284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG No.: BP011625

Instrument ID: BNA_P Calibration Date/Time: 1/16/2025 12 09:38

Lab File ID: BP023611.D Init. Calib. Date(s):

EPA Sample No.: SSTD020765 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.574	0.598	0.010	4.1676	40.0
Benzaldehyde	0.930	1.257	0.010	35.0895	40.0
Pyridine	1.525	1.656	0.010	8.5548	40.0
Phenol	1.835	1.891	0.080	3.0308	20.0
Bis(2-Chloroethyl)ether	1.452	1.585	0.100	9.1601	20.0
2-Chlorophenol	1.456	1.462	0.200	0.4383	20.0
2-Methylphenol	1.340	1.350	0.010	0.7628	20.0
2,2-oxybis(1-Chloropropane)	1.504	1.663	0.010	10.5544	40.0
Acetophenone	2.288	2.529	0.060	10.5598	20.0
4-Methylphenol	1.473	1.528	0.010	3.7431	20.0
N-Nitroso-di-n-propylamine	1.112	1.180	0.050	6.1534	30.0
Hexachloroethane	0.584	0.597	0.100	2.1731	20.0
Nitrobenzene	0.372	0.391	0.050	5.1845	25.0
Isophorone	0.755	0.788	0.050	4.4732	25.0
2-Nitrophenol	0.131	0.121	0.050	-8.0415	25.0
2,4-Dimethylphenol	0.364	0.369	0.050	1.4994	25.0
Bis(2-Chloroethoxy)methane	0.474	0.498	0.050	5.09	20.0
2,4-Dichlorophenol	0.316	0.315	0.060	-0.0496	20.0
Naphthalene	1.185	1.227	0.200	3.5583	20.0
4-Chloroaniline	0.466	0.504	0.010	8.1971	40.0
Hexachlorobutadiene	0.209	0.214	0.040	2.1616	30.0
Caprolactam	0.115	0.116	0.010	0.3958	40.0
4-Chloro-3-methylphenol	0.322	0.332	0.040	3.362	25.0
1-Methylnaphthalene	0.795	0.840	0.100	5.6108	20.0
2-Methylnaphthalene	0.801	0.840	0.100	4.8703	20.0
Hexachlorocyclopentadiene	0.255	0.235	0.010	-7.5589	40.0
2,4,6-Trichlorophenol	0.344	0.338	0.090	-1.6919	25.0
2,4,5-Trichlorophenol	0.382	0.382	0.100	0.0683	25.0
1,1-Biphenyl	1.655	1.710	0.200	3.3333	20.0
2-Chloronaphthalene	1.289	1.331	0.300	3.2724	20.0
2-Nitroaniline	0.255	0.263	0.050	2.9515	40.0
Dimethylphthalate	1.564	1.621	0.300	3.6415	20.0
2,6-Dinitrotoluene	0.240	0.252	0.080	4.8975	30.0
Acenaphthylene	2.006	2.103	0.400	4.7949	20.0
3-Nitroaniline	0.283	0.312	0.010	10.4611	40.0
Acenaphthene	1.405	1.472	0.200	4.7493	20.0
2,4-Dinitrophenol	0.076	0.060	0.010	-21.5467	40.0
4-Nitrophenol	0.201	0.210	0.010	4.4999	40.0
Dibenzofuran	1.913	2.011	0.300	5.139	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG No.: BP011625

Instrument ID: BNA_P Calibration Date/Time: 1/16/2025 12 09:38

Lab File ID: BP023611.D Init. Calib. Date(s):

EPA Sample No.: SSTD020765 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.363	0.392	0.070	8.0718	30.0
Diethylphthalate	1.542	1.583	0.300	2.6598	20.0
Fluorene	1.606	1.726	0.200	7.4243	20.0
4-Chlorophenyl-phenylether	0.785	0.842	0.100	7.2794	20.0
4-Nitroaniline	0.297	0.367	0.010	23.5079	40.0
4,6-Dinitro-2-methylphenol	0.077	0.062	0.010	-19.6931	40.0
N-Nitrosodiphenylamine	0.670	0.692	0.050	3.2964	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.666	0.100	0.8507	20.0
4-Bromophenyl-phenylether	0.238	0.241	0.070	1.2236	20.0
Hexachlorobenzene	0.292	0.295	0.050	1.0397	25.0
Atrazine	0.232	0.237	0.010	1.9294	25.0
Pentachlorophenol	0.143	0.126	0.010	-11.9105	40.0
Phenanthrene	1.254	1.295	0.200	3.2654	20.0
Pentachlorobenzene	0.347	0.352	0.050	1.4174	20.0
Anthracene	1.258	1.305	0.200	3.7599	20.0
1,2,3,4-Tetrachlorobenzene	0.327	0.329	0.050	0.668	20.0
Carbazole	1.045	1.213	0.050	16.0634	40.0
Di-n-butylphthalate	1.214	1.236	0.500	1.8698	25.0
Fluoranthene	1.267	1.356	0.400	6.9741	25.0
Pyrene	1.381	1.496	0.400	8.3288	25.0
Butylbenzylphthalate	0.363	0.326	0.100	-10.0492	40.0
3,3-Dichlorobenzidine	0.339	0.345	0.010	1.6788	40.0
Benzo(a)anthracene	1.422	1.478	0.300	3.9253	30.0
Chrysene	1.324	1.383	0.200	4.4679	30.0
Bis(2-ethylhexyl)phthalate	0.619	0.574	0.200	-7.3034	40.0
Di-n-octyl phthalate	0.842	0.719	0.010	-14.5387	40.0
Benzo(b)fluoranthene	1.257	1.339	0.200	6.5943	25.0
Benzo(k)fluoranthene	1.377	1.484	0.200	7.7894	25.0
Benzo(a)pyrene	1.236	1.300	0.200	5.1484	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.558	0.200	5.911	25.0
Dibenzo(a,h)anthracene	1.192	1.247	0.200	4.6336	30.0
Benzo(g,h,i)perylene	1.154	1.193	0.200	3.412	30.0
2,3,4,6-Tetrachlorophenol	0.299	0.292	0.040	-2.1324	20.0
1,4-Dioxane-d8	0.542	0.564	0.010	4.0679	25.0
Pyridine-d5	1.512	1.627	0.010	7.5775	40.0
Phenol-d5	1.722	1.729	0.010	0.4001	25.0
Bis-(2-Chloroethyl)ether-d8	1.009	1.102	0.050	9.2985	25.0
2-Chlorophenol-d4	1.360	1.334	0.200	-1.8668	20.0
4-Methylphenol-d8	1.336	1.362	0.010	1.9564	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG No.: BP011625

Instrument ID: BNA_P Calibration Date/Time: 1/16/2025 12 09:38

Lab File ID: BP023611.D Init. Calib. Date(s):

EPA Sample No.: SSTD020765 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.157	0.050	2.7756	20.0
2-Nitrophenol-d4	0.100	0.087	0.050	-12.9845	30.0
2,4-Dichlorophenol-d3	0.305	0.301	0.060	-1.3258	20.0
4-Chloroaniline-d4	0.487	0.525	0.010	7.9017	40.0
Dimethylphthalate-d6	1.557	1.611	0.300	3.4708	20.0
Acenaphthylene-d8	1.852	1.935	0.400	4.5109	20.0
4-Nitrophenol-d4	0.259	0.249	0.010	-3.6189	40.0
Fluorene-d10	1.347	1.438	0.100	6.7521	20.0
4,6-Dinitro-2-methylphenol-d2	0.065	0.050	0.010	-23.8161	40.0
Anthracene-d10	1.080	1.118	0.300	3.5091	20.0
Pyrene-d10	1.108	1.181	0.300	6.6019	25.0
Benzo(a)pyrene-d12	1.087	1.164	0.010	7.056	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG No.: BP011625

Instrument ID: BNA_P Calibration Date/Time: 1/16/2025 12 14:36

Lab File ID: BP023617.D Init. Calib. Date(s):

EPA Sample No.: SSTD020766 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.574	0.596	0.010	3.8144	50.0
Benzaldehyde	0.930	1.253	0.010	34.7202	50.0
Pyridine	1.525	1.672	0.010	9.633	50.0
Phenol	1.835	1.947	0.080	6.1061	50.0
Bis(2-Chloroethyl)ether	1.452	1.591	0.100	9.5708	50.0
2-Chlorophenol	1.456	1.541	0.200	5.8855	50.0
2-Methylphenol	1.340	1.415	0.010	5.5984	50.0
2,2-oxybis(1-Chloropropane)	1.504	1.656	0.010	10.1109	50.0
Acetophenone	2.288	2.530	0.060	10.6096	50.0
4-Methylphenol	1.473	1.578	0.010	7.1839	50.0
N-Nitroso-di-n-propylamine	1.112	1.169	0.050	5.1296	50.0
Hexachloroethane	0.584	0.615	0.100	5.2098	50.0
Nitrobenzene	0.372	0.394	0.050	5.975	50.0
Isophorone	0.755	0.785	0.050	4.0284	50.0
2-Nitrophenol	0.131	0.145	0.050	10.386	50.0
2,4-Dimethylphenol	0.364	0.380	0.050	4.416	50.0
Bis(2-Chloroethoxy)methane	0.474	0.494	0.050	4.3072	50.0
2,4-Dichlorophenol	0.316	0.330	0.060	4.5854	50.0
Naphthalene	1.185	1.225	0.200	3.4417	50.0
4-Chloroaniline	0.466	0.502	0.010	7.8867	50.0
Hexachlorobutadiene	0.209	0.217	0.040	3.6833	50.0
Caprolactam	0.115	0.117	0.010	1.9453	50.0
4-Chloro-3-methylphenol	0.322	0.331	0.040	2.9401	50.0
1-Methylnaphthalene	0.795	0.821	0.100	3.2324	50.0
2-Methylnaphthalene	0.801	0.833	0.100	4.064	50.0
Hexachlorocyclopentadiene	0.255	0.259	0.010	1.5437	50.0
2,4,6-Trichlorophenol	0.344	0.362	0.090	5.3883	50.0
2,4,5-Trichlorophenol	0.382	0.414	0.100	8.2641	50.0
1,1-Biphenyl	1.655	1.751	0.200	5.8232	50.0
2-Chloronaphthalene	1.289	1.359	0.300	5.3964	50.0
2-Nitroaniline	0.255	0.271	0.050	6.3898	50.0
Dimethylphthalate	1.564	1.625	0.300	3.9184	50.0
2,6-Dinitrotoluene	0.240	0.263	0.080	9.4181	50.0
Acenaphthylene	2.006	2.109	0.400	5.1129	50.0
3-Nitroaniline	0.283	0.319	0.010	12.7944	50.0
Acenaphthene	1.405	1.466	0.200	4.2841	50.0
2,4-Dinitrophenol	0.076	0.063	0.010	-16.7904	50.0
4-Nitrophenol	0.201	0.219	0.010	8.9002	50.0
Dibenzofuran	1.913	1.975	0.300	3.22	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG No.: BP011625

Instrument ID: BNA_P Calibration Date/Time: 1/16/2025 12 14:36

Lab File ID: BP023617.D Init. Calib. Date(s):

EPA Sample No.: SSTD020766 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.363	0.385	0.070	5.9552	50.0
Diethylphthalate	1.542	1.593	0.300	3.3551	50.0
Fluorene	1.606	1.693	0.200	5.4091	50.0
4-Chlorophenyl-phenylether	0.785	0.821	0.100	4.5683	50.0
4-Nitroaniline	0.297	0.357	0.010	20.2867	50.0
4,6-Dinitro-2-methylphenol	0.077	0.069	0.010	-10.8225	50.0
N-Nitrosodiphenylamine	0.670	0.697	0.050	4.0208	50.0
1,2,4,5-Tetrachlorobenzene	0.660	0.685	0.100	3.7344	50.0
4-Bromophenyl-phenylether	0.238	0.246	0.070	3.3057	50.0
Hexachlorobenzene	0.292	0.295	0.050	0.821	50.0
Atrazine	0.232	0.247	0.010	6.4182	50.0
Pentachlorophenol	0.143	0.137	0.010	-4.1665	50.0
Phenanthrene	1.254	1.311	0.200	4.5304	50.0
Pentachlorobenzene	0.347	0.359	0.050	3.5904	50.0
Anthracene	1.258	1.337	0.200	6.2803	50.0
1,2,3,4-Tetrachlorobenzene	0.327	0.343	0.050	4.6953	50.0
Carbazole	1.045	1.200	0.050	14.8128	50.0
Di-n-butylphthalate	1.214	1.285	0.500	5.9139	50.0
Fluoranthene	1.267	1.328	0.400	4.7591	50.0
Pyrene	1.381	1.465	0.400	6.1009	50.0
Butylbenzylphthalate	0.363	0.366	0.100	0.9816	50.0
3,3-Dichlorobenzidine	0.339	0.350	0.010	3.1863	50.0
Benzo(a)anthracene	1.422	1.480	0.300	4.0887	50.0
Chrysene	1.324	1.389	0.200	4.9167	50.0
Bis(2-ethylhexyl)phthalate	0.619	0.637	0.200	2.9283	50.0
Di-n-octyl phthalate	0.842	0.797	0.010	-5.3327	50.0
Benzo(b)fluoranthene	1.257	1.352	0.200	7.5566	50.0
Benzo(k)fluoranthene	1.377	1.462	0.200	6.1986	50.0
Benzo(a)pyrene	1.236	1.323	0.200	7.0495	50.0
Indeno(1,2,3-cd)pyrene	1.471	1.585	0.200	7.7641	50.0
Dibenzo(a,h)anthracene	1.192	1.251	0.200	4.9573	50.0
Benzo(g,h,i)perylene	1.154	1.208	0.200	4.6706	50.0
2,3,4,6-Tetrachlorophenol	0.299	0.315	0.040	5.4524	50.0
1,4-Dioxane-d8	0.542	0.570	0.010	5.0996	50.0
Pyridine-d5	1.512	1.625	0.010	7.457	50.0
Phenol-d5	1.722	1.820	0.010	5.7193	50.0
Bis-(2-Chloroethyl)ether-d8	1.009	1.104	0.050	9.4838	50.0
2-Chlorophenol-d4	1.360	1.433	0.200	5.3912	50.0
4-Methylphenol-d8	1.336	1.432	0.010	7.2566	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG No.: BP011625

Instrument ID: BNA_P Calibration Date/Time: 1/16/2025 12 14:36

Lab File ID: BP023617.D Init. Calib. Date(s):

EPA Sample No.: SSTD020766 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.163	0.050	6.5824	50.0
2-Nitrophenol-d4	0.100	0.108	0.050	7.8476	50.0
2,4-Dichlorophenol-d3	0.305	0.319	0.060	4.6826	50.0
4-Chloroaniline-d4	0.487	0.520	0.010	6.8088	50.0
Dimethylphthalate-d6	1.557	1.598	0.300	2.6553	50.0
Acenaphthylene-d8	1.852	1.953	0.400	5.4526	50.0
4-Nitrophenol-d4	0.259	0.263	0.010	1.798	50.0
Fluorene-d10	1.347	1.384	0.100	2.7613	50.0
4,6-Dinitro-2-methylphenol-d2	0.065	0.056	0.010	-13.9879	50.0
Anthracene-d10	1.080	1.115	0.300	3.2612	50.0
Pyrene-d10	1.108	1.154	0.300	4.1352	50.0
Benzo(a)pyrene-d12	1.087	1.161	0.010	6.7934	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	1/15/2025 12:00:00 AM
Project:				Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	SBLK062			SDG No.:	BP011625
Lab Sample ID:	PB166062BL			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
BP023612.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	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	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	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	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	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	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	1/15/2025 12:00:00 AM
Project:				Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	SBLK062			SDG No.:	BP011625
Lab Sample ID:	PB166062BL			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
BP023612.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	1/15/2025 12:00:00 AM
Project:				Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	SBLK062			SDG No.:	BP011625
Lab Sample ID:	PB166062BL			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
BP023612.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.002		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	31.058		20-120		78	SPK: -40
4165-62-2	Phenol-d5	30.869		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.448		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.394		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	30.718		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	30.078		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.711		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.179		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.396		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.535		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.408		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.345		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	30.147		25-125		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/15/2025 12:00:00 AM
Project:				Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	SBLK062			SDG No.:	BP011625
Lab Sample ID:	PB166062BL			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
BP023612.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.724		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	28.875		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	34.322		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.091		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	492167	7.811				
1146-65-2	Naphthalene-d8	1968401	10.587				
15067-26-2	Acenaphthene-d10	1261060	14.434				
1517-22-2	Phenanthrene-d10	2526950	17.24				
1719-03-5	Chrysene-d12	2341286	21.686				
1520-96-3	Perylene-d12	2558478	25.121				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0B99			SDG No.:	BP011625
Lab Sample ID:	Q1084-02			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
BP023613.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	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	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	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	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	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	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0B99			SDG No.:	BP011625
Lab Sample ID:	Q1084-02			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
BP023613.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0B99			SDG No.:	BP011625
Lab Sample ID:	Q1084-02			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
BP023613.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.521		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	4.079	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.593		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	42.201		25-120		106	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.505		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	19.898		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	39.935		20-125		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.465		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.524		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.753		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.939		25-130		110	SPK: -40
93951-97-4	Acenaphthylene-d8	41.125		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.571		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	45.425		25-125		114	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0B99			SDG No.:	BP011625
Lab Sample ID:	Q1084-02			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
BP023613.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.359		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	45.76		25-130		114	SPK: -40
1718-52-1	Pyrene-d10	52.552	*	15-130		131	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.078		20-130		120	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	318086	7.81				
1146-65-2	Naphthalene-d8	1350754	10.587				
15067-26-2	Acenaphthene-d10	874514	14.434				
1517-22-2	Phenanthrene-d10	1777359	17.245				
1719-03-5	Chrysene-d12	1777090	21.704				
1520-96-3	Perylene-d12	1979321	25.133				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	5.2	J			5.852	
000095-49-8	Benzene, 1-chloro-2-methyl-	4.2	J			6.805	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0BA2			SDG No.:	BP011625
Lab Sample ID:	Q1084-03			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
BP023614.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	J	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	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	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	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	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	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	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0BA2			SDG No.:	BP011625
Lab Sample ID:	Q1084-03			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
BP023614.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0BA2			SDG No.:	BP011625
Lab Sample ID:	Q1084-03			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
BP023614.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.364		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	4.119	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.174		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.136		25-120		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.919		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	18.756		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	37.699		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.179		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.893		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.299		1-146		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.05		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	37.865		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.764	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	39.741		25-125		99	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0BA2			SDG No.:	BP011625
Lab Sample ID:	Q1084-03			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
BP023614.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.889		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	39.605		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	46.157		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.485		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	402735	7.811				
1146-65-2	Naphthalene-d8	1636104	10.587				
15067-26-2	Acenaphthene-d10	992686	14.428				
1517-22-2	Phenanthrene-d10	1979311	17.222				
1719-03-5	Chrysene-d12	1944451	21.692				
1520-96-3	Perylene-d12	2169210	25.133				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0BA4	SDG No.:	BP011625
Lab Sample ID:	Q1084-05	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
BP023615.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	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	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	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	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	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	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0BA4			SDG No.:	BP011625
Lab Sample ID:	Q1084-05			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
BP023615.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0BA4			SDG No.:	BP011625
Lab Sample ID:	Q1084-05			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
BP023615.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.447		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	3.239	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	6.509		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.229		25-120		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.623		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	17.446		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	35.931		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.383		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.477		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.479		1-146		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.605		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	36.979		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.629	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	41.537		25-125		104	SPK: -40

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	1/14/2025 12:00:00 AM
Project:				Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0BA4			SDG No.:	BP011625
Lab Sample ID:	Q1084-05			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
BP023615.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.253		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	42.53		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	49.43		15-130		124	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.732		20-130		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	328630	7.811				
1146-65-2	Naphthalene-d8	1397211	10.587				
15067-26-2	Acenaphthene-d10	880615	14.44				
1517-22-2	Phenanthrene-d10	1810138	17.245				
1719-03-5	Chrysene-d12	1834180	21.698				
1520-96-3	Perylene-d12	2003450	25.127				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	SLCS062	SDG No.:	BP011625
Lab Sample ID:	PB166062BS	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
BP023616.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	4.8	J	1.1	5	10	ug/L
110-86-1	Pyridine	34		1.7	10	10	ug/L
108-95-2	Phenol	36		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	33		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	34		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	35		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	33		1.9	5	10	ug/L
98-86-2	Acetophenone	32		1.5	5	10	ug/L
106-44-5	4-Methylphenol	36		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	31		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	32		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	31		1.4	2.5	5	ug/L
78-59-1	Isophorone	32		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	35		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	31		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.1	2.5	5	ug/L
91-20-3	Naphthalene	30		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		1.5	2.5	5	ug/L
105-60-2	Caprolactam	32		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	36		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	27		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.6	2.5	5	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	1/15/2025 12:00:00 AM
Project:				Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	SLCS062			SDG No.:	BP011625
Lab Sample ID:	PB166062BS			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
BP023616.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.6	5	10	ug/L
83-32-9	Acenaphthene	31		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	29		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.3	2.5	5	ug/L
86-73-7	Fluorene	33		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	43		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		1.2	2.5	5	ug/L
1912-24-9	Atrazine	30		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	31		1.9	5	10	ug/L
85-01-8	Phenanthrene	31		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.7	2.5	5	ug/L
120-12-7	Anthracene	31		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	27		1.7	2.5	5	ug/L
86-74-8	Carbazole	35		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	1/15/2025 12:00:00 AM
Project:				Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	SLCS062			SDG No.:	BP011625
Lab Sample ID:	PB166062BS			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
BP023616.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	33		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		1.1	2.5	5	ug/L
218-01-9	Chrysene	31		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	35		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		1.1	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	32		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	35		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.089		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	33.261		20-120		83	SPK: -40
4165-62-2	Phenol-d5	34.375		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.548		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.132		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	34.681		25-125		87	SPK: -40
4165-60-0	Nitrobenzene-d5	31.232		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.053		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.33		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.02		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.406		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.532		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.414		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	32.271		25-125		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	1/15/2025 12:00:00 AM
Project:				Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	SLCS062			SDG No.:	BP011625
Lab Sample ID:	PB166062BS			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
BP023616.D	1	1/15/2025 12:00:00 AM	1/16/2025 12:00:00 AM	PB166062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.222		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	30.802		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	32.354		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.429		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	456949	7.81				
1146-65-2	Naphthalene-d8	1911453	10.587				
15067-26-2	Acenaphthene-d10	1272377	14.433				
1517-22-2	Phenanthrene-d10	2721425	17.239				
1719-03-5	Chrysene-d12	2930028	21.71				
1520-96-3	Perylene-d12	2708726	25.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP011625

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : C0B99									
Q1084-02	C0B99	Water	Benzene, 1,3-dimethyl-	*	5.200	J			
Q1084-02	C0B99	Water	Benzene, 1-chloro-2-methyl-	*	4.200	J			
Q1084-02	C0B99	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**9.40**				
Q1084-02	C0B99	Water	1,4-Dioxane		1.900	J	0.35	2	ug/L
			Total Svoc :		**1.90**				
			Total Concentration:		**11.30**				
Client ID : C0BA2									
Q1084-03	C0BA2	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :		**0.00**				
Q1084-03	C0BA2	Water	1,4-Dioxane		1.300	J	0.35	2	ug/L
			Total Svoc :		**1.30**				
			Total Concentration:		**1.30**				
Client ID : C0BA4									
Q1084-05	C0BA4	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**0.00**				
Q1084-05	C0BA4	Water	1,4-Dioxane		1.500	J	0.35	2	ug/L
			Total Svoc :		**1.50**				
			Total Concentration:		**1.50**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011425 SAS No.: BP011425 SDG No.: BP011425

Instrument ID: Calibration Date(s): 1/14/2025

Calibration Time(s): 12:39

LAB FILE ID:	RRFAL3 = BP023603.D	RRFAL4 = BP023604.D	RRFAL5 = BP023605.D					
	RRFAL6 = BP023606.D	RRFAL1 = BP023607.D	RRFAL2 = BP023608.D					
COMPOUND	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRFAL1	RRFAL2	RRF	% RSD
1,4-Dioxane	0.611	0.522	0.509		0.662	0.566	0.574	11.0
Benzaldehyde	1.275	1.019	0.762	0.521		1.074	0.930	31.5
Pyridine	1.684	1.514	1.474	1.451		1.502	1.525	6.0
Hexachloroethane	0.608	0.539	0.547		0.667	0.562	0.584	9.1
Nitrobenzene	0.381	0.358	0.351		0.413	0.354	0.372	7.1
Isophorone	0.778	0.749	0.710		0.827	0.709	0.755	6.6
2-Nitrophenol	0.122	0.133	0.156		0.129	0.118	0.131	11.3
2,4-Dimethylphenol	0.373	0.353	0.345		0.402	0.346	0.364	6.6
Bis(2-Chloroethoxy)methane	0.493	0.452	0.434		0.536	0.454	0.474	8.7
2,4-Dichlorophenol	0.319	0.306	0.313		0.344	0.296	0.316	5.6
Naphthalene	1.224	1.110	1.074		1.373	1.143	1.185	10.0
4-Chloroaniline	0.491	0.473	0.461	0.447		0.456	0.466	3.6
Hexachlorobutadiene	0.217	0.191	0.192		0.244	0.202	0.209	10.6
Phenol	1.943	1.810	1.795	1.854		1.775	1.835	3.6
Caprolactam	0.108	0.120	0.119	0.125		0.105	0.115	7.3
4-Chloro-3-methylphenol	0.325	0.330	0.330		0.327	0.296	0.322	4.5
1-Methylnaphthalene	0.814	0.764	0.738		0.902	0.759	0.795	8.3
2-Methylnaphthalene	0.826	0.777	0.745		0.900	0.756	0.801	8.0
Hexachlorocyclopentadiene	0.254	0.240	0.273	0.285		0.222	0.255	9.9
2,4,6-Trichlorophenol	0.346	0.344	0.364		0.344	0.319	0.344	4.7
2,4,5-Trichlorophenol	0.380	0.384	0.401		0.400	0.346	0.382	5.8
1,1-Biphenyl	1.732	1.551	1.486		1.895	1.611	1.655	9.8
2-Chloronaphthalene	1.342	1.200	1.153		1.504	1.247	1.289	10.8
2-Nitroaniline	0.248	0.265	0.283		0.252	0.227	0.255	8.2
Bis(2-Chloroethyl)ether	1.619	1.429	1.399	1.378		1.436	1.452	6.6
Dimethylphthalate	1.579	1.505	1.425		1.798	1.512	1.564	9.1
2,6-Dinitrotoluene	0.235	0.257	0.272		0.230	0.207	0.240	10.4
Acenaphthylene	2.104	1.914	1.787		2.290	1.937	2.006	9.7
3-Nitroaniline	0.290	0.296	0.290	0.286		0.251	0.283	6.4
Acenaphthene	1.464	1.324	1.270		1.614	1.355	1.405	9.7
2,4-Dinitrophenol	0.054	0.064	0.086	0.123		0.053	0.076	38.7
4-Nitrophenol	0.194	0.211	0.203	0.205		0.191	0.201	4.2
Dibenzofuran	2.001	1.784	1.702		2.219	1.860	1.913	10.6
2,4-Dinitrotoluene	0.362	0.397	0.412		0.336	0.308	0.363	11.8
Diethylphthalate	1.552	1.511	1.441		1.742	1.463	1.542	7.8
2-Chlorophenol	1.518	1.378	1.393		1.618	1.372	1.456	7.5

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011425 SAS No.: BP011425 SDG No.: BP011425

Instrument ID: Calibration Date(s): 1/14/2025

Calibration Time(s): 12:39

LAB FILE ID: RRFAL3 = BP023603.D RRFAL4 = BP023604.D RRFAL5 = BP023605.D
RRFAL6 = BP023606.D RRFAL1 = BP023607.D RRFAL2 = BP023608.D

COMPOUND	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRFAL1	RRFAL2	RRF	% RSD
Fluorene	1.668	1.563	1.441		1.827	1.533	1.606	9.2
4-Chlorophenyl-phenylether	0.821	0.750	0.713		0.886	0.754	0.785	8.8
4-Nitroaniline	0.334	0.342	0.290	0.247		0.271	0.297	13.6
4,6-Dinitro-2-methylphenol	0.057	0.071	0.093	0.114		0.052	0.077	33.6
N-Nitrosodiphenylamine	0.696	0.635	0.614		0.759	0.645	0.670	8.7
1,2,4,5-Tetrachlorobenzene	0.688	0.612	0.608		0.761	0.631	0.660	9.8
4-Bromophenyl-phenylether	0.246	0.227	0.226		0.265	0.227	0.238	7.2
Hexachlorobenzene	0.300	0.271	0.275		0.335	0.280	0.292	9.0
Atrazine	0.237	0.236	0.238	0.229		0.222	0.232	2.8
Pentachlorophenol	0.122	0.139	0.161	0.176		0.115	0.143	18.1
2-Methylphenol	1.403	1.319	1.334	1.399		1.242	1.340	4.9
Phenanthrene	1.283	1.211	1.125		1.435	1.215	1.254	9.3
Pentachlorobenzene	0.366	0.317	0.319		0.396	0.336	0.347	9.8
Anthracene	1.289	1.209	1.121		1.424	1.247	1.258	8.9
1,2,3,4-Tetrachlorobenzene	0.346	0.302	0.302		0.371	0.316	0.327	9.3
Carbazole	1.178	1.141	1.071	0.711		1.124	1.045	18.2
Di-n-butylphthalate	1.227	1.268	1.178		1.232	1.163	1.214	3.5
Fluoranthene	1.356	1.217	1.140		1.421	1.202	1.267	9.2
Pyrene	1.501	1.311	1.103		1.628	1.362	1.381	14.4
Butylbenzylphthalate	0.320	0.388	0.478		0.299	0.329	0.363	20.0
3,3-Dichlorobenzidine	0.345	0.351	0.366	0.358		0.276	0.339	10.7
2,2-oxybis(1-Chloropropane)	1.703	1.501	1.435	1.376		1.505	1.504	8.2
Benzo(a)anthracene	1.480	1.342	1.286		1.623	1.378	1.422	9.3
Chrysene	1.393	1.246	1.138		1.550	1.294	1.324	11.8
Bis(2-ethylhexyl)phthalate	0.577	0.660	0.751		0.535	0.571	0.619	14.1
Di-n-octyl phthalate	0.709	0.891	1.093	0.862		0.653	0.842	20.5
Benzo(b)fluoranthene	1.298	1.297	1.261		1.290	1.137	1.257	5.5
Benzo(k)fluoranthene	1.471	1.362	1.284		1.474	1.294	1.377	6.7
Benzo(a)pyrene	1.295	1.258	1.199		1.281	1.148	1.236	5.0
Indeno(1,2,3-cd)pyrene	1.528	1.517	1.534		1.458	1.318	1.471	6.2
Dibenzo(a,h)anthracene	1.258	1.225	1.242		1.181	1.054	1.192	6.9
Benzo(g,h,i)perylene	1.190	1.159	1.157		1.175	1.088	1.154	3.4
Acetophenone	2.534	2.314	2.193	2.150		2.248	2.288	6.6
2,3,4,6-Tetrachlorophenol	0.290	0.309	0.325		0.300	0.269	0.299	7.0
1,4-Dioxane-d8	0.579	0.498	0.486		0.624	0.525	0.542	10.7
Pyridine-d5	1.640	1.500	1.479	1.466		1.475	1.512	4.8

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011425 SAS No.: BP011425 SDG No.: BP011425

Instrument ID: Calibration Date(s): 1/14/2025

Calibration Time(s): 12:39

LAB FILE ID: RRFAL3 = BP023603.D RRFAL4 = BP023604.D RRFAL5 = BP023605.D
RRFAL6 = BP023606.D RRFAL1 = BP023607.D RRFAL2 = BP023608.D

COMPOUND	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRFAL1	RRFAL2	RRF	% RSD
Phenol-d5	1.775	1.684	1.725	1.820		1.604	1.722	4.8
Bis-(2-Chloroethyl)ether-d8	1.143	0.989	0.967	0.947		0.997	1.009	7.7
2-Chlorophenol-d4	1.398	1.309	1.358		1.463	1.271	1.360	5.5
4-Methylphenol-d8	1.367	1.330	1.333	1.400		1.247	1.336	4.3
Nitrobenzene-d5	0.153	0.149	0.155		0.166	0.140	0.153	6.2
2-Nitrophenol-d4	0.086	0.098	0.127		0.101	0.089	0.100	16.1
2,4-Dichlorophenol-d3	0.308	0.300	0.311		0.319	0.286	0.305	4.1
4-Chloroaniline-d4	0.511	0.496	0.487	0.474		0.466	0.487	3.7
4-Methylphenol	1.543	1.474	1.458	1.497		1.391	1.473	3.8
Dimethylphthalate-d6	1.598	1.501	1.421		1.765	1.498	1.557	8.5
Acenaphthylene-d8	1.953	1.792	1.712		2.055	1.746	1.852	7.9
4-Nitrophenol-d4	0.231	0.269	0.280	0.302		0.212	0.259	14.2
Fluorene-d10	1.398	1.301	1.253		1.513	1.271	1.347	8.0
4,6-Dinitro-2-methylphenol-	0.046	0.058	0.079	0.101		0.042	0.065	38.1
Anthracene-d10	1.100	1.047	0.995		1.210	1.046	1.080	7.6
Pyrene-d10	1.174	1.051	1.034		1.236	1.045	1.108	8.3
Benzo(a)pyrene-d12	1.133	1.127	1.115		1.075	0.984	1.087	5.7
N-Nitroso-di-n-propylamine	1.196	1.101	1.030		1.193	1.040	1.112	7.2

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG NO.: BP011625

EPA Sample No.: SSTD020602 Date Analyzed: Jan 16 2025 12:00AM

Lab File ID: BP023603.D Time Analyzed: 10:18

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	513940	7.81	2.19463e+0(	10.59	1.34184e+00(	14.43
	UPPER LIMIT	1027880	8.31	4389260	11.087	2683680	14.934
	LOWER LIMIT	256970	7.31	1097315	10.087	670920	13.934
	EPA SAMPLE NO.						
01	SBLK062	492167	7.81	1.9684e+	10.59	1.26106e	14.43
02	C0B99	318086	7.81	1.35075e	10.59	874514	14.43
03	C0BA2	402735	7.81	1.6361e+	10.59	992686	14.43
04	C0BA4	328630	7.81	1.39721e	10.59	880615	14.44
05	SLCS062	456949	7.81	1.91145e	10.59	1.27238e	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG NO.: BP011625

EPA Sample No.: SSTD020765 Date Analyzed: Jan 16 2025 12:00AM

Lab File ID: BP023611.D Time Analyzed: 10:18

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	472127	7.793	1.99673e+0(	10.58	1.28622e+00(	14.43
	UPPER LIMIT	944254	8.293	3993460	11.075	2572440	14.928
	LOWER LIMIT	236063.5	7.293	998365	10.075	643110	13.928
	EPA SAMPLE NO.						
01	SBLK062	492167	7.81	1.9684e+	10.59	1.26106e	14.43
02	C0B99	318086	7.81	1.35075e	10.59	874514	14.43
03	C0BA2	402735	7.81	1.6361e+	10.59	992686	14.43
04	C0BA4	328630	7.81	1.39721e	10.59	880615	14.44
05	SLCS062	456949	7.81	1.91145e	10.59	1.27238e	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG NO.: BP011625

EPA Sample No.: SSTD020602 Date Analyzed: Jan 16 2025 12:00AM

Lab File ID: BP023603.D Time Analyzed: 10:18

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2.58678e+0(	17.23	2.68335e+	21.71	2.67656e+0(	25.145
	UPPER LIMIT	5173560	17.73	5366700	22.21	5353120	25.645
	LOWER LIMIT	1293390	16.73	1341675	21.21	1338280	24.645
	EPA SAMPLE NO.						
01	SBLK062	2.52695	17.24	2.34129e+	21.69	2.55848e+	25.12
02	C0B99	1.77736	17.25	1.77709e+	21.70	1.97932e+	25.13
03	C0BA2	1.97931	17.22	1.94445e+	21.69	2.16921e+	25.13
04	C0BA4	1.81014	17.25	1.83418e+	21.70	2.00345e+	25.13
05	SLCS062	2.72143	17.24	2.93003e+	21.71	2.70873e+	25.15

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG NO.: BP011625

EPA Sample No.: SSTD020765 Date Analyzed: Jan 16 2025 12:00AM

Lab File ID: BP023611.D Time Analyzed: 10:18

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2.60503e+0(	17.234	2.81496e+	21.704	2.70658e+0(	25.133
	UPPER LIMIT	5210060	17.734	5629920	22.204	5413160	25.633
	LOWER LIMIT	1302515	16.734	1407480	21.204	1353290	24.633
	EPA SAMPLE NO.						
01	SBLK062	2.52695	17.24	2.34129e+	21.69	2.55848e+	25.12
02	C0B99	1.77736	17.25	1.77709e+	21.70	1.97932e+	25.13
03	C0BA2	1.97931	17.22	1.94445e+	21.69	2.16921e+	25.13
04	C0BA4	1.81014	17.25	1.83418e+	21.70	2.00345e+	25.13
05	SLCS062	2.72143	17.24	2.93003e+	21.71	2.70873e+	25.15

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP011625

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166062BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	4.8	ug/L	12				0	0	
	Pyridine	40	34	ug/L	85				0	0	
	Phenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethyl)ether	40	33	ug/L	83				0	0	
	2-Chlorophenol	40	34	ug/L	85				0	0	
	2-Methylphenol	40	35	ug/L	88				0	0	
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0	
	Acetophenone	40	32	ug/L	80				0	0	
	4-Methylphenol	40	36	ug/L	90				0	0	
	N-Nitroso-di-n-propylamine	40	31	ug/L	78				0	0	
	Hexachloroethane	40	32	ug/L	80				0	0	
	Nitrobenzene	40	31	ug/L	78				0	0	
	Isophorone	40	32	ug/L	80				0	0	
	2-Nitrophenol	40	33	ug/L	83				0	0	
	2,4-Dimethylphenol	40	35	ug/L	88				0	0	
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0	
	2,4-Dichlorophenol	40	35	ug/L	88				0	0	
	Naphthalene	40	30	ug/L	75				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	32	ug/L	80				0	0	
	4-Chloro-3-methylphenol	40	36	ug/L	90				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	31	ug/L	78				0	0	
	Hexachlorocyclopentadiene	40	27	ug/L	68				0	0	
	2,4,6-Trichlorophenol	40	34	ug/L	85				0	0	
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0	
	1,1'-Biphenyl	40	30	ug/L	75				0	0	
	2-Chloronaphthalene	40	30	ug/L	75				0	0	
	2-Nitroaniline	40	35	ug/L	88				0	0	
	Dimethylphthalate	40	33	ug/L	83				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	31	ug/L	78				0	0	
	3-Nitroaniline	40	33	ug/L	83				0	0	
	Acenaphthene	40	31	ug/L	78				0	0	
	2,4-Dinitrophenol	40	29	ug/L	73				0	0	
	4-Nitrophenol	40	35	ug/L	88				0	0	
	Dibenzofuran	40	31	ug/L	78				0	0	
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0	
	Diethylphthalate	40	33	ug/L	83				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0	
	4-Nitroaniline	40	43	ug/L	108				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP011625

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166062BS	4,6-Dinitro-2-methylphenol	40	29	ug/L	73				0	0	
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0	
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0	
	Hexachlorobenzene	40	30	ug/L	75				0	0	
	Atrazine	40	30	ug/L	75				0	0	
	Pentachlorophenol	40	31	ug/L	78				0	0	
	Phenanthrene	40	31	ug/L	78				0	0	
	Pentachlorobenzene	40	27	ug/L	68				0	0	
	Anthracene	40	31	ug/L	78				0	0	
	1,2,3,4-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	33	ug/L	83				0	0	
	Fluoranthene	40	33	ug/L	83				0	0	
	Pyrene	40	33	ug/L	83				0	0	
	Butylbenzylphthalate	40	35	ug/L	88				0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0	
	Benzo(a)anthracene	40	31	ug/L	78				0	0	
	Chrysene	40	31	ug/L	78				0	0	
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0	
	Di-n-octylphthalate	40	35	ug/L	88				0	0	
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0	
	Benzo(a)pyrene	40	33	ug/L	83				0	0	
	Indeno(1,2,3-cd)pyrene	40	32	ug/L	80				0	0	
	Dibenzo(a,h)anthracene	40	32	ug/L	80				0	0	
	Benzo(g,h,i)perylene	40	32	ug/L	80				0	0	
	2,3,4,6-Tetrachlorophenol	40	35	ug/L	88				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK062

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP011625 SAS No.: BP011625 SDG NO.: BP011625

Lab File ID: BP023612.D Lab Sample ID: PB166062BL

Instrument ID: BNA_P Date Extracted: 01/15/2025

Matrix: (soil/water) Water Date Analyzed: 01/16/2025

Level: (low/med) LOW Time Analyzed: 10:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B99	Q1084-02	BP023613.D	01/16/2025
C0BA2	Q1084-03	BP023614.D	01/16/2025
C0BA4	Q1084-05	BP023615.D	01/16/2025
PB166062BS	PB166062BS	BP023616.D	01/16/2025

