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.: BP012225 SAS No.: BP012225 SDG No.: BP012225

Instrument ID: BNA_P Calibration Date/Time: 1/22/2025 12 17:31

Lab File ID: BP023707.D Init. Calib. Date(s):

EPA Sample No.: SICV615 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.525	0.500	0.010	-4.744	40.0
Benzaldehyde	0.850	0.948	0.010	11.4087	40.0
Pyridine	1.449	1.261	0.010	-12.9499	40.0
Phenol	1.771	1.745	0.080	-1.4607	20.0
Bis(2-Chloroethyl)ether	1.378	1.396	0.100	1.3355	20.0
2-Chlorophenol	1.364	1.405	0.200	3.0194	20.0
2-Methylphenol	1.285	1.309	0.010	1.8792	20.0
2,2-oxybis(1-Chloropropane)	1.429	1.457	0.010	1.9661	40.0
Acetophenone	2.137	2.260	0.060	5.7365	20.0
4-Methylphenol	1.429	1.446	0.010	1.1944	20.0
N-Nitroso-di-n-propylamine	0.989	1.050	0.050	6.239	30.0
Hexachloroethane	0.557	0.556	0.100	-0.3215	20.0
Nitrobenzene	0.352	0.346	0.050	-1.6078	25.0
Isophorone	0.670	0.675	0.050	0.8139	25.0
2-Nitrophenol	0.162	0.171	0.050	5.4657	25.0
2,4-Dimethylphenol	0.336	0.297	0.050	-11.7924	25.0
Bis(2-Chloroethoxy)methane	0.434	0.435	0.050	0.177	20.0
2,4-Dichlorophenol	0.300	0.304	0.060	1.2871	20.0
Naphthalene	1.076	1.066	0.200	-0.9485	20.0
4-Chloroaniline	0.443	0.453	0.010	2.1956	40.0
Hexachlorobutadiene	0.189	0.190	0.040	0.5019	30.0
Caprolactam	0.110	0.107	0.010	-2.9453	40.0
4-Chloro-3-methylphenol	0.311	0.317	0.040	1.8313	25.0
1-Methylnaphthalene	0.727	0.702	0.100	-3.3702	20.0
2-Methylnaphthalene	0.727	0.753	0.100	3.6675	20.0
Hexachlorocyclopentadiene	0.303	0.328	0.010	8.2761	40.0
2,4,6-Trichlorophenol	0.349	0.352	0.090	0.8202	25.0
2,4,5-Trichlorophenol	0.386	0.383	0.100	-0.761	25.0
1,1-Biphenyl	1.505	1.515	0.200	0.6819	20.0
2-Chloronaphthalene	1.172	1.121	0.300	-4.2828	20.0
2-Nitroaniline	0.278	0.278	0.050	-0.2543	40.0
Dimethylphthalate	1.444	1.381	0.300	-4.3929	20.0
2,6-Dinitrotoluene	0.258	0.283	0.080	9.7485	30.0
Acenaphthylene	1.805	1.801	0.400	-0.2378	20.0
3-Nitroaniline	0.301	0.332	0.010	10.3577	40.0
Acenaphthene	1.276	1.237	0.200	-3.0904	20.0
2,4-Dinitrophenol	0.126	0.129	0.010	2.0994	40.0
4-Nitrophenol	0.212	0.196	0.010	-7.6975	40.0
Dibenzofuran	1.755	1.721	0.300	-1.9278	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG No.: BP012225

Instrument ID: BNA_P Calibration Date/Time: 1/22/2025 12 17:31

Lab File ID: BP023707.D Init. Calib. Date(s):

