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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG No.: BM011425

Instrument ID: BNA_M Calibration Date/Time: 1/14/2025 12 09:26

Lab File ID: BM049343.D Init. Calib. Date(s):

EPA Sample No.: SSTD020065 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	0.592	0.010	11.7942	40.0
Benzaldehyde	0.905	1.241	0.010	37.1019	40.0
Pyridine	1.556	1.762	0.010	13.2408	40.0
Phenol	1.746	1.908	0.080	9.2917	20.0
Bis(2-Chloroethyl)ether	1.421	1.583	0.100	11.3849	20.0
2-Chlorophenol	1.335	1.500	0.200	12.3244	20.0
2-Methylphenol	1.275	1.363	0.010	6.8989	20.0
2,2-oxybis(1-Chloropropane)	2.130	2.459	0.010	15.4446	40.0
Acetophenone	2.126	2.415	0.060	13.5631	20.0
4-Methylphenol	1.397	1.520	0.010	8.7529	20.0
N-Nitroso-di-n-propylamine	1.148	1.312	0.050	14.2082	30.0
Hexachloroethane	0.574	0.658	0.100	14.7962	20.0
Nitrobenzene	0.395	0.443	0.050	12.0896	25.0
Isophorone	0.768	0.835	0.050	8.8127	25.0
2-Nitrophenol	0.187	0.208	0.050	11.1709	25.0
2,4-Dimethylphenol	0.351	0.390	0.050	11.266	25.0
Bis(2-Chloroethoxy)methane	0.472	0.514	0.050	9.005	20.0
2,4-Dichlorophenol	0.347	0.388	0.060	11.9832	20.0
Naphthalene	1.061	1.178	0.200	10.9799	20.0
4-Chloroaniline	0.437	0.475	0.010	8.8442	40.0
Hexachlorobutadiene	0.247	0.280	0.040	13.2457	30.0
Caprolactam	0.103	0.111	0.010	7.4605	40.0
4-Chloro-3-methylphenol	0.324	0.356	0.040	9.8797	25.0
1-Methylnaphthalene	0.756	0.845	0.100	11.7855	20.0
2-Methylnaphthalene	0.760	0.847	0.100	11.4971	20.0
Hexachlorocyclopentadiene	0.415	0.417	0.010	0.3711	40.0
2,4,6-Trichlorophenol	0.426	0.475	0.090	11.6343	25.0
2,4,5-Trichlorophenol	0.456	0.504	0.100	10.5245	25.0
1,1-Biphenyl	1.464	1.624	0.200	10.916	20.0
2-Chloronaphthalene	1.171	1.319	0.300	12.5934	20.0
2-Nitroaniline	0.309	0.349	0.050	12.8463	40.0
Dimethylphthalate	1.473	1.631	0.300	10.7298	20.0
2,6-Dinitrotoluene	0.275	0.307	0.080	11.8727	30.0
Acenaphthylene	1.742	1.947	0.400	11.7865	20.0
3-Nitroaniline	0.270	0.301	0.010	11.5753	40.0
Acenaphthene	1.245	1.381	0.200	10.9548	20.0
2,4-Dinitrophenol	0.172	0.154	0.010	-10.4036	40.0
4-Nitrophenol	0.182	0.191	0.010	5.1552	40.0
Dibenzofuran	1.768	1.991	0.300	12.6614	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG No.: BM011425

Instrument ID: BNA_M Calibration Date/Time: 1/14/2025 12 09:26

Lab File ID: BM049343.D Init. Calib. Date(s):

EPA Sample No.: SSTD020065 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	0.456	0.070	11.9237	30.0
Diethylphthalate	1.435	1.596	0.300	11.2322	20.0
Fluorene	1.444	1.673	0.200	15.8333	20.0
4-Chlorophenyl-phenylether	0.787	0.900	0.100	14.3365	20.0
4-Nitroaniline	0.243	0.276	0.010	13.8689	40.0
4,6-Dinitro-2-methylphenol	0.139	0.142	0.010	1.9416	40.0
N-Nitrosodiphenylamine	0.593	0.657	0.050	10.7408	20.0
1,2,4,5-Tetrachlorobenzene	0.692	0.768	0.100	10.9032	20.0
4-Bromophenyl-phenylether	0.227	0.245	0.070	7.5935	20.0
Hexachlorobenzene	0.264	0.284	0.050	7.2497	25.0
Atrazine	0.243	0.262	0.010	8.1429	25.0
Pentachlorophenol	0.175	0.173	0.010	-1.1734	40.0
Phenanthrene	1.112	1.244	0.200	11.8728	20.0
Pentachlorobenzene	0.334	0.361	0.050	8.1385	20.0
Anthracene	1.116	1.256	0.200	12.5386	20.0
1,2,3,4-Tetrachlorobenzene	0.334	0.358	0.050	7.2201	20.0
Carbazole	0.990	1.087	0.050	9.7735	40.0
Di-n-butylphthalate	1.213	1.354	0.500	11.5908	25.0
Fluoranthene	1.399	1.481	0.400	5.903	25.0
Pyrene	1.489	1.600	0.400	7.4499	25.0
Butylbenzylphthalate	0.527	0.569	0.100	7.9018	40.0
3,3-Dichlorobenzidine	0.375	0.415	0.010	10.914	40.0
Benzo(a)anthracene	1.394	1.560	0.300	11.921	30.0
Chrysene	1.272	1.430	0.200	12.3688	30.0
Bis(2-ethylhexyl)phthalate	0.784	0.874	0.200	11.435	40.0
Di-n-octyl phthalate	1.457	1.489	0.010	2.1998	40.0
Benzo(b)fluoranthene	1.339	1.511	0.200	12.8974	25.0
Benzo(k)fluoranthene	1.335	1.547	0.200	15.9249	25.0
Benzo(a)pyrene	1.209	1.367	0.200	13.0585	20.0
Indeno(1,2,3-cd)pyrene	1.387	1.524	0.200	9.8471	25.0
Dibenzo(a,h)anthracene	1.130	1.226	0.200	8.5011	30.0
Benzo(g,h,i)perylene	1.035	1.140	0.200	10.1019	30.0
2,3,4,6-Tetrachlorophenol	0.386	0.431	0.040	11.7632	20.0
1,4-Dioxane-d8	0.483	0.561	0.010	15.9896	25.0
Pyridine-d5	1.539	1.694	0.010	10.0723	40.0
Phenol-d5	1.679	1.840	0.010	9.5966	25.0
Bis-(2-Chloroethyl)ether-d8	1.118	1.269	0.050	13.5044	25.0
2-Chlorophenol-d4	1.284	1.455	0.200	13.2512	20.0
4-Methylphenol-d8	1.302	1.413	0.010	8.5629	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG No.: BM011425

Instrument ID: BNA_M Calibration Date/Time: 1/14/2025 12 09:26

Lab File ID: BM049343.D Init. Calib. Date(s):

EPA Sample No.: SSTD020065 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.170	0.050	11.5848	20.0
2-Nitrophenol-d4	0.170	0.187	0.050	9.5181	30.0
2,4-Dichlorophenol-d3	0.348	0.390	0.060	12.1358	20.0
4-Chloroaniline-d4	0.458	0.489	0.010	6.803	40.0
Dimethylphthalate-d6	1.489	1.652	0.300	11.0066	20.0
Acenaphthylene-d8	1.699	1.922	0.400	13.123	20.0
4-Nitrophenol-d4	0.247	0.256	0.010	3.8482	40.0
Fluorene-d10	1.286	1.466	0.100	13.9762	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.125	0.010	-1.8735	40.0
Anthracene-d10	0.989	1.113	0.300	12.5488	20.0
Pyrene-d10	1.217	1.294	0.300	6.3445	25.0
Benzo(a)pyrene-d12	1.074	1.209	0.010	12.6262	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG No.: BM011425

Instrument ID: BNA_M Calibration Date/Time: 1/14/2025 12 15:07

Lab File ID: BM049349.D Init. Calib. Date(s):

EPA Sample No.: SSTD020066 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	0.581	0.010	9.7836	50.0
Benzaldehyde	0.905	1.219	0.010	34.7127	50.0
Pyridine	1.556	1.705	0.010	9.6314	50.0
Phenol	1.746	1.850	0.080	6.0068	50.0
Bis(2-Chloroethyl)ether	1.421	1.562	0.100	9.9034	50.0
2-Chlorophenol	1.335	1.457	0.200	9.1309	50.0
2-Methylphenol	1.275	1.328	0.010	4.1255	50.0
2,2-oxybis(1-Chloropropane)	2.130	2.449	0.010	14.9406	50.0
Acetophenone	2.126	2.336	0.060	9.8791	50.0
4-Methylphenol	1.397	1.465	0.010	4.838	50.0
N-Nitroso-di-n-propylamine	1.148	1.268	0.050	10.4139	50.0
Hexachloroethane	0.574	0.636	0.100	10.9255	50.0
Nitrobenzene	0.395	0.453	0.050	14.5377	50.0
Isophorone	0.768	0.830	0.050	8.157	50.0
2-Nitrophenol	0.187	0.204	0.050	9.0534	50.0
2,4-Dimethylphenol	0.351	0.390	0.050	11.1214	50.0
Bis(2-Chloroethoxy)methane	0.472	0.519	0.050	9.9944	50.0
2,4-Dichlorophenol	0.347	0.384	0.060	10.7696	50.0
Naphthalene	1.061	1.191	0.200	12.198	50.0
4-Chloroaniline	0.437	0.457	0.010	4.6276	50.0
Hexachlorobutadiene	0.247	0.285	0.040	14.9807	50.0
Caprolactam	0.103	0.096	0.010	-7.0302	50.0
4-Chloro-3-methylphenol	0.324	0.340	0.040	4.987	50.0
1-Methylnaphthalene	0.756	0.821	0.100	8.646	50.0
2-Methylnaphthalene	0.760	0.822	0.100	8.282	50.0
Hexachlorocyclopentadiene	0.415	0.445	0.010	7.2102	50.0
2,4,6-Trichlorophenol	0.426	0.484	0.090	13.6698	50.0
2,4,5-Trichlorophenol	0.456	0.506	0.100	10.9342	50.0
1,1-Biphenyl	1.464	1.684	0.200	15.0265	50.0
2-Chloronaphthalene	1.171	1.350	0.300	15.2456	50.0
2-Nitroaniline	0.309	0.339	0.050	9.7105	50.0
Dimethylphthalate	1.473	1.614	0.300	9.575	50.0
2,6-Dinitrotoluene	0.275	0.294	0.080	7.1806	50.0
Acenaphthylene	1.742	1.946	0.400	11.6844	50.0
3-Nitroaniline	0.270	0.269	0.010	-0.3473	50.0
Acenaphthene	1.245	1.401	0.200	12.5186	50.0
2,4-Dinitrophenol	0.172	0.126	0.010	-26.7468	50.0
4-Nitrophenol	0.182	0.171	0.010	-6.1727	50.0
Dibenzofuran	1.768	1.984	0.300	12.2594	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG No.: BM011425

Instrument ID: BNA_M Calibration Date/Time: 1/14/2025 12 15:07

Lab File ID: BM049349.D Init. Calib. Date(s):

EPA Sample No.: SSTD020066 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	0.429	0.070	5.2138	50.0
Diethylphthalate	1.435	1.519	0.300	5.8275	50.0
Fluorene	1.444	1.631	0.200	12.9534	50.0
4-Chlorophenyl-phenylether	0.787	0.871	0.100	10.6416	50.0
4-Nitroaniline	0.243	0.259	0.010	6.7238	50.0
4,6-Dinitro-2-methylphenol	0.139	0.133	0.010	-4.1482	50.0
N-Nitrosodiphenylamine	0.593	0.688	0.050	16.0103	50.0
1,2,4,5-Tetrachlorobenzene	0.692	0.806	0.100	16.4631	50.0
4-Bromophenyl-phenylether	0.227	0.258	0.070	13.6082	50.0
Hexachlorobenzene	0.264	0.294	0.050	11.1868	50.0
Atrazine	0.243	0.255	0.010	5.1867	50.0
Pentachlorophenol	0.175	0.166	0.010	-5.4572	50.0
Phenanthrene	1.112	1.254	0.200	12.7709	50.0
Pentachlorobenzene	0.334	0.395	0.050	18.3123	50.0
Anthracene	1.116	1.259	0.200	12.8311	50.0
1,2,3,4-Tetrachlorobenzene	0.334	0.415	0.050	24.0526	50.0
Carbazole	0.990	1.056	0.050	6.6323	50.0
Di-n-butylphthalate	1.213	1.258	0.500	3.6858	50.0
Fluoranthene	1.399	1.590	0.400	13.6782	50.0
Pyrene	1.489	1.689	0.400	13.4576	50.0
Butylbenzylphthalate	0.527	0.551	0.100	4.4931	50.0
3,3-Dichlorobenzidine	0.375	0.375	0.010	0.2186	50.0
Benzo(a)anthracene	1.394	1.550	0.300	11.1745	50.0
Chrysene	1.272	1.442	0.200	13.291	50.0
Bis(2-ethylhexyl)phthalate	0.784	0.822	0.200	4.8726	50.0
Di-n-octyl phthalate	1.457	1.337	0.010	-8.2451	50.0
Benzo(b)fluoranthene	1.339	1.491	0.200	11.3435	50.0
Benzo(k)fluoranthene	1.335	1.484	0.200	11.1833	50.0
Benzo(a)pyrene	1.209	1.345	0.200	11.2152	50.0
Indeno(1,2,3-cd)pyrene	1.387	1.646	0.200	18.6655	50.0
Dibenzo(a,h)anthracene	1.130	1.333	0.200	18.0284	50.0
Benzo(g,h,i)perylene	1.035	1.261	0.200	21.7959	50.0
2,3,4,6-Tetrachlorophenol	0.386	0.402	0.040	4.2346	50.0
1,4-Dioxane-d8	0.483	0.545	0.010	12.7194	50.0
Pyridine-d5	1.539	1.685	0.010	9.4768	50.0
Phenol-d5	1.679	1.782	0.010	6.1378	50.0
Bis-(2-Chloroethyl)ether-d8	1.118	1.266	0.050	13.2376	50.0
2-Chlorophenol-d4	1.284	1.411	0.200	9.84	50.0
4-Methylphenol-d8	1.302	1.353	0.010	3.9166	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG No.: BM011425

Instrument ID: BNA_M Calibration Date/Time: 1/14/2025 12 15:07

Lab File ID: BM049349.D Init. Calib. Date(s):

EPA Sample No.: SSTD020066 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.169	0.050	10.9707	50.0
2-Nitrophenol-d4	0.170	0.183	0.050	7.607	50.0
2,4-Dichlorophenol-d3	0.348	0.387	0.060	11.3236	50.0
4-Chloroaniline-d4	0.458	0.475	0.010	3.8282	50.0
Dimethylphthalate-d6	1.489	1.621	0.300	8.8697	50.0
Acenaphthylene-d8	1.699	1.914	0.400	12.6584	50.0
4-Nitrophenol-d4	0.247	0.221	0.010	-10.4491	50.0
Fluorene-d10	1.286	1.423	0.100	10.6867	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.118	0.010	-7.0948	50.0
Anthracene-d10	0.989	1.107	0.300	12.0178	50.0
Pyrene-d10	1.217	1.371	0.300	12.6345	50.0
Benzo(a)pyrene-d12	1.074	1.201	0.010	11.8728	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SBLK010			SDG No.:	BM011425
Lab Sample ID:	PB166010BL			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
BM049344.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

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

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SBLK010			SDG No.:	BM011425
Lab Sample ID:	PB166010BL			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
BM049344.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

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

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SBLK010			SDG No.:	BM011425
Lab Sample ID:	PB166010BL			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
BM049344.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.881		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	26.63		20-120		67	SPK: -40
4165-62-2	Phenol-d5	25.976		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.648		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.14		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.781		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.545		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.954		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.421		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.141		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.151		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.179		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.192		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	28.486		25-125		71	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SBLK010			SDG No.:	BM011425
Lab Sample ID:	PB166010BL			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
BM049344.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.488		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	28.835		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	29.464		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.505		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215276	7.522				
1146-65-2	Naphthalene-d8	786437	10.286				
15067-26-2	Acenaphthene-d10	491546	14.163				
1517-22-2	Phenanthrene-d10	982494	16.915				
1719-03-5	Chrysene-d12	871596	21.144				
1520-96-3	Perylene-d12	958964	23.927				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	1/3/2025 12:00:00 AM
Project:				Date Received:	1/3/2025 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BM011425
Lab Sample ID:	Q1006-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049345.D	1	1/6/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB165962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	19.8	200	ug/Kg
110-86-1	Pyridine	130	U	130	500	990	ug/Kg
100-52-7	Benzaldehyde	230	U	230	250	990	ug/Kg
108-95-2	Phenol	110	U	110	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	90	U	90	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	250	990	ug/Kg
98-86-2	Acetophenone	110	U	110	250	990	ug/Kg
106-44-5	4-Methylphenol	96	U	96	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	130	510	ug/Kg
67-72-1	Hexachloroethane	69	U	69	130	510	ug/Kg
98-95-3	Nitrobenzene	110	U	110	130	510	ug/Kg
78-59-1	Isophorone	100	U	100	130	510	ug/Kg
88-75-5	2-Nitrophenol	96	U	96	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	84	U	84	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	130	510	ug/Kg
91-20-3	Naphthalene	100	U	100	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	130	510	ug/Kg
105-60-2	Caprolactam	360	U	360	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	130	510	ug/Kg

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Report of Analysis

Client:				Date Collected:	1/3/2025 12:00:00 AM
Project:				Date Received:	1/3/2025 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BM011425
Lab Sample ID:	Q1006-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049345.D	1	1/6/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB165962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	130	510	ug/Kg
208-96-8	Acenaphthylene	130	U	130	130	510	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	250	990	ug/Kg
83-32-9	Acenaphthene	120	U	120	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	360	250	990	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	250	990	ug/Kg
132-64-9	Dibenzofuran	140	U	140	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	81	U	81	130	510	ug/Kg
84-66-2	Diethylphthalate	180	U	180	130	510	ug/Kg
86-73-7	Fluorene	140	U	140	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	U	130	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	120	U	120	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	130	U	130	130	510	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	130	510	ug/Kg
120-12-7	Anthracene	130	U	130	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	99	U	99	130	510	ug/Kg
86-74-8	Carbazole	140	U	140	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	130	510	ug/Kg
206-44-0	Fluoranthene	130	U	130	250	510	ug/Kg

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Report of Analysis

Client:				Date Collected:	1/3/2025 12:00:00 AM
Project:				Date Received:	1/3/2025 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BM011425
Lab Sample ID:	Q1006-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049345.D	1	1/6/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB165962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	U	130	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/3/2025 12:00:00 AM
Project:				Date Received:	1/3/2025 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BM011425
Lab Sample ID:	Q1006-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049345.D	1	1/6/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB165962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181860	7.522				
1146-65-2	Naphthalene-d8	666090	10.286				
15067-26-2	Acenaphthene-d10	440887	14.163				
1517-22-2	Phenanthrene-d10	853543	16.915				
1719-03-5	Chrysene-d12	718500	21.145				
1520-96-3	Perylene-d12	681055	23.927				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BM011425
Lab Sample ID:	Q1060-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049346.D	1	1/13/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	19.8	200	ug/Kg
100-52-7	Benzaldehyde	230	U	230	250	990	ug/Kg
110-86-1	Pyridine	130	U	130	500	990	ug/Kg
108-95-2	Phenol	110	U	110	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	90	U	90	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	250	990	ug/Kg
98-86-2	Acetophenone	110	U	110	250	990	ug/Kg
106-44-5	4-Methylphenol	96	U	96	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	130	510	ug/Kg
67-72-1	Hexachloroethane	69	U	69	130	510	ug/Kg
98-95-3	Nitrobenzene	110	U	110	130	510	ug/Kg
78-59-1	Isophorone	100	U	100	130	510	ug/Kg
88-75-5	2-Nitrophenol	96	U	96	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	84	U	84	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	130	510	ug/Kg
91-20-3	Naphthalene	100	U	100	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	130	510	ug/Kg
105-60-2	Caprolactam	360	U	360	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	130	510	ug/Kg

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Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM011425
Lab Sample ID:	Q1060-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049346.D	1	1/13/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	130	510	ug/Kg
208-96-8	Acenaphthylene	130	U	130	130	510	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	250	990	ug/Kg
83-32-9	Acenaphthene	120	U	120	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	360	250	990	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	250	990	ug/Kg
132-64-9	Dibenzofuran	140	U	140	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	81	U	81	130	510	ug/Kg
84-66-2	Diethylphthalate	180	U	180	130	510	ug/Kg
86-73-7	Fluorene	140	U	140	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	U	130	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	120	U	120	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	130	U	130	130	510	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	130	510	ug/Kg
120-12-7	Anthracene	130	U	130	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	99	U	99	130	510	ug/Kg
86-74-8	Carbazole	140	U	140	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	130	510	ug/Kg
206-44-0	Fluoranthene	130	U	130	250	510	ug/Kg

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BM011425
Lab Sample ID:	Q1060-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049346.D	1	1/13/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	U	130	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BM011425
Lab Sample ID:	Q1060-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049346.D	1	1/13/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174534	7.522				
1146-65-2	Naphthalene-d8	666169	10.286				
15067-26-2	Acenaphthene-d10	446589	14.163				
1517-22-2	Phenanthrene-d10	900834	16.915				
1719-03-5	Chrysene-d12	702445	21.145				
1520-96-3	Perylene-d12	661456	23.927				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SLCS010			SDG No.:	BM011425
Lab Sample ID:	PB166010BS			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
BM049347.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	24		2.5	5	10	ug/L
110-86-1	Pyridine	29		1.4	10	10	ug/L
108-95-2	Phenol	31		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	32		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	30		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	33		1.4	5	10	ug/L
98-86-2	Acetophenone	32		1.5	5	10	ug/L
106-44-5	4-Methylphenol	31		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	33		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	32		1.4	2.5	5	ug/L
78-59-1	Isophorone	31		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	25		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	31		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.5	2.5	5	ug/L
91-20-3	Naphthalene	31		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.2	2.5	5	ug/L
105-60-2	Caprolactam	27		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SLCS010			SDG No.:	BM011425
Lab Sample ID:	PB166010BS			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
BM049347.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

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	33		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		0.84	5	10	ug/L
83-32-9	Acenaphthene	32		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	25		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	28		1.5	5	10	ug/L
132-64-9	Dibenzofuran	32		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	32		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	31		1.5	2.5	5	ug/L
86-73-7	Fluorene	33		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		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	9.6	J	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	23		3.6	5	10	ug/L
85-01-8	Phenanthrene	33		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.5	2.5	5	ug/L
120-12-7	Anthracene	32		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		1.2	2.5	5	ug/L
86-74-8	Carbazole	31		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	34		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SLCS010			SDG No.:	BM011425
Lab Sample ID:	PB166010BS			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
BM049347.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	32		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.4	2.5	5	ug/L
218-01-9	Chrysene	33		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	29		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	34		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	32		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	37		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.557		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	29.801		20-120		75	SPK: -40
4165-62-2	Phenol-d5	31.965		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.573		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.461		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	30.833		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	31.937		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.715		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.664		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.117		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.169		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	33.535		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.368		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	33.207		25-125		83	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/10/2025 12:00:00 AM
Project:				Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	SLCS010			SDG No.:	BM011425
Lab Sample ID:	PB166010BS			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
BM049347.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.132		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	32.415		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	33.963		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.728		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228250	7.522				
1146-65-2	Naphthalene-d8	922778	10.286				
15067-26-2	Acenaphthene-d10	609149	14.163				
1517-22-2	Phenanthrene-d10	1145663	16.915				
1719-03-5	Chrysene-d12	948649	21.145				
1520-96-3	Perylene-d12	849949	23.933				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	1/9/2025 12:00:00 AM
Project:				Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	BHQH8			SDG No.:	BM011425
Lab Sample ID:	Q1054-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049348.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	J	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

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Report of Analysis

Client:				Date Collected:	1/9/2025 12:00:00 AM
Project:				Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	BHQH8			SDG No.:	BM011425
Lab Sample ID:	Q1054-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049348.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

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

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Report of Analysis

Client:				Date Collected:	1/9/2025 12:00:00 AM
Project:				Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	BHQH8			SDG No.:	BM011425
Lab Sample ID:	Q1054-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049348.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

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	6.595		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	24.638		20-120		62	SPK: -40
4165-62-2	Phenol-d5	13.527		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	43.257		25-120		108	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.959		20-130		95	SPK: -40
190780-66-6	4-Methylphenol-d8	25.367		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	45.94		20-125		115	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.857		20-130		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.412		20-120		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	39.375		1-146		98	SPK: -40
85448-30-2	Dimethylphthalate-d6	44.547		25-130		111	SPK: -40
93951-97-4	Acenaphthylene-d8	46.54		10-130		116	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.208	*	10-150		6	SPK: -40
81103-79-9	Fluorene-d10	47.097		25-125		118	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/9/2025 12:00:00 AM
Project:				Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	BHQH8			SDG No.:	BM011425
Lab Sample ID:	Q1054-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049348.D	1	1/10/2025 12:00:00 AM	1/14/2025 12:00:00 AM	PB166010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.943	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	48.973		25-130		122	SPK: -40
1718-52-1	Pyrene-d10	50.645		15-130		127	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	50.636		20-130		127	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224455	7.522				
1146-65-2	Naphthalene-d8	830239	10.286				
15067-26-2	Acenaphthene-d10	521799	14.163				
1517-22-2	Phenanthrene-d10	1037953	16.915				
1719-03-5	Chrysene-d12	940367	21.15				
1520-96-3	Perylene-d12	1000068	23.933				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BM011425

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SVOC-GPC2-BLANK**								
Q1006-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000		140	510	ug/Kg
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**BHQH8**								
Q1054-01	BHQH8	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**0.00**		
Q1054-01	BHQH8	Water	1,4-Dioxane		1.000	J	0.49	2	ug/L
			Total Svoc :				**1.00**		
			Total Concentration:				**1.00**		
Client ID :	**SVOC-GPC2-BLANK**								
Q1060-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000		140	510	ug/Kg
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		

CHEMTECH

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
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.

CHEMTECH

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
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.

CHEMTECH

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG NO.: BM011425

EPA Sample No.: SSTD020008 Date Analyzed: Jan 14 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 10:05

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	256234	7.522	1.04857e+0(	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	SBLK010	215276	7.52	786437	10.29	491546	14.16
02	SVOC-GPC2-BLANK	181860	7.52	666090	10.29	440887	14.16
03	SVOC-GPC2-BLANK	174534	7.52	666169	10.29	446589	14.16
04	SLCS010	228250	7.52	922778	10.29	609149	14.16
05	BHQH8	224455	7.52	830239	10.29	521799	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG NO.: BM011425

EPA Sample No.: SSTD020065 Date Analyzed: Jan 14 2025 12:00AM

Lab File ID: BM049343.D Time Analyzed: 10:05

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	232920	7.522	944769	10.29	661003	14.16
	UPPER LIMIT	465840	8.022	1889538	10.786	1322006	14.662
	LOWER LIMIT	116460	7.022	472384.5	9.786	330501.5	13.662
	EPA SAMPLE NO.						
01	SBLK010	215276	7.52	786437	10.29	491546	14.16
02	SVOC-GPC2-BLANK	181860	7.52	666090	10.29	440887	14.16
03	SVOC-GPC2-BLANK	174534	7.52	666169	10.29	446589	14.16
04	SLCS010	228250	7.52	922778	10.29	609149	14.16
05	BHQH8	224455	7.52	830239	10.29	521799	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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG NO.: BM011425

EPA Sample No.: SSTD020008 Date Analyzed: Jan 14 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 10:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.54387e+0(	16.915	1.43091e+		21.145	1.19661e+0(	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	SBLK010	982494	16.92	871596		21.14	958964	23.93
02	SVOC-GPC2-BLANK	853543	16.92	718500		21.15	681055	23.93
03	SVOC-GPC2-BLANK	900834	16.92	702445	*	21.15	661456	23.93
04	SLCS010	1.14566	16.92	948649		21.15	849949	23.93
05	BHQH8	1.03795	16.92	940367		21.15	1.00007e+	23.93

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG NO.: BM011425

EPA Sample No.: SSTD020065 Date Analyzed: Jan 14 2025 12:00AM

Lab File ID: BM049343.D Time Analyzed: 10:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.3771e+00	16.915	1.37777e+	21.144	1.22115e+0	23.932
	UPPER LIMIT	2754200	17.415	2755540	21.644	2442300	24.432
	LOWER LIMIT	688550	16.415	688885	20.644	610575	23.432
	EPA SAMPLE NO.						
01	SBLK010	982494	16.92	871596	21.14	958964	23.93
02	SVOC-GPC2-BLANK	853543	16.92	718500	21.15	681055	23.93
03	SVOC-GPC2-BLANK	900834	16.92	702445	21.15	661456	23.93
04	SLCS010	1.14566	16.92	948649	21.15	849949	23.93
05	BHQH8	1.03795	16.92	940367	21.15	1.00007e+	23.93

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.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM011425

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166010BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	24	ug/L	60				0	0	
	Pyridine	40	29	ug/L	73				0	0	
	Phenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	30	ug/L	75				0	0	
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0	
	Acetophenone	40	32	ug/L	80				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	32	ug/L	80				0	0	
	Isophorone	40	31	ug/L	78				0	0	
	2-Nitrophenol	40	32	ug/L	80				0	0	
	2,4-Dimethylphenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0	
	2,4-Dichlorophenol	40	32	ug/L	80				0	0	
	Naphthalene	40	31	ug/L	78				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	31	ug/L	78				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	31	ug/L	78				0	0	
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0	
	1,1'-Biphenyl	40	33	ug/L	83				0	0	
	2-Chloronaphthalene	40	33	ug/L	83				0	0	
	2-Nitroaniline	40	33	ug/L	83				0	0	
	Dimethylphthalate	40	32	ug/L	80				0	0	
	2,6-Dinitrotoluene	40	32	ug/L	80				0	0	
	Acenaphthylene	40	33	ug/L	83				0	0	
	3-Nitroaniline	40	30	ug/L	75				0	0	
	Acenaphthene	40	32	ug/L	80				0	0	
	2,4-Dinitrophenol	40	25	ug/L	63				0	0	
	4-Nitrophenol	40	28	ug/L	70				0	0	
	Dibenzofuran	40	32	ug/L	80				0	0	
	2,4-Dinitrotoluene	40	32	ug/L	80				0	0	
	Diethylphthalate	40	31	ug/L	78				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM011425

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166010BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0	
	N-Nitrosodiphenylamine	40	34	ug/L	85				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0	
	Hexachlorobenzene	40	32	ug/L	80				0	0	
	Atrazine	40	9.6	ug/L	24				0	0	
	Pentachlorophenol	40	23	ug/L	58				0	0	
	Phenanthrene	40	33	ug/L	83				0	0	
	Pentachlorobenzene	40	32	ug/L	80				0	0	
	Anthracene	40	32	ug/L	80				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	31	ug/L	78				0	0	
	Di-n-butylphthalate	40	31	ug/L	78				0	0	
	Fluoranthene	40	34	ug/L	85				0	0	
	Pyrene	40	34	ug/L	85				0	0	
	Butylbenzylphthalate	40	32	ug/L	80				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	32	ug/L	80				0	0	
	Chrysene	40	33	ug/L	83				0	0	
	Bis(2-ethylhexyl)phthalate	40	32	ug/L	80				0	0	
	Di-n-octylphthalate	40	29	ug/L	73				0	0	
	Benzo(b)fluoranthene	40	32	ug/L	80				0	0	
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(a)pyrene	40	32	ug/L	80				0	0	
	Indeno(1,2,3-cd)pyrene	40	35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	40	36	ug/L	90				0	0	
	Benzo(g,h,i)perylene	40	37	ug/L	93				0	0	
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG NO.: BM011425

Lab File ID: BM049345.D Lab Sample ID: Q1006-10

Instrument ID: BNA_M Date Extracted: 01/06/2025

Matrix: (soil/water) Solid Date Analyzed: 01/14/2025

Level: (low/med) LOW Time Analyzed: 10:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	Q1006-10	BM049345.D	01/14/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK010

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG NO.: BM011425

Lab File ID: BM049344.D Lab Sample ID: PB166010BL

Instrument ID: BNA_M Date Extracted: 01/10/2025

Matrix: (soil/water) Water Date Analyzed: 01/14/2025

Level: (low/med) LOW Time Analyzed: 10:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166010BS	PB166010BS	BM049347.D	01/14/2025
BHQH8	Q1054-01	BM049348.D	01/14/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM011425 SAS No.: BM011425 SDG NO.: BM011425

Lab File ID: BM049346.D Lab Sample ID: Q1060-10

Instrument ID: BNA_M Date Extracted: 01/13/2025

Matrix: (soil/water) Solid Date Analyzed: 01/14/2025

Level: (low/med) LOW Time Analyzed: 11:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	Q1060-10	BM049346.D	01/14/2025

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BM011425

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q1006-10	SVOC-GPC2-BLA	BM049345.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM011425

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB166010BL	PB166010BL	BM049344.D	Pyridine-d5	40	26.63	67		20	120
			1,4-Dioxane-d8	8	5.88	74		15	120
			Phenol-d5	40	25.98	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.65	67		25	120
			2-Chlorophenol-d4	40	28.14	70		20	130
			4-Methylphenol-d8	40	24.78	62		25	125
			Nitrobenzene-d5	40	26.55	66		20	125
			2-Nitrophenol-d4	40	25.95	65		20	130
			2,4-Dichlorophenol-d3	40	25.42	64		20	120
			4-Chloroaniline-d4	40	21.14	53		1	146
			Dimethylphthalate-d6	40	27.15	68		25	130
			Acenaphthylene-d8	40	28.18	70		10	130
			4-Nitrophenol-d4	40	16.19	40		10	150
			Fluorene-d10	40	28.49	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.49	44		10	130
			Anthracene-d10	40	28.84	72		25	130
			Pyrene-d10	40	29.46	74		15	130
			Benzo(a)pyrene-d12	40	28.51	71		20	130
PB166010BS	PB166010BS	BM049347.D	1,4-Dioxane-d8	8	6.56	82		15	120
			Pyridine-d5	40	29.80	75		20	120
			Phenol-d5	40	31.97	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.57	81		25	120
			2-Chlorophenol-d4	40	32.46	81		20	130
			4-Methylphenol-d8	40	30.83	77		25	125
			Nitrobenzene-d5	40	31.94	80		20	125
			2-Nitrophenol-d4	40	31.72	79		20	130
			2,4-Dichlorophenol-d3	40	32.66	82		20	120
			4-Chloroaniline-d4	40	27.12	68		1	146
			Dimethylphthalate-d6	40	32.17	80		25	130
			Acenaphthylene-d8	40	33.54	84		10	130
			4-Nitrophenol-d4	40	28.37	71		10	150
			Fluorene-d10	40	33.21	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.13	75		10	130
			Anthracene-d10	40	32.42	81		25	130
			Pyrene-d10	40	33.96	85		15	130
			Benzo(a)pyrene-d12	40	33.73	84		20	130
Q1054-01	BHQH8	BM049348.D	1,4-Dioxane-d8	8	6.60	82		15	120
			Pyridine-d5	40	24.64	62		20	120
			Phenol-d5	40	13.53	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	43.26	108		25	120
			2-Chlorophenol-d4	40	37.96	95		20	130
			4-Methylphenol-d8	40	25.37	63		25	125
			Nitrobenzene-d5	40	45.94	115		20	125
			2-Nitrophenol-d4	40	40.86	102		20	130
			2,4-Dichlorophenol-d3	40	38.41	96		20	120
			4-Chloroaniline-d4	40	39.38	98		1	146
			Dimethylphthalate-d6	40	44.55	111		25	130
			Acenaphthylene-d8	40	46.54	116		10	130
			4-Nitrophenol-d4	40	2.21	6	*	10	150

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Surrogate Summary

SW-846

SDG No.: BM011425

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q1054-01	BHQH8	BM049348.D	Fluorene-d10	40	47.10	118		25	125
			4,6-Dinitro-2-methylphenol-d2	40	2.94	7	*	10	130
			Anthracene-d10	40	48.97	122		25	130
			Pyrene-d10	40	50.65	127		15	130
			Benzo(a)pyrene-d12	40	50.64	127		20	130

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Surrogate Summary

SW-846

SDG No.: BM011425

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q1060-10	SVOC-GPC2-BLA	BM049346.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM011425

Lab Code: CHEM SAS No.: BM011425 SDG NO.: BM011425

Lab File ID: BM049342.D DFTPP Injection Date: 01/14/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.7
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	32.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	41
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.3
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.6
443	15.0 - 24.0% of mass 442	13 (19.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020065	SSTDCCC020	BM049343.D	01/14/2025	09:26
SBLK010	PB166010BL	BM049344.D	01/14/2025	10:05
SVOC-GPC2-BLANK	Q1006-10	BM049345.D	01/14/2025	10:44
SVOC-GPC2-BLANK	Q1060-10	BM049346.D	01/14/2025	11:24
SLCS010	PB166010BS	BM049347.D	01/14/2025	12:42
BHQH8	Q1054-01	BM049348.D	01/14/2025	14:00
SSTD020066	SSTDCCC020EC	BM049349.D	01/14/2025	15:07