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BP011625

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB166062BL	PB166062BL	BP023612.D	1,4-Dioxane-d8	8	6.00	75		15	120
			Pyridine-d5	40	31.06	78		20	120
			Phenol-d5	40	30.87	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.45	76		25	120
			2-Chlorophenol-d4	40	30.39	76		20	130
			4-Methylphenol-d8	40	30.72	77		25	125
			Nitrobenzene-d5	40	30.08	75		20	125
			2-Nitrophenol-d4	40	28.71	72		20	130
			2,4-Dichlorophenol-d3	40	29.18	73		20	120
			4-Chloroaniline-d4	40	30.40	76		1	146
			Dimethylphthalate-d6	40	29.54	74		25	130
			Acenaphthylene-d8	40	29.41	74		10	130
			4-Nitrophenol-d4	40	20.35	51		10	150
			Fluorene-d10	40	30.15	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	15.72	39		10	130
			Anthracene-d10	40	28.88	72		25	130
			Pyrene-d10	40	34.32	86		15	130
			Benzo(a)pyrene-d12	40	30.09	75		20	130
PB166062BS	PB166062BS	BP023616.D	1,4-Dioxane-d8	8	6.09	76		15	120
			Pyridine-d5	40	33.26	83		20	120
			Phenol-d5	40	34.38	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.55	81		25	120
			2-Chlorophenol-d4	40	34.13	85		20	130
			4-Methylphenol-d8	40	34.68	87		25	125
			Nitrobenzene-d5	40	31.23	78		20	125
			2-Nitrophenol-d4	40	32.05	80		20	130
			2,4-Dichlorophenol-d3	40	35.33	88		20	120
			4-Chloroaniline-d4	40	30.02	75		1	146
			Dimethylphthalate-d6	40	32.41	81		25	130
			Acenaphthylene-d8	40	31.53	79		10	130
			4-Nitrophenol-d4	40	34.41	86		10	150
			Fluorene-d10	40	32.27	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.22	71		10	130
			Anthracene-d10	40	30.80	77		25	130
			Pyrene-d10	40	32.35	81		15	130
			Benzo(a)pyrene-d12	40	33.43	84		20	130
Q1084-02	C0B99	BP023613.D	1,4-Dioxane-d8	8	6.52	82		15	120
			Pyridine-d5	40	4.08	10	*	20	120
			Phenol-d5	40	7.59	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	42.20	106		25	120
			2-Chlorophenol-d4	40	32.51	81		20	130
			4-Methylphenol-d8	40	19.90	50		25	125
			Nitrobenzene-d5	40	39.94	100		20	125
			2-Nitrophenol-d4	40	37.47	94		20	130
			2,4-Dichlorophenol-d3	40	34.52	86		20	120
			4-Chloroaniline-d4	40	18.75	47		1	146
			Dimethylphthalate-d6	40	43.94	110		25	130
			Acenaphthylene-d8	40	41.13	103		10	130
			4-Nitrophenol-d4	40	4.57	11		10	150

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Surrogate Summary

SW-846

SDG No.: BP011625

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q1084-02	C0B99	BP023613.D	Fluorene-d10	40	45.43	114		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.36	63		10	130
			Anthracene-d10	40	45.76	114		25	130
			Pyrene-d10	40	52.55	131	*	15	130
			Benzo(a)pyrene-d12	40	48.08	120		20	130
Q1084-03	C0BA2	BP023614.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Pyridine-d5	40	4.12	10	*	20	120
			Phenol-d5	40	7.17	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.14	98		25	120
			2-Chlorophenol-d4	40	30.92	77		20	130
			4-Methylphenol-d8	40	18.76	47		25	125
			Nitrobenzene-d5	40	37.70	94		20	125
			2-Nitrophenol-d4	40	36.18	90		20	130
			2,4-Dichlorophenol-d3	40	32.89	82		20	120
			4-Chloroaniline-d4	40	1.30	3		1	146
			Dimethylphthalate-d6	40	38.05	95		25	130
			Acenaphthylene-d8	40	37.87	95		10	130
			4-Nitrophenol-d4	40	3.76	9	*	10	150
			Fluorene-d10	40	39.74	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.89	55		10	130
			Anthracene-d10	40	39.61	99		25	130
			Pyrene-d10	40	46.16	115		15	130
			Benzo(a)pyrene-d12	40	42.49	106		20	130
Q1084-05	C0BA4	BP023615.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Pyridine-d5	40	3.24	8	*	20	120
			Phenol-d5	40	6.51	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.23	98		25	120
			2-Chlorophenol-d4	40	29.62	74		20	130
			4-Methylphenol-d8	40	17.45	44		25	125
			Nitrobenzene-d5	40	35.93	90		20	125
			2-Nitrophenol-d4	40	33.38	83		20	130
			2,4-Dichlorophenol-d3	40	30.48	76		20	120
			4-Chloroaniline-d4	40	14.48	36		1	146
			Dimethylphthalate-d6	40	39.61	99		25	130
			Acenaphthylene-d8	40	36.98	92		10	130
			4-Nitrophenol-d4	40	3.63	9	*	10	150
			Fluorene-d10	40	41.54	104		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.25	58		10	130
			Anthracene-d10	40	42.53	106		25	130
			Pyrene-d10	40	49.43	124		15	130
			Benzo(a)pyrene-d12	40	46.73	117		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP011625

Lab Code: CHEM SAS No.: BP011625 SDG NO.: BP011625

Lab File ID: BP023610.D DFTPP Injection Date: 01/16/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	82.2
443	15.0 - 24.0% of mass 442	16.1 (19.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020765	SSTDCCC020	BP023611.D	01/16/2025	09:38
SBLK062	PB166062BL	BP023612.D	01/16/2025	10:18
C0B99	Q1084-02	BP023613.D	01/16/2025	10:58
C0BA2	Q1084-03	BP023614.D	01/16/2025	11:39
C0BA4	Q1084-05	BP023615.D	01/16/2025	12:20
SLCS062	PB166062BS	BP023616.D	01/16/2025	13:00
SSTD020766	SSTDCCC020EC	BP023617.D	01/16/2025	14:36