dichlorophenol-d3	40	21.43	54		10	140
			4-Chloroaniline-d4	40	19.78	49		1	145
			Dimethylphthalate-d6	40	24.75	62		10	145
			Acenaphthylene-d8	40	25.07	63		15	120
			4-Nitrophenol-d4	40	14.24	36		10	150
			Fluorene-d10	40	25.91	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.61	34		10	130
			Anthracene-d10	40	25.83	65		10	150
			Pyrene-d10	40	25.21	63		10	130
			Benzo(a)pyrene-d12	40	25.29	63		10	140
Q1139-08ME	DCZH5ME	BM049455.D	1,4-Dioxane-d8	8	5.23	65		15	120
			Pyridine-d5	40	20.92	52		20	120
			Phenol-d5	40	22.89	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.00	62		10	150
			2-Chlorophenol-d4	40	24.20	60		15	120
			4-Methylphenol-d8	40	21.58	54		10	140
			Nitrobenzene-d5	40	25.46	64		10	135
			2-Nitrophenol-d4	40	23.71	59		10	120
			2,4-Dichlorophenol-d3	40	22.66	57		10	140
			4-Chloroaniline-d4	40	20.97	52		1	145
			Dimethylphthalate-d6	40	26.23	66		10	145
			Acenaphthylene-d8	40	27.30	68		15	120
			4-Nitrophenol-d4	40	14.56	36		10	150
			Fluorene-d10	40	27.91	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.14	35		10	130
			Anthracene-d10	40	27.20	68		10	150
			Pyrene-d10	40	26.92	67		10	130
			Benzo(a)pyrene-d12	40	27.78	69		10	140
Q1139-12ME	DCZH9ME	BM049456.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Pyridine-d5	40	17.76	44		20	120
			Phenol-d5	40	19.81	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.37	53		10	150
			2-Chlorophenol-d4	40	20.56	51		15	120
			4-Methylphenol-d8	40	19.08	48		10	140
			Nitrobenzene-d5	40	21.75	54		10	135
			2-Nitrophenol-d4	40	20.45	51		10	120

Surrogate Summary

SW-846

SDG No.: BM012725

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-12ME	DCZH9ME	BM049456.D	2,4-Dichlorophenol-d3	40	19.71	49		10	140
			4-Chloroaniline-d4	40	18.09	45		1	145
			Dimethylphthalate-d6	40	22.36	56		10	145
			Acenaphthylene-d8	40	22.98	57		15	120
			4-Nitrophenol-d4	40	13.16	33		10	150
			Fluorene-d10	40	23.79	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.89	32		10	130
			Anthracene-d10	40	23.42	59		10	150
			Pyrene-d10	40	21.88	55		10	130
			Benzo(a)pyrene-d12	40	23.06	58		10	140

Surrogate Summary

SW-846

SDG No.: BM012725

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166251BL	PB166251BL	BM049452.D	Pyridine-d5	40	31.16	78		20	120
			1,4-Dioxane-d8	8	6.73	84		15	120
		BM049445.D	1,4-Dioxane-d8	8	6.66	83		15	120
			Pyridine-d5	40	30.62	77		20	120
		BM049452.D	Phenol-d5	40	28.87	72		10	130
			Phenol-d5	40	29.51	74		10	130
		BM049445.D	Bis(2-Chloroethyl)ether-d8	40	29.93	75		25	120
			Bis(2-Chloroethyl)ether-d8	40	28.97	72		25	120
		BM049452.D	2-Chlorophenol-d4	40	30.12	75		20	130
			2-Chlorophenol-d4	40	30.34	76		20	130
		BM049445.D	4-Methylphenol-d8	40	27.64	69		25	125
			4-Methylphenol-d8	40	27.03	68		25	125
		BM049452.D	Nitrobenzene-d5	40	29.30	73		20	125
			Nitrobenzene-d5	40	30.22	76		20	125
		BM049445.D	2-Nitrophenol-d4	40	28.51	71		20	130
			2-Nitrophenol-d4	40	28.82	72		20	130
		BM049452.D	2,4-Dichlorophenol-d3	40	27.12	68		20	120
			2,4-Dichlorophenol-d3	40	28.75	72		20	120
		BM049445.D	4-Chloroaniline-d4	40	26.49	66		1	146
			4-Chloroaniline-d4	40	26.31	66		1	146
		BM049452.D	Dimethylphthalate-d6	40	31.28	78		25	130
			Dimethylphthalate-d6	40	30.61	77		25	130
		BM049445.D	Acenaphthylene-d8	40	30.81	77		10	130
			Acenaphthylene-d8	40	31.39	78		10	130
		BM049452.D	4-Nitrophenol-d4	40	18.30	46		10	150
			4-Nitrophenol-d4	40	18.67	47		10	150
		BM049445.D	Fluorene-d10	40	31.74	79		25	125
			Fluorene-d10	40	31.38	78		25	125
		BM049452.D	4,6-Dinitro-2-methylphenol-d2	40	20.18	50		10	130
			4,6-Dinitro-2-methylphenol-d2	40	17.24	43		10	130
		BM049445.D	Anthracene-d10	40	31.34	78		25	130
			Anthracene-d10	40	31.06	78		25	130
		BM049452.D	Pyrene-d10	40	31.00	78		15	130
			Pyrene-d10	40	31.35	78		15	130
		BM049445.D	Benzo(a)pyrene-d12	40	30.37	76		20	130
			Benzo(a)pyrene-d12	40	30.72	77		20	130
PB166251BS	PB166251BS	BM049458.D	Pyridine-d5	40	33.59	84		20	120
			1,4-Dioxane-d8	8	7.18	90		15	120
			Phenol-d5	40	35.09	88		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.58	81		25	120
			2-Chlorophenol-d4	40	35.40	88		20	130
			4-Methylphenol-d8	40	33.50	84		25	125
			Nitrobenzene-d5	40	33.02	83		20	125
			2-Nitrophenol-d4	40	33.10	83		20	130
			2,4-Dichlorophenol-d3	40	36.08	90		20	120
			4-Chloroaniline-d4	40	28.50	71		1	146
			Dimethylphthalate-d6	40	33.49	84		25	130
			Acenaphthylene-d8	40	33.63	84		10	130
			4-Nitrophenol-d4	40	31.85	80		10	150

Surrogate Summary

SW-846

SDG No.: **BM012725**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166251BS	PB166251BS	BM049458.D	Fluorene-d10	40	34.43	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.25	76		10	130
			Anthracene-d10	40	33.39	83		25	130
			Pyrene-d10	40	32.29	81		15	130
			Benzo(a)pyrene-d12	40	33.84	85		20	130
Q1148-09	XA178	BM049446.D	1,4-Dioxane-d8	8	6.82	85		15	120
			Pyridine-d5	40	31.64	79		20	120
			Phenol-d5	40	34.23	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.92	92		25	120
			2-Chlorophenol-d4	40	35.01	88		20	130
			4-Methylphenol-d8	40	33.16	83		25	125
			Nitrobenzene-d5	40	37.53	94		20	125
			2-Nitrophenol-d4	40	37.69	94		20	130
			2,4-Dichlorophenol-d3	40	36.40	91		20	120
			4-Chloroaniline-d4	40	32.26	81		1	146
			Dimethylphthalate-d6	40	40.30	101		25	130
			Acenaphthylene-d8	40	40.80	102		10	130
			4-Nitrophenol-d4	40	29.38	73		10	150
			Fluorene-d10	40	41.48	104		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.77	82		10	130
			Anthracene-d10	40	41.72	104		25	130
			Pyrene-d10	40	39.96	100		15	130
			Benzo(a)pyrene-d12	40	43.93	110		20	130
Q1148-09DL	XA178DL	BM049447.D	1,4-Dioxane-d8	8	7.58	95		15	120
			Pyridine-d5	40	32.64	82		20	120
			Phenol-d5	40	32.79	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.86	97		25	120
			2-Chlorophenol-d4	40	34.18	85		20	130
			4-Methylphenol-d8	40	30.55	76		25	125
			Nitrobenzene-d5	40	33.57	84		20	125
			2-Nitrophenol-d4	40	30.47	76		20	130
			2,4-Dichlorophenol-d3	40	30.51	76		20	120
			4-Chloroaniline-d4	40	25.96	65		1	146
			Dimethylphthalate-d6	40	39.44	99		25	130
			Acenaphthylene-d8	40	38.83	97		10	130
			4-Nitrophenol-d4	40	18.38	46		10	150
			Fluorene-d10	40	40.61	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.95	47		10	130
			Anthracene-d10	40	39.91	100		25	130
			Pyrene-d10	40	38.96	97		15	130
			Benzo(a)pyrene-d12	40	38.69	97		20	130
Q1174-11	E2941	BM049448.D	1,4-Dioxane-d8	8	5.30	66		15	120
			Pyridine-d5	40	7.98	20		20	120
			Phenol-d5	40	9.59	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.72	67		25	120
			2-Chlorophenol-d4	40	30.29	76		20	130
			4-Methylphenol-d8	40	20.70	52		25	125
			Nitrobenzene-d5	40	25.15	63		20	125
			2-Nitrophenol-d4	40	32.27	81		20	130

Surrogate Summary

SW-846

SDG No.: BM012725

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1174-11	E2941	BM049448.D	2,4-Dichlorophenol-d3	40	33.97	85		20	120
			4-Chloroaniline-d4	40	15.69	39		1	146
			Dimethylphthalate-d6	40	27.13	68		25	130
			Acenaphthylene-d8	40	27.12	68		10	130
			4-Nitrophenol-d4	40	9.16	23		10	150
			Fluorene-d10	40	28.42	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.39	76		10	130
			Anthracene-d10	40	27.72	69		25	130
			Pyrene-d10	40	26.50	66		15	130
			Benzo(a)pyrene-d12	40	21.67	54		20	130
Q1174-12	E2942	BM049449.D	1,4-Dioxane-d8	8	6.06	76		15	120
			Pyridine-d5	40	9.49	24		20	120
			Phenol-d5	40	7.85	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.05	90		25	120
			2-Chlorophenol-d4	40	31.02	78		20	130
			4-Methylphenol-d8	40	19.16	48		25	125
			Nitrobenzene-d5	40	37.38	93		20	125
			2-Nitrophenol-d4	40	36.63	92		20	130
			2,4-Dichlorophenol-d3	40	33.94	85		20	120
			4-Chloroaniline-d4	40	27.13	68		1	146
			Dimethylphthalate-d6	40	41.00	102		25	130
			Acenaphthylene-d8	40	40.49	101		10	130
			4-Nitrophenol-d4	40	4.78	12		10	150
			Fluorene-d10	40	42.42	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.44	79		10	130
			Anthracene-d10	40	42.79	107		25	130
			Pyrene-d10	40	43.79	109		15	130
			Benzo(a)pyrene-d12	40	43.22	108		20	130
Q1174-13	E2943	BM049457.D	1,4-Dioxane-d8	8	4.97	62		15	120
			Pyridine-d5	40	4.48	11	*	20	120
			Phenol-d5	40	7.67	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.85	87		25	120
			2-Chlorophenol-d4	40	30.02	75		20	130
			4-Methylphenol-d8	40	19.01	48		25	125
			Nitrobenzene-d5	40	35.23	88		20	125
			2-Nitrophenol-d4	40	35.02	88		20	130
			2,4-Dichlorophenol-d3	40	33.35	83		20	120
			4-Chloroaniline-d4	40	24.32	61		1	146
			Dimethylphthalate-d6	40	38.49	96		25	130
			Acenaphthylene-d8	40	37.27	93		10	130
			4-Nitrophenol-d4	40	4.74	12		10	150
			Fluorene-d10	40	40.21	101		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.28	78		10	130
			Anthracene-d10	40	41.82	105		25	130
			Pyrene-d10	40	43.81	110		15	130
			Benzo(a)pyrene-d12	40	41.98	105		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM012725

Lab Code: CHEM

SAS No.: BM012725 SDG NO.: BM012725

Lab File ID: BM049443.D

DFTPP Injection Date: 01/27/2025

Instrument ID: BNA_M

DFTPP Injection Time: 09:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.4
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	33.5
70	Less than 2.0% of mass 69	0.1 (0.4) 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	6.7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	67.4
443	15.0 - 24.0% of mass 442	13 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020076	SSTDCCC020	BM049444.D	01/27/2025	09:50
SBLK251	PB166251BL	BM049445.D	01/27/2025	10:30
XA178	Q1148-09	BM049446.D	01/27/2025	11:48
XA178DL	Q1148-09DL	BM049447.D	01/27/2025	13:22
E2941	Q1174-11	BM049448.D	01/27/2025	14:01
E2942	Q1174-12	BM049449.D	01/27/2025	14:40
SSTD020077	SSTDCCC020	BM049450.D	01/27/2025	16:05
SBLK231	PB166231BL	BM049451.D	01/27/2025	16:44
SBLK251	PB166251BL	BM049452.D	01/27/2025	17:23
DCZH3ME	Q1139-06ME	BM049453.D	01/27/2025	18:02
DCZH4ME	Q1139-07ME	BM049454.D	01/27/2025	18:42
DCZH5ME	Q1139-08ME	BM049455.D	01/27/2025	19:21
DCZH9ME	Q1139-12ME	BM049456.D	01/27/2025	20:00
E2943	Q1174-13	BM049457.D	01/27/2025	20:39
SLCS251	PB166251BS	BM049458.D	01/27/2025	21:18
SLCS231	PB166231BS	BM049459.D	01/27/2025	21:57
SSTD020078	SSTDCCC020EC	BM049460.D	01/27/2025	23:15