EPA Sample No.: SICV615 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.385	0.393	0.070	1.9453	30.0
Diethylphthalate	1.420	1.379	0.300	-2.9053	20.0
Fluorene	1.463	1.407	0.200	-3.7889	20.0
4-Chlorophenyl-phenylether	0.716	0.682	0.100	-4.7699	20.0
4-Nitroaniline	0.306	0.356	0.010	16.5641	40.0
4,6-Dinitro-2-methylphenol	0.111	0.102	0.010	-7.5253	40.0
N-Nitrosodiphenylamine	0.601	0.614	0.050	2.2985	20.0
1,2,4,5-Tetrachlorobenzene	0.594	0.587	0.100	-1.1489	20.0
4-Bromophenyl-phenylether	0.214	0.215	0.070	0.6336	20.0
Hexachlorobenzene	0.261	0.261	0.050	0.06	25.0
Atrazine	0.222	0.212	0.010	-4.12	25.0
Pentachlorophenol	0.157	0.147	0.010	-6.7434	40.0
Phenanthrene	1.130	1.105	0.200	-2.25	20.0
Pentachlorobenzene	0.308	0.292	0.050	-5.4018	20.0
Anthracene	1.122	1.122	0.200	-0.0711	20.0
1,2,3,4-Tetrachlorobenzene	0.290	0.285	0.050	-1.7218	20.0
Carbazole	0.986	1.049	0.050	6.3875	40.0
Di-n-butylphthalate	1.122	1.179	0.500	5.093	25.0
Fluoranthene	1.157	1.206	0.400	4.2621	25.0
Pyrene	1.257	1.297	0.400	3.1878	25.0
Butylbenzylphthalate	0.453	0.461	0.100	1.7204	40.0
3,3-Dichlorobenzidine	0.353	0.428	0.010	21.3803	40.0
Benzo(a)anthracene	1.268	1.302	0.300	2.655	30.0
Chrysene	1.187	1.207	0.200	1.72	30.0
Bis(2-ethylhexyl)phthalate	0.676	0.709	0.200	4.9589	40.0
Di-n-octyl phthalate	1.003	0.995	0.010	-0.7302	40.0
Benzo(b)fluoranthene	1.188	1.196	0.200	0.6765	25.0
Benzo(k)fluoranthene	1.225	1.213	0.200	-0.9743	25.0
Benzo(a)pyrene	1.118	1.150	0.200	2.8833	20.0
Indeno(1,2,3-cd)pyrene	1.390	1.393	0.200	0.1936	25.0
Dibenzo(a,h)anthracene	1.129	1.153	0.200	2.1519	30.0
Benzo(g,h,i)perylene	1.069	1.057	0.200	-1.1082	30.0
2,3,4,6-Tetrachlorophenol	0.317	0.341	0.040	7.7299	20.0
1,4-Dioxane-d8	0.497	0.479	0.010	-3.4539	25.0
Pyridine-d5	1.433	1.437	0.010	0.258	40.0
Phenol-d5	1.692	1.773	0.010	4.7912	25.0
Bis-(2-Chloroethyl)ether-d8	0.956	1.110	0.050	16.1324	25.0
2-Chlorophenol-d4	1.287	1.425	0.200	10.7492	20.0
4-Methylphenol-d8	1.331	1.443	0.010	8.4538	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG No.: BP012225

Instrument ID: BNA_P Calibration Date/Time: 1/22/2025 12 17:31

Lab File ID: BP023707.D Init. Calib. Date(s):

EPA Sample No.: SICV615 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.161	0.050	6.9638	20.0
2-Nitrophenol-d4	0.138	0.156	0.050	13.024	30.0
2,4-Dichlorophenol-d3	0.290	0.322	0.060	10.9169	20.0
4-Chloroaniline-d4	0.464	0.494	0.010	6.4776	40.0
Dimethylphthalate-d6	1.438	1.513	0.300	5.1974	20.0
Acenaphthylene-d8	1.665	1.774	0.400	6.5884	20.0
4-Nitrophenol-d4	0.289	0.284	0.010	-1.7246	40.0
Fluorene-d10	1.231	1.279	0.100	3.856	20.0
4,6-Dinitro-2-methylphenol-d2	0.098	0.093	0.010	-6.0181	40.0
Anthracene-d10	0.960	1.013	0.300	5.535	20.0
Pyrene-d10	1.018	1.114	0.300	9.4491	25.0
Benzo(a)pyrene-d12	1.001	1.080	0.010	7.8399	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD020775			SDG No.:	BP012225
Lab Sample ID:	SSTDCCC020			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
BP023700.D	1		1/22/2025 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7900		350	500	2000	ug/L
100-52-7	Benzaldehyde	26000		1100	5000	10000	ug/L
110-86-1	Pyridine	21000		1700	10000	10000	ug/L
108-95-2	Phenol	22000		1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	22000		1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	22000		910	2500	5000	ug/L
95-48-7	2-Methylphenol	23000		1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	23000		1900	5000	10000	ug/L
98-86-2	Acetophenone	24000		1500	5000	10000	ug/L
106-44-5	4-Methylphenol	23000		1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	25000		1900	2500	5000	ug/L
67-72-1	Hexachloroethane	21000		1100	2500	5000	ug/L
98-95-3	Nitrobenzene	21000		1400	2500	5000	ug/L
78-59-1	Isophorone	23000		1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	23000		1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	23000		690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	23000		1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	22000		1100	2500	5000	ug/L
91-20-3	Naphthalene	21000		940	2500	5000	ug/L
106-47-8	4-Chloroaniline	22000		940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	21000		1500	2500	5000	ug/L
105-60-2	Caprolactam	23000		2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	23000		1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	22000		910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	22000		1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	21000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	22000		2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	22000		1600	2500	5000	ug/L

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD020775		SDG No.:	BP012225	
Lab Sample ID:	SSTDCCC020		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
BP023700.D	1		1/22/2025 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	21000		1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	21000		1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	22000		1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	21000		1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	22000		1700	2500	5000	ug/L
208-96-8	Acenaphthylene	21000		1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	22000		1600	5000	10000	ug/L
83-32-9	Acenaphthene	21000		960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	19000		1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	20000		1400	5000	10000	ug/L
132-64-9	Dibenzofuran	21000		1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	22000		1500	2500	5000	ug/L
84-66-2	Diethylphthalate	21000		1300	2500	5000	ug/L
86-73-7	Fluorene	21000		940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	21000		1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	22000		830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	21000		2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	22000		1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	21000		1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	22000		950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	22000		1200	2500	5000	ug/L
1912-24-9	Atrazine	23000		1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	21000		1900	5000	10000	ug/L
85-01-8	Phenanthrene	22000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	22000		1700	2500	5000	ug/L
120-12-7	Anthracene	22000		1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	22000		1700	2500	5000	ug/L
86-74-8	Carbazole	23000		1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	24000		1900	2500	5000	ug/L
206-44-0	Fluoranthene	25000		1900	5000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD020775			SDG No.:	BP012225
Lab Sample ID:	SSTDCCC020			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
BP023700.D	1		1/22/2025 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25000		1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	25000		2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	20000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	22000		1100	2500	5000	ug/L
218-01-9	Chrysene	22000		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	23000		3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	26000		2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	23000		1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	23000		1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	22000		1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	15000		1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	19000		1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	18000		1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	22000		1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7917	*	15-120		98963	SPK: -8
7291-22-7	Pyridine-d5	20853	*	20-120		52133	SPK: -40
4165-62-2	Phenol-d5	21713	*	10-130		54283	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22440	*	25-120		56100	SPK: -40
93951-73-6	2-Chlorophenol-d4	22498	*	20-130		56245	SPK: -40
190780-66-6	4-Methylphenol-d8	23381	*	25-125		58453	SPK: -40
4165-60-0	Nitrobenzene-d5	21771	*	20-125		54428	SPK: -40
93951-78-1	2-Nitrophenol-d4	23670	*	20-130		59175	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22637	*	20-120		56592	SPK: -40
191656-33-4	4-Chloroaniline-d4	22232	*	1-146		55580	SPK: -40
85448-30-2	Dimethylphthalate-d6	21096	*	25-130		52740	SPK: -40
93951-97-4	Acenaphthylene-d8	21322	*	10-130		53305	SPK: -40
93951-79-2	4-Nitrophenol-d4	19887	*	10-150		49717	SPK: -40
81103-79-9	Fluorene-d10	21346	*	25-125		53365	SPK: -40

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD020775		SDG No.:	BP012225	
Lab Sample ID:	SSTDCCC020		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
BP023700.D	1		1/22/2025 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20408	*	10-130		51020	SPK: -40
1719-06-8	Anthracene-d10	22210	*	25-130		55525	SPK: -40
1718-52-1	Pyrene-d10	24234	*	15-130		60585	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22037	*	20-130		55092	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	781277	7.799				
1146-65-2	Naphthalene-d8	3568901	10.575				
15067-26-2	Acenaphthene-d10	2396309	14.422				
1517-22-2	Phenanthrene-d10	4527749	17.222				
1719-03-5	Chrysene-d12	4183810	21.651				
1520-96-3	Perylene-d12	3393682	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP012225

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SSTD020775**								
SSTDCCC020	SSTD020775	Water	Total Alkanes	*	0.000		1100	5000	ug/L
			Total Tics :				**0.00**		
SSTDCCC020	SSTD020775	Water	1,1-Biphenyl		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	1,2,3,4-Tetrachlorobenzene		22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020775	Water	1,2,4,5-Tetrachlorobