

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012425 SAS No.: BM012425 SDG No.: BM012425

Instrument ID: BNA_M Calibration Date/Time: 1/24/2025 1:13:22

Lab File ID: BM049434.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020074 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	0.603	0.010	13.8067	40.0
Benzaldehyde	0.905	1.219	0.010	34.702	40.0
Pyridine	1.556	1.751	0.010	12.5622	40.0
Phenol	1.746	1.863	0.080	6.7071	20.0
Bis(2-Chloroethyl)ether	1.421	1.514	0.100	6.4918	20.0
2-Chlorophenol	1.335	1.416	0.200	6.0836	20.0
2-Methylphenol	1.275	1.309	0.010	2.6326	20.0
2,2-oxybis(1-Chloropropane)	2.130	2.495	0.010	17.1349	40.0
Acetophenone	2.126	2.261	0.060	6.334	20.0
4-Methylphenol	1.397	1.440	0.010	3.0696	20.0
N-Nitroso-di-n-propylamine	1.148	1.248	0.050	8.6716	30.0
Hexachloroethane	0.574	0.610	0.100	6.2975	20.0
Nitrobenzene	0.395	0.445	0.050	12.5705	25.0
Isophorone	0.768	0.832	0.050	8.3991	25.0
2-Nitrophenol	0.187	0.209	0.050	11.5476	25.0
2,4-Dimethylphenol	0.351	0.379	0.050	8.0457	25.0
Bis(2-Chloroethoxy)methane	0.472	0.512	0.050	8.4785	20.0
2,4-Dichlorophenol	0.347	0.384	0.060	10.7093	20.0
Naphthalene	1.061	1.131	0.200	6.5472	20.0
4-Chloroaniline	0.437	0.458	0.010	4.9331	40.0
Hexachlorobutadiene	0.247	0.277	0.040	11.7322	30.0
Caprolactam	0.103	0.116	0.010	12.3833	40.0
4-Chloro-3-methylphenol	0.324	0.357	0.040	10.1319	25.0
1-Methylnaphthalene	0.756	0.805	0.100	6.5833	20.0
2-Methylnaphthalene	0.760	0.814	0.100	7.1912	20.0
Hexachlorocyclopentadiene	0.415	0.432	0.010	3.8986	40.0
2,4,6-Trichlorophenol	0.426	0.476	0.090	11.8845	25.0
2,4,5-Trichlorophenol	0.456	0.505	0.100	10.6563	25.0
1,1-Biphenyl	1.464	1.557	0.200	6.3283	20.0
2-Chloronaphthalene	1.171	1.250	0.300	6.751	20.0
2-Nitroaniline	0.309	0.359	0.050	16.0288	40.0
Dimethylphthalate	1.473	1.570	0.300	6.5896	20.0
2,6-Dinitrotoluene	0.275	0.300	0.080	9.0441	30.0
Acenaphthylene	1.742	1.865	0.400	7.0347	20.0
3-Nitroaniline	0.270	0.295	0.010	9.5842	40.0
Acenaphthene	1.245	1.331	0.200	6.9685	20.0
2,4-Dinitrophenol	0.172	0.172	0.010	0.0142	40.0
4-Nitrophenol	0.182	0.201	0.010	10.8447	40.0
Dibenzofuran	1.768	1.941	0.300	9.804	20.0

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Instrument ID: BNA_M Calibration Date/Time: 1/24/2025 1:13:22

Lab File ID: BM049434.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020074 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	0.452	0.070	10.9431	30.0
Diethylphthalate	1.435	1.545	0.300	7.6433	20.0
Fluorene	1.444	1.651	0.200	14.2957	20.0
4-Chlorophenyl-phenylether	0.787	0.886	0.100	12.5722	20.0
4-Nitroaniline	0.243	0.309	0.010	27.5861	40.0
4,6-Dinitro-2-methylphenol	0.139	0.143	0.010	3.0932	40.0
N-Nitrosodiphenylamine	0.593	0.619	0.050	4.3856	20.0
1,2,4,5-Tetrachlorobenzene	0.692	0.748	0.100	8.0476	20.0
4-Bromophenyl-phenylether	0.227	0.236	0.070	3.7043	20.0
Hexachlorobenzene	0.264	0.274	0.050	3.7625	25.0
Atrazine	0.243	0.261	0.010	7.6464	25.0
Pentachlorophenol	0.175	0.182	0.010	4.0715	40.0
Phenanthrene	1.112	1.192	0.200	7.1802	20.0
Pentachlorobenzene	0.334	0.338	0.050	1.2327	20.0
Anthracene	1.116	1.221	0.200	9.4353	20.0
1,2,3,4-Tetrachlorobenzene	0.334	0.336	0.050	0.3806	20.0
Carbazole	0.990	1.098	0.050	10.8899	40.0
Di-n-butylphthalate	1.213	1.368	0.500	12.7292	25.0
Fluoranthene	1.399	1.308	0.400	-6.4697	25.0
Pyrene	1.489	1.439	0.400	-3.362	25.0
Butylbenzylphthalate	0.527	0.556	0.100	5.5718	40.0
3,3-Dichlorobenzidine	0.375	0.435	0.010	16.2297	40.0
Benzo (a) anthracene	1.394	1.485	0.300	6.5572	30.0
Chrysene	1.272	1.364	0.200	7.1743	30.0
Bis(2-ethylhexyl)phthalate	0.784	0.831	0.200	6.0547	40.0
Di-n-octyl phthalate	1.457	1.342	0.010	-7.9213	40.0
Benzo (b) fluoranthene	1.339	1.381	0.200	3.18	25.0
Benzo (k) fluoranthene	1.335	1.354	0.200	1.4223	25.0
Benzo (a) pyrene	1.209	1.289	0.200	6.6148	20.0
Indeno (1,2,3-cd) pyrene	1.387	1.570	0.200	13.1627	25.0
Dibenzo (a,h) anthracene	1.130	1.282	0.200	13.5214	30.0
Benzo (g,h,i) perylene	1.035	1.191	0.200	15.0319	30.0
2,3,4,6-Tetrachlorophenol	0.386	0.434	0.040	12.5332	20.0
1,4-Dioxane-d8	0.483	0.534	0.010	10.3857	25.0
Pyridine-d5	1.539	1.662	0.010	8.008	40.0
Phenol-d5	1.679	1.768	0.010	5.2988	25.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.234	0.050	10.4246	25.0
2-Chlorophenol-d4	1.284	1.368	0.200	6.5097	20.0
4-Methylphenol-d8	1.302	1.338	0.010	2.7529	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012425 SAS No.: BM012425 SDG No.: BM012425

Instrument ID: BNA_M Calibration Date/Time: 1/24/2025 1:13:22

Lab File ID: BM049434.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020074 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.164	0.050	7.8212	20.0
2-Nitrophenol-d4	0.170	0.189	0.050	10.8478	30.0
2,4-Dichlorophenol-d3	0.348	0.383	0.060	10.0545	20.0
4-Chloroaniline-d4	0.458	0.478	0.010	4.4154	40.0
Dimethylphthalate-d6	1.489	1.585	0.300	6.4612	20.0
Acenaphthylene-d8	1.699	1.833	0.400	7.8607	20.0
4-Nitrophenol-d4	0.247	0.268	0.010	8.7916	40.0
Fluorene-d10	1.286	1.442	0.100	12.1152	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.132	0.010	3.2755	40.0
Anthracene-d10	0.989	1.083	0.300	9.5521	20.0
Pyrene-d10	1.217	1.160	0.300	-4.7012	25.0
Benzo(a)pyrene-d12	1.074	1.146	0.010	6.7845	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.: BM012425 SAS No.: BM012425 SDG No.: BM012425
Instrument ID: BNA_M Calibration Date/Time: 1/24/2025 1:18:33
Lab File ID: BM049441.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020075 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	0.628	0.010	18.6645	50.0
Benzaldehyde	0.905	1.170	0.010	29.2438	50.0
Pyridine	1.556	1.711	0.010	9.9756	50.0
Phenol	1.746	1.778	0.080	1.8515	50.0
Bis(2-Chloroethyl)ether	1.421	1.467	0.100	3.2037	50.0
2-Chlorophenol	1.335	1.412	0.200	5.7378	50.0
2-Methylphenol	1.275	1.251	0.010	-1.8844	50.0
2,2-oxybis(1-Chloropropane)	2.130	2.356	0.010	10.6012	50.0
Acetophenone	2.126	2.116	0.060	-0.495	50.0
4-Methylphenol	1.397	1.363	0.010	-2.4807	50.0
N-Nitroso-di-n-propylamine	1.148	1.163	0.050	1.2408	50.0
Hexachloroethane	0.574	0.610	0.100	6.4255	50.0
Nitrobenzene	0.395	0.433	0.050	9.5472	50.0
Isophorone	0.768	0.784	0.050	2.1257	50.0
2-Nitrophenol	0.187	0.198	0.050	5.6624	50.0
2,4-Dimethylphenol	0.351	0.366	0.050	4.2913	50.0
Bis(2-Chloroethoxy)methane	0.472	0.487	0.050	3.223	50.0
2,4-Dichlorophenol	0.347	0.368	0.060	6.1422	50.0
Naphthalene	1.061	1.120	0.200	5.5154	50.0
4-Chloroaniline	0.437	0.433	0.010	-0.9026	50.0
Hexachlorobutadiene	0.247	0.273	0.040	10.4628	50.0
Caprolactam	0.103	0.098	0.010	-5.2443	50.0
4-Chloro-3-methylphenol	0.324	0.322	0.040	-0.5557	50.0
1-Methylnaphthalene	0.756	0.766	0.100	1.3694	50.0
2-Methylnaphthalene	0.760	0.770	0.100	1.3297	50.0
Hexachlorocyclopentadiene	0.415	0.435	0.010	4.7238	50.0
2,4,6-Trichlorophenol	0.426	0.462	0.090	8.4815	50.0
2,4,5-Trichlorophenol	0.456	0.492	0.100	7.8513	50.0
1,1-Biphenyl	1.464	1.582	0.200	8.0201	50.0
2-Chloronaphthalene	1.171	1.283	0.300	9.5866	50.0
2-Nitroaniline	0.309	0.336	0.050	8.5949	50.0
Dimethylphthalate	1.473	1.543	0.300	4.7642	50.0
2,6-Dinitrotoluene	0.275	0.288	0.080	4.9114	50.0
Acenaphthylene	1.742	1.864	0.400	6.9675	50.0
3-Nitroaniline	0.270	0.272	0.010	0.8773	50.0
Acenaphthene	1.245	1.320	0.200	6.0363	50.0
2,4-Dinitrophenol	0.172	0.147	0.010	-14.6305	50.0
4-Nitrophenol	0.182	0.180	0.010	-0.9525	50.0
Dibenzofuran	1.768	1.922	0.300	8.721	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012425 SAS No.: BM012425 SDG No.: BM012425

Instrument ID: BNA_M Calibration Date/Time: 1/24/2025 1:18:33

Lab File ID: BM049441.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020075 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	0.434	0.070	6.5632	50.0
Diethylphthalate	1.435	1.496	0.300	4.2447	50.0
Fluorene	1.444	1.586	0.200	9.8527	50.0
4-Chlorophenyl-phenylether	0.787	0.850	0.100	7.9803	50.0
4-Nitroaniline	0.243	0.285	0.010	17.3132	50.0
4,6-Dinitro-2-methylphenol	0.139	0.138	0.010	-0.5529	50.0
N-Nitrosodiphenylamine	0.593	0.639	0.050	7.6281	50.0
1,2,4,5-Tetrachlorobenzene	0.692	0.756	0.100	9.2493	50.0
4-Bromophenyl-phenylether	0.227	0.248	0.070	9.1158	50.0
Hexachlorobenzene	0.264	0.279	0.050	5.3574	50.0
Atrazine	0.243	0.249	0.010	2.8392	50.0
Pentachlorophenol	0.175	0.170	0.010	-3.1933	50.0
Phenanthrene	1.112	1.191	0.200	7.1215	50.0
Pentachlorobenzene	0.334	0.361	0.050	8.2274	50.0
Anthracene	1.116	1.210	0.200	8.4395	50.0
1,2,3,4-Tetrachlorobenzene	0.334	0.365	0.050	9.2651	50.0
Carbazole	0.990	1.066	0.050	7.6914	50.0
Di-n-butylphthalate	1.213	1.250	0.500	3.0085	50.0
Fluoranthene	1.399	1.405	0.400	0.4246	50.0
Pyrene	1.489	1.505	0.400	1.0938	50.0
Butylbenzylphthalate	0.527	0.513	0.100	-2.7093	50.0
3,3-Dichlorobenzidine	0.375	0.392	0.010	4.6652	50.0
Benzo (a) anthracene	1.394	1.489	0.300	6.8603	50.0
Chrysene	1.272	1.383	0.200	8.6568	50.0
Bis(2-ethylhexyl)phthalate	0.784	0.777	0.200	-0.852	50.0
Di-n-octyl phthalate	1.457	1.215	0.010	-16.6126	50.0
Benzo (b) fluoranthene	1.339	1.357	0.200	1.3617	50.0
Benzo (k) fluoranthene	1.335	1.374	0.200	2.9329	50.0
Benzo (a) pyrene	1.209	1.269	0.200	4.9428	50.0
Indeno (1,2,3-cd) pyrene	1.387	1.568	0.200	13.0494	50.0
Dibenzo (a,h) anthracene	1.130	1.267	0.200	12.1949	50.0
Benzo (g,h,i) perylene	1.035	1.193	0.200	15.2254	50.0
2,3,4,6-Tetrachlorophenol	0.386	0.413	0.040	7.2407	50.0
1,4-Dioxane-d8	0.483	0.584	0.010	20.722	50.0
Pyridine-d5	1.539	1.671	0.010	8.5728	50.0
Phenol-d5	1.679	1.707	0.010	1.6947	50.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.183	0.050	5.802	50.0
2-Chlorophenol-d4	1.284	1.361	0.200	5.9398	50.0
4-Methylphenol-d8	1.302	1.252	0.010	-3.8358	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012425 SAS No.: BM012425 SDG No.: BM012425

Instrument ID: BNA_M Calibration Date/Time: 1/24/2025 1:18:33

Lab File ID: BM049441.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020075 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	5.7124	50.0
2-Nitrophenol-d4	0.170	0.177	0.050	3.946	50.0
2,4-Dichlorophenol-d3	0.348	0.365	0.060	4.9514	50.0
4-Chloroaniline-d4	0.458	0.452	0.010	-1.3544	50.0
Dimethylphthalate-d6	1.489	1.563	0.300	4.9746	50.0
Acenaphthylene-d8	1.699	1.833	0.400	7.8583	50.0
4-Nitrophenol-d4	0.247	0.243	0.010	-1.3093	50.0
Fluorene-d10	1.286	1.382	0.100	7.4775	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.122	0.010	-4.649	50.0
Anthracene-d10	0.989	1.072	0.300	8.4307	50.0
Pyrene-d10	1.217	1.219	0.300	0.145	50.0
Benzo(a)pyrene-d12	1.074	1.127	0.010	5.0111	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BM012425
Lab Sample ID:	PB166118BL	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
BM049435.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BM012425
Lab Sample ID:	PB166118BL	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
BM049435.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BM012425
Lab Sample ID:	PB166118BL	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
BM049435.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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	8.895		15-120		111	SPK: -8
7291-22-7	Pyridine-d5	42.918		20-120		107	SPK: -40
4165-62-2	Phenol-d5	42.53		10-130		106	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	41.113		25-120		103	SPK: -40
93951-73-6	2-Chlorophenol-d4	43.745		20-130		109	SPK: -40
190780-66-6	4-Methylphenol-d8	40.405		25-125		101	SPK: -40
4165-60-0	Nitrobenzene-d5	43.006		20-125		108	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.832		20-130		110	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.603		20-120		104	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.223		1-146		96	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.916		25-130		105	SPK: -40
93951-97-4	Acenaphthylene-d8	43.048		10-130		108	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.194		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	42.733		25-125		107	SPK: -40

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BM012425
Lab Sample ID:	PB166118BL	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
BM049435.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.465		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	42.597		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	46.535		15-130		116	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.349		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185647	7.516				
1146-65-2	Naphthalene-d8	670233	10.275				
15067-26-2	Acenaphthene-d10	423414	14.157				
1517-22-2	Phenanthrene-d10	826662	16.91				
1719-03-5	Chrysene-d12	680334	21.139				
1520-96-3	Perylene-d12	668789	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4.9	J			17.833	
000057-11-4	Octadecanoic acid	2.5	J			19.127	
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:	SBLK197	SDG No.:	BM012425
Lab Sample ID:	PB166197BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049436.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BM012425
Lab Sample ID:	PB166197BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049436.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BM012425
Lab Sample ID:	PB166197BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049436.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.461		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	24.974		20-120		62	SPK: -40
4165-62-2	Phenol-d5	24.432		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.316		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.139		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.122		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.275		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.764		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.234		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.972		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.16		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.437		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.105		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	25.264		20-140		63	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:	SBLK197	SDG No.:	BM012425
Lab Sample ID:	PB166197BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049436.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.216		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	24.476		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.726		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.31		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241176	7.516				
1146-65-2	Naphthalene-d8	866368	10.275				
15067-26-2	Acenaphthene-d10	580344	14.157				
1517-22-2	Phenanthrene-d10	1229224	16.91				
1719-03-5	Chrysene-d12	1115148	21.139				
1520-96-3	Perylene-d12	1081581	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE3	SDG No.:	BM012425
Lab Sample ID:	Q1086-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049437.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17		0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE3	SDG No.:	BM012425
Lab Sample ID:	Q1086-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049437.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE3	SDG No.:	BM012425
Lab Sample ID:	Q1086-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049437.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.432		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	4.894	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	7.602		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.174		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.152		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.155		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	31.244		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.193		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.192		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.228		1-146		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.068		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.359		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.573		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	35.153		25-125		88	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:	C0AE3	SDG No.:	BM012425
Lab Sample ID:	Q1086-18	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
BM049437.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.536		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	34.296		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	34.33		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.06		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210973	7.516				
1146-65-2	Naphthalene-d8	797348	10.275				
15067-26-2	Acenaphthene-d10	537127	14.157				
1517-22-2	Phenanthrene-d10	1114332	16.909				
1719-03-5	Chrysene-d12	1081555	21.139				
1520-96-3	Perylene-d12	974897	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	2.1	J			9.239	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	56	J			10.081	
000119-61-9	Benzophenone	26	J			15.533	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	5.7	J			16.092	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	2	J			17.215	
000057-10-3	n-Hexadecanoic acid	9	J			17.839	
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	3	J			18.674	
000057-11-4	Octadecanoic acid	3	J			19.127	
000506-52-5	1-Hexacosanol	2.7	J			20.862	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE4	SDG No.:	BM012425
Lab Sample ID:	Q1086-19	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
BM049438.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23		0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE4	SDG No.:	BM012425
Lab Sample ID:	Q1086-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049438.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE4	SDG No.:	BM012425
Lab Sample ID:	Q1086-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	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
BM049438.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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	4.386		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	0.976	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	4.36		10-130		11	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.647		25-120		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.605		20-130		37	SPK: -40
190780-66-6	4-Methylphenol-d8	8.751	*	25-125		22	SPK: -40
4165-60-0	Nitrobenzene-d5	18.859		20-125		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.022		20-130		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.326		20-120		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.522		1-146		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.005		25-130		55	SPK: -40
93951-97-4	Acenaphthylene-d8	17.056		10-130		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.396	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	22.528		25-125		56	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:	C0AE4	SDG No.:	BM012425
Lab Sample ID:	Q1086-19	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
BM049438.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.042		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	12.475		25-130		31	SPK: -40
1718-52-1	Pyrene-d10	21.233		15-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.771		20-130		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241383	7.516				
1146-65-2	Naphthalene-d8	904515	10.275				
15067-26-2	Acenaphthene-d10	608179	14.157				
1517-22-2	Phenanthrene-d10	1272986	16.904				
1719-03-5	Chrysene-d12	1283837	21.139				
1520-96-3	Perylene-d12	1167421	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	2.2	J			9.234	
000119-61-9	Benzophenone	29	J			15.527	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	3.7	J			16.092	
000057-10-3	n-Hexadecanoic acid	14	J			17.839	
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	2.5	J			18.674	
000057-11-4	Octadecanoic acid	2.6	J			19.127	
	(DEL) Alkane: Straight-Chain20.856	4.4	J			20.856	
E966796	Total Alkanes	4.4				99	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE5	SDG No.:	BM012425
Lab Sample ID:	Q1086-20	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
BM049439.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.2		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE5	SDG No.:	BM012425
Lab Sample ID:	Q1086-20	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
BM049439.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	C0AE5	SDG No.:	BM012425
Lab Sample ID:	Q1086-20	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
BM049439.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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	4.867		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	5.659	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	7.687		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.041		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.12		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.292		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	30.509		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.685		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.781		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.933		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.596		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.758		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.64		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	34.745		25-125		87	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:	C0AE5	SDG No.:	BM012425
Lab Sample ID:	Q1086-20	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
BM049439.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.642		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	34.545		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	34.684		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.794		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189760	7.516				
1146-65-2	Naphthalene-d8	705541	10.275				
15067-26-2	Acenaphthene-d10	468474	14.157				
1517-22-2	Phenanthrene-d10	971520	16.904				
1719-03-5	Chrysene-d12	932358	21.133				
1520-96-3	Perylene-d12	971877	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	49	J			10.075	
005888-33-5	2-Propenoic acid, 1,7,7-trimethylb	3.8	J			12.886	
000119-61-9	Benzophenone	5.8	J			15.527	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	4.8	J			17.215	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SLCS118	SDG No.:	BM012425
Lab Sample ID:	PB166118BS	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
BM049440.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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	3.8	J	2.5	5	10	ug/L
110-86-1	Pyridine	30		1.4	10	10	ug/L
108-95-2	Phenol	29		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	27		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29		1.4	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	27		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		1.5	2.5	5	ug/L
91-20-3	Naphthalene	28		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	13		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		1.2	2.5	5	ug/L
105-60-2	Caprolactam	25		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		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

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SLCS118	SDG No.:	BM012425
Lab Sample ID:	PB166118BS	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
BM049440.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	29		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	23		0.84	5	10	ug/L
83-32-9	Acenaphthene	29		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	26		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	28		1.5	5	10	ug/L
132-64-9	Dibenzofuran	29		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	29		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	28		1.5	2.5	5	ug/L
86-73-7	Fluorene	30		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		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	28		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.6	2.5	5	ug/L
1912-24-9	Atrazine	25		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	27		3.6	5	10	ug/L
85-01-8	Phenanthrene	29		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.5	2.5	5	ug/L
120-12-7	Anthracene	29		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.2	2.5	5	ug/L
86-74-8	Carbazole	29		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SLCS118	SDG No.:	BM012425
Lab Sample ID:	PB166118BS	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
BM049440.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	24		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.4	2.5	5	ug/L
218-01-9	Chrysene	29		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	24		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.239		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	29.404		20-120		74	SPK: -40
4165-62-2	Phenol-d5	28.794		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.95		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.51		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.998		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.551		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.947		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.081		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.619		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.312		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.915		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.271		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	29.457		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SLCS118	SDG No.:	BM012425
Lab Sample ID:	PB166118BS	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
BM049440.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.159		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	28.954		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	28.221		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.207		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166054	7.516				
1146-65-2	Naphthalene-d8	611707	10.275				
15067-26-2	Acenaphthene-d10	403039	14.157				
1517-22-2	Phenanthrene-d10	821484	16.91				
1719-03-5	Chrysene-d12	784350	21.139				
1520-96-3	Perylene-d12	758848	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6719			SDG No.:	BM012425		
Lab Sample ID:	SP6719			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049442.D	1		1/24/2025 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490	U	490	500	2000	ug/L
100-52-7	Benzaldehyde	2500	U	2500	5000	10000	ug/L
110-86-1	Pyridine	1400	U	1400	10000	10000	ug/L
108-95-2	Phenol	1400	U	1400	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	1300	U	1300	2500	5000	ug/L
95-48-7	2-Methylphenol	1400	U	1400	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1400	U	1400	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1400	U	1400	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1600	U	1600	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1400	U	1400	2500	5000	ug/L
88-75-5	2-Nitrophenol	1400	U	1400	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	980	U	980	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1500	U	1500	2500	5000	ug/L
91-20-3	Naphthalene	1300	U	1300	2500	5000	ug/L
106-47-8	4-Chloroaniline	1400	U	1400	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1200	U	1200	2500	5000	ug/L
105-60-2	Caprolactam	4500	U	4500	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	1300	U	1300	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1400	U	1400	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3300	U	3300	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	2500	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6719			SDG No.:	BM012425		
Lab Sample ID:	SP6719			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049442.D	1		1/24/2025 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1600	U	1600	2500	5000	ug/L
88-74-4	2-Nitroaniline	1200	U	1200	2500	5000	ug/L
131-11-3	Dimethylphthalate	1500	U	1500	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1100	U	1100	2500	5000	ug/L
208-96-8	Acenaphthylene	1500	U	1500	2500	5000	ug/L
99-09-2	3-Nitroaniline	840	U	840	5000	10000	ug/L
83-32-9	Acenaphthene	1500	U	1500	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	5900	U	5900	5000	10000	ug/L
100-02-7	4-Nitrophenol	1500	U	1500	5000	10000	ug/L
132-64-9	Dibenzofuran	1500	U	1500	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1100	U	1100	2500	5000	ug/L
84-66-2	Diethylphthalate	1500	U	1500	2500	5000	ug/L
86-73-7	Fluorene	1500	U	1500	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	2500	5000	ug/L
100-01-6	4-Nitroaniline	1300	U	1300	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	940	U	940	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	1500	U	1500	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1600	U	1600	2500	5000	ug/L
1912-24-9	Atrazine	1600	U	1600	5000	10000	ug/L
87-86-5	Pentachlorophenol	3600	U	3600	5000	10000	ug/L
85-01-8	Phenanthrene	1600	U	1600	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1500	U	1500	2500	5000	ug/L
120-12-7	Anthracene	1400	U	1400	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	2500	5000	ug/L
86-74-8	Carbazole	1600	U	1600	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1700	U	1700	2500	5000	ug/L
206-44-0	Fluoranthene	1700	U	1700	5000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6719	SDG No.:	BM012425
Lab Sample ID:	SP6719	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049442.D	1		1/24/2025 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	U	1700	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	1500	U	1500	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	U	1100	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1400	U	1400	2500	5000	ug/L
218-01-9	Chrysene	1500	U	1500	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1800	U	1800	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1400	U	1400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1600	U	1600	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1700	U	1700	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1500	U	1500	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1400	U	1400	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1400	U	1400	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	13957	*	15-120		174463	SPK: -8
7291-22-7	Pyridine-d5	92957	*	20-120		232393	SPK: -40
4165-62-2	Phenol-d5	94299	*	10-130		235748	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	89276	*	25-120		223190	SPK: -40
93951-73-6	2-Chlorophenol-d4	96175	*	20-130		240438	SPK: -40
190780-66-6	4-Methylphenol-d8	89618	*	25-125		224045	SPK: -40
4165-60-0	Nitrobenzene-d5	97051	*	20-125		242627	SPK: -40
93951-78-1	2-Nitrophenol-d4	99190	*	20-130		247975	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	95859	*	20-120		239648	SPK: -40
191656-33-4	4-Chloroaniline-d4	87651	*	1-146		219127	SPK: -40
85448-30-2	Dimethylphthalate-d6	97727	*	25-130		244318	SPK: -40
93951-97-4	Acenaphthylene-d8	98441	*	10-130		246102	SPK: -40
93951-79-2	4-Nitrophenol-d4	85841	*	10-150		214602	SPK: -40
81103-79-9	Fluorene-d10	99853	*	25-125		249632	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6719			SDG No.:	BM012425		
Lab Sample ID:	SP6719			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049442.D	1		1/24/2025 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	80965	*	10-130		202413	SPK: -40
1719-06-8	Anthracene-d10	97969	*	25-130		244923	SPK: -40
1718-52-1	Pyrene-d10	107562	*	15-130		268905	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	103086	*	20-130		257715	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155647	7.522				
1146-65-2	Naphthalene-d8	554776	10.275				
15067-26-2	Acenaphthene-d10	352938	14.157				
1517-22-2	Phenanthrene-d10	754596	16.904				
1719-03-5	Chrysene-d12	638694	21.133				
1520-96-3	Perylene-d12	616463	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1700	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM012425

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AE3								
Q1086-18	C0AE3	Water	1,2-Benzenedicarboxylic acid, bis *	2.000	J			
Q1086-18	C0AE3	Water	1-Hexacosanol *	2.700	J			
Q1086-18	C0AE3	Water	10,18-Bisnorabieta-8,11,13-triene *	3.000	J			
Q1086-18	C0AE3	Water	Benzophenone *	26.000	J			
Q1086-18	C0AE3	Water	Ethanol, 2-(2-butoxyethoxy)- *	56.000	J			
Q1086-18	C0AE3	Water	Methanone, (1-hydroxycyclohexy *	5.700	J			
Q1086-18	C0AE3	Water	n-Hexadecanoic acid *	9.000	J			
Q1086-18	C0AE3	Water	Octadecanoic acid *	3.000	J			
Q1086-18	C0AE3	Water	Pentanedioic acid, dimethyl ester *	2.100	J			
Q1086-18	C0AE3	Water	Total Alkanes *	0.000		1.7	5.1	ug/L
			Total Tics :			109.50		
Q1086-18	C0AE3	Water	1,4-Dioxane	17.000		0.49	2	ug/L
			Total Svoc :			17.00		
			Total Concentration:			126.50		
Client ID : C0AE4								
Q1086-19	C0AE4	Water	(DEL) Alkane: Straight-Chain20.8 *	4.400	J			
Q1086-19	C0AE4	Water	10,18-Bisnorabieta-8,11,13-triene *	2.500	J			
Q1086-19	C0AE4	Water	Benzophenone *	29.000	J			
Q1086-19	C0AE4	Water	Methanone, (1-hydroxycyclohexy *	3.700	J			
Q1086-19	C0AE4	Water	n-Hexadecanoic acid *	14.000	J			
Q1086-19	C0AE4	Water	Octadecanoic acid *	2.600	J			
Q1086-19	C0AE4	Water	Pentanedioic acid, dimethyl ester *	2.200	J			
Q1086-19	C0AE4	Water	Total Alkanes *	4.400		1.7	5.1	ug/L
			Total Tics :			62.80		
Q1086-19	C0AE4	Water	1,4-Dioxane	23.000		0.49	2	ug/L
			Total Svoc :			23.00		
			Total Concentration:			85.80		
Client ID : C0AE5								
Q1086-20	C0AE5	Water	1,2-Benzenedicarboxylic acid, bis *	4.800	J			
Q1086-20	C0AE5	Water	2-Propenoic acid, 1,7,7-trimethylt *	3.800	J			
Q1086-20	C0AE5	Water	Benzophenone *	5.800	J			
Q1086-20	C0AE5	Water	Ethanol, 2-(2-butoxyethoxy)- *	49.000	J			
Q1086-20	C0AE5	Water	Total Alkanes *	0.000		1.7	5	ug/L
			Total Tics :			63.40		
Q1086-20	C0AE5	Water	1,4-Dioxane	7.200		0.49	2	ug/L
			Total Svoc :			7.20		

Hit Summary Sheet
SW-846

SDG No.: BM012425

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:					70.60		
Client ID :	SP6719						
SP6719	SP6719	Water	Total Alkanes	*	0.000	1700	5000 ug/L
Total Tics :					0.00		
Total Concentration:					0.00		



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.

Form VI SV-1



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.

Form VI SV-1



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.: BM012425 SAS No.: BM012425 SDG NO.: BM012425

EPA Sample No.: SSTD020008 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 14:14

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 SBLK118	185647	7.52	670233	10.28	423414	14.16
02 SBLK197	241176	7.52	866368	10.28	580344	14.16
03 C0AE3	210973	7.52	797348	10.28	537127	14.16
04 C0AE4	241383	7.52	904515	10.28	608179	14.16
05 C0AE5	189760	7.52	705541	10.28	468474	14.16
06 SLCS118	166054	7.52	611707	10.28	403039	14.16
07 SP6719	155647	7.52	554776	10.28	352938 *	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.: BM012425 SAS No.: BM012425 SDG NO.: BM012425

EPA Sample No.: SSTD020074 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BM049434.D Time Analyzed: 14:14

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	205468	7.517	791170	10.28	560520	14.16
UPPER LIMIT	410936	8.017	1582340	10.775	1121040	14.657
LOWER LIMIT	102734	7.017	395585	9.775	280260	13.657
EPA SAMPLE NO.						
01 SBLK118	185647	7.52	670233	10.28	423414	14.16
02 SBLK197	241176	7.52	866368	10.28	580344	14.16
03 C0AE3	210973	7.52	797348	10.28	537127	14.16
04 C0AE4	241383	7.52	904515	10.28	608179	14.16
05 C0AE5	189760	7.52	705541	10.28	468474	14.16
06 SLCS118	166054	7.52	611707	10.28	403039	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.: BM012425 SAS No.: BM012425 SDG NO.: BM012425

EPA Sample No.: SSTD020075 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BM049441.D Time Analyzed: 19:51

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	194439	7.516	724639	10.28	469525	14.16
UPPER LIMIT	388878	8.016	1449278	10.775	939050	14.657
LOWER LIMIT	97219.5	7.016	362319.5	9.775	234762.5	13.657
EPA SAMPLE NO.						
01 SP6719	155647	7.52	554776	10.28	352938	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.: BM012425 SAS No.: BM012425 SDG NO.: BM012425

EPA Sample No.: SSTD020008 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 14:14

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+04	16.915	1.43091e+	21.145	1.19661e+04	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 SBLK118	826662	16.91	680334 *	21.14	668789	23.92
02 SBLK197	1.22922	16.91	1.11515e+	21.14	1.08158e+	23.92
03 C0AE3	1.11433	16.91	1.08156e+	21.14	974897	23.92
04 C0AE4	1.27299	16.90	1.28384e+	21.14	1.16742e+	23.92
05 C0AE5	971520	16.90	932358	21.13	971877	23.92
06 SLCS118	821484	16.91	784350	21.14	758848	23.92
07 SP6719	754596 *	16.90	638694 *	21.13	616463	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.: BM012425 SAS No.: BM012425 SDG NO.: BM012425

EPA Sample No.: SSTD020074 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BM049434.D Time Analyzed: 14:14

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	1.22291e+01	16.91	1.41905e+01	21.139	1.48878e+01	23.921
UPPER LIMIT	2445820	17.41	2838100	21.639	2977560	24.421
LOWER LIMIT	611455	16.41	709525	20.639	744390	23.421
EPA SAMPLE NO.						
01 SBLK118	826662	16.91	680334 *	21.14	668789 *	23.92
02 SBLK197	1.22922	16.91	1.11515e+01	21.14	1.08158e+01	23.92
03 C0AE3	1.11433	16.91	1.08156e+01	21.14	974897	23.92
04 C0AE4	1.27299	16.90	1.28384e+01	21.14	1.16742e+01	23.92
05 C0AE5	971520	16.90	932358	21.13	971877	23.92
06 SLCS118	821484	16.91	784350	21.14	758848	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.: BM012425 SAS No.: BM012425 SDG NO.: BM012425

EPA Sample No.: SSTD020075 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BM049441.D Time Analyzed: 19:51

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	944812	16.904	949195	21.139	959360	23.915
UPPER LIMIT	1889624	17.404	1898390	21.639	1918720	24.415
LOWER LIMIT	472406	16.404	474597.5	20.639	479680	23.415
EPA SAMPLE NO.						
01 SP6719	754596	16.90	638694	21.13	616463	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.: BM012425

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166118BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	3.8	ug/L	10				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	29	ug/L	73				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	29	ug/L	73				0	0	
	Acetophenone	40	26	ug/L	65				0	0	
	4-Methylphenol	40	27	ug/L	68				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	28	ug/L	70				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	29	ug/L	73				0	0	
	2,4-Dimethylphenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	30	ug/L	75				0	0	
	Naphthalene	40	28	ug/L	70				0	0	
	4-Chloroaniline	40	13	ug/L	33				0	0	
	Hexachlorobutadiene	40	29	ug/L	73				0	0	
	Caprolactam	40	25	ug/L	63				0	0	
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	27	ug/L	68				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	29	ug/L	73				0	0	
	2-Chloronaphthalene	40	29	ug/L	73				0	0	
	2-Nitroaniline	40	30	ug/L	75				0	0	
	Dimethylphthalate	40	28	ug/L	70				0	0	
	2,6-Dinitrotoluene	40	29	ug/L	73				0	0	
	Acenaphthylene	40	29	ug/L	73				0	0	
	3-Nitroaniline	40	23	ug/L	58				0	0	
	Acenaphthene	40	29	ug/L	73				0	0	
	2,4-Dinitrophenol	40	26	ug/L	65				0	0	
	4-Nitrophenol	40	28	ug/L	70				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	29	ug/L	73				0	0	
	Diethylphthalate	40	28	ug/L	70				0	0	
	Fluorene	40	30	ug/L	75				0	0	
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012425

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166118BS	4,6-Dinitro-2-methylphenol	40	28	ug/L	70				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0		
	Hexachlorobenzene	40	29	ug/L	73				0	0		
	Atrazine	40	25	ug/L	63				0	0		
	Pentachlorophenol	40	27	ug/L	68				0	0		
	Phenanthrene	40	29	ug/L	73				0	0		
	Pentachlorobenzene	40	28	ug/L	70				0	0		
	Anthracene	40	29	ug/L	73				0	0		
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	Carbazole	40	29	ug/L	73				0	0		
	Di-n-butylphthalate	40	28	ug/L	70				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	27	ug/L	68				0	0		
	3,3'-Dichlorobenzidine	40	24	ug/L	60				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	29	ug/L	73				0	0		
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0		
	Di-n-octylphthalate	40	24	ug/L	60				0	0		
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	32	ug/L	80				0	0		
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0		
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0		
	2,3,4,6-Tetrachlorophenol	40	30	ug/L	75				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6719

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012425

SAS No.: BM012425 SDG NO.: BM012425

Lab File ID: BM049442.D

Lab Sample ID: SP6719

Instrument ID: BNA_M

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 01/24/2025

Level: (low/med) LOW

Time Analyzed: 19:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6719	SP6719	BM049442.D	01/24/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK118

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012425

SAS No.: BM012425 SDG NO.: BM012425

Lab File ID: BM049435.D

Lab Sample ID: PB166118BL

Instrument ID: BNA_M

Date Extracted: 01/17/2025

Matrix: (soil/water) Water

Date Analyzed: 01/24/2025

Level: (low/med) LOW

Time Analyzed: 14:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AE3	Q1086-18	BM049437.D	01/24/2025
C0AE4	Q1086-19	BM049438.D	01/24/2025
C0AE5	Q1086-20	BM049439.D	01/24/2025
PB166118BS	PB166118BS	BM049440.D	01/24/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK197

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012425

SAS No.: BM012425 SDG NO.: BM012425

Lab File ID: BM049436.D

Lab Sample ID: PB166197BL

Instrument ID: BNA_M

Date Extracted: 01/23/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/24/2025

Level: (low/med) LOW

Time Analyzed: 15:05

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

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

COMMENTS:

Surrogate Summary

SW-846

SDG No.: BM012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6719	SP6719	BM049442.D	1,4-Dioxane-d8	8	13,957.00	174463	*	15	120
			Pyridine-d5	40	92,957.00	232393	*	20	120
			Phenol-d5	40	94,299.00	235748	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	89,276.00	223190	*	25	120
			2-Chlorophenol-d4	40	96,175.00	240438	*	20	130
			4-Methylphenol-d8	40	89,618.00	224045	*	25	125
			Nitrobenzene-d5	40	97,051.00	242627	*	20	125
			2-Nitrophenol-d4	40	99,190.00	247975	*	20	130
			2,4-Dichlorophenol-d3	40	95,859.00	239648	*	20	120
			4-Chloroaniline-d4	40	87,651.00	219127	*	1	146
			Dimethylphthalate-d6	40	97,727.00	244318	*	25	130
			Acenaphthylene-d8	40	98,441.00	246102	*	10	130
			4-Nitrophenol-d4	40	85,841.00	214602	*	10	150
			Fluorene-d10	40	99,853.00	249632	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	80,965.00	202413	*	10	130
			Anthracene-d10	40	97,969.00	244923	*	25	130
			Pyrene-d10	40	107,562.00	268905	*	15	130
			Benzo(a)pyrene-d12	40	103,086.00	257715	*	20	130

Surrogate Summary

SW-846

SDG No.: BM012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166118BL	PB166118BL	BM049435.D	1,4-Dioxane-d8	8	8.90	111		15	120
			Pyridine-d5	40	42.92	107		20	120
			Phenol-d5	40	42.53	106		10	130
			Bis(2-Chloroethyl)ether-d8	40	41.11	103		25	120
			2-Chlorophenol-d4	40	43.75	109		20	130
			4-Methylphenol-d8	40	40.41	101		25	125
			Nitrobenzene-d5	40	43.01	108		20	125
			2-Nitrophenol-d4	40	43.83	110		20	130
			2,4-Dichlorophenol-d3	40	41.60	104		20	120
			4-Chloroaniline-d4	40	38.22	96		1	146
			Dimethylphthalate-d6	40	41.92	105		25	130
			Acenaphthylene-d8	40	43.05	108		10	130
			4-Nitrophenol-d4	40	31.19	78		10	150
			Fluorene-d10	40	42.73	107		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.47	79		10	130
			Anthracene-d10	40	42.60	106		25	130
			Pyrene-d10	40	46.54	116		15	130
			Benzo(a)pyrene-d12	40	43.35	108		20	130
PB166118BS	PB166118BS	BM049440.D	Pyridine-d5	40	29.40	74		20	120
			1,4-Dioxane-d8	8	6.24	78		15	120
			Phenol-d5	40	28.79	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.95	70		25	120
			2-Chlorophenol-d4	40	29.51	74		20	130
			4-Methylphenol-d8	40	27.00	67		25	125
			Nitrobenzene-d5	40	28.55	71		20	125
			2-Nitrophenol-d4	40	28.95	72		20	130
			2,4-Dichlorophenol-d3	40	30.08	75		20	120
			4-Chloroaniline-d4	40	22.62	57		1	146
			Dimethylphthalate-d6	40	28.31	71		25	130
			Acenaphthylene-d8	40	28.92	72		10	130
			4-Nitrophenol-d4	40	27.27	68		10	150
			Fluorene-d10	40	29.46	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.16	68		10	130
			Anthracene-d10	40	28.95	72		25	130
			Pyrene-d10	40	28.22	71		15	130
			Benzo(a)pyrene-d12	40	29.21	73		20	130
Q1086-18	C0AE3	BM049437.D	1,4-Dioxane-d8	8	6.43	80		15	120
			Pyridine-d5	40	4.89	12	*	20	120
			Phenol-d5	40	7.60	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.17	78		25	120
			2-Chlorophenol-d4	40	26.15	65		20	130
			4-Methylphenol-d8	40	17.16	43		25	125
			Nitrobenzene-d5	40	31.24	78		20	125
			2-Nitrophenol-d4	40	30.19	75		20	130
			2,4-Dichlorophenol-d3	40	30.19	75		20	120
			4-Chloroaniline-d4	40	12.23	31		1	146
			Dimethylphthalate-d6	40	33.07	83		25	130
			Acenaphthylene-d8	40	33.36	83		10	130
			4-Nitrophenol-d4	40	5.57	14		10	150

Surrogate Summary

SW-846

SDG No.: BM012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1086-18	C0AE3	BM049437.D	Fluorene-d10	40	35.15	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.54	64		10	130
			Anthracene-d10	40	34.30	86		25	130
			Pyrene-d10	40	34.33	86		15	130
			Benzo(a)pyrene-d12	40	32.06	80		20	130
Q1086-19	C0AE4	BM049438.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	0.98	2	*	20	120
			Phenol-d5	40	4.36	11		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.65	49		25	120
			2-Chlorophenol-d4	40	14.61	37		20	130
			4-Methylphenol-d8	40	8.75	22	*	25	125
			Nitrobenzene-d5	40	18.86	47		20	125
			2-Nitrophenol-d4	40	17.02	43		20	130
			2,4-Dichlorophenol-d3	40	16.33	41		20	120
			4-Chloroaniline-d4	40	0.52	1		1	146
			Dimethylphthalate-d6	40	22.01	55		25	130
			Acenaphthylene-d8	40	17.06	43		10	130
			4-Nitrophenol-d4	40	3.40	8	*	10	150
			Fluorene-d10	40	22.53	56		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.04	35		10	130
			Anthracene-d10	40	12.48	31		25	130
			Pyrene-d10	40	21.23	53		15	130
			Benzo(a)pyrene-d12	40	13.77	34		20	130
Q1086-20	C0AE5	BM049439.D	1,4-Dioxane-d8	8	4.87	61		15	120
			Pyridine-d5	40	5.66	14	*	20	120
			Phenol-d5	40	7.69	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.04	75		25	120
			2-Chlorophenol-d4	40	27.12	68		20	130
			4-Methylphenol-d8	40	18.29	46		25	125
			Nitrobenzene-d5	40	30.51	76		20	125
			2-Nitrophenol-d4	40	30.69	77		20	130
			2,4-Dichlorophenol-d3	40	31.78	79		20	120
			4-Chloroaniline-d4	40	19.93	50		1	146
			Dimethylphthalate-d6	40	33.60	84		25	130
			Acenaphthylene-d8	40	32.76	82		10	130
			4-Nitrophenol-d4	40	5.64	14		10	150
			Fluorene-d10	40	34.75	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.64	64		10	130
			Anthracene-d10	40	34.55	86		25	130
			Pyrene-d10	40	34.68	87		15	130
			Benzo(a)pyrene-d12	40	32.79	82		20	130

Surrogate Summary

SW-846

SDG No.: BM012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166197BL	PB166197BL	BM049436.D	Pyridine-d5	40	24.97	62		20	120
			1,4-Dioxane-d8	8	5.46	68		15	120
			Phenol-d5	40	24.43	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.32	61		10	150
			2-Chlorophenol-d4	40	25.14	63		15	120
			4-Methylphenol-d8	40	23.12	58		10	140
			Nitrobenzene-d5	40	24.28	61		10	135
			2-Nitrophenol-d4	40	24.76	62		10	120
			2,4-Dichlorophenol-d3	40	24.23	61		10	140
			4-Chloroaniline-d4	40	21.97	55		1	145
			Dimethylphthalate-d6	40	25.16	63		10	145
			Acenaphthylene-d8	40	24.44	61		15	120
			4-Nitrophenol-d4	40	18.11	45		10	150
			Fluorene-d10	40	25.26	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.22	43		10	130
			Anthracene-d10	40	24.48	61		10	150
			Pyrene-d10	40	25.73	64		10	130
			Benzo(a)pyrene-d12	40	24.31	61		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM012425

Lab Code: CHEM

SAS No.: BM012425

SDG NO.: BM012425

Lab File ID: BM049433.D

DFTPP Injection Date: 01/24/2025

Instrument ID: BNA_M

DFTPP Injection Time: 12:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.2
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	33.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	24
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	10.7
442	Greater than 50% of mass 198	66.2
443	15.0 - 24.0% of mass 442	12.4 (18.8) 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
SSTD020074	SSTDCCC020	BM049434.D	01/24/2025	13:22
SBLK118	PB166118BL	BM049435.D	01/24/2025	14:14
SBLK197	PB166197BL	BM049436.D	01/24/2025	15:05
C0AE3	Q1086-18	BM049437.D	01/24/2025	15:56
C0AE4	Q1086-19	BM049438.D	01/24/2025	16:35
C0AE5	Q1086-20	BM049439.D	01/24/2025	17:14
SLCS118	PB166118BS	BM049440.D	01/24/2025	17:53
SSTD020075	SSTDCCC020EC	BM049441.D	01/24/2025	18:33
SP6719	SP6719	BM049442.D	01/24/2025	19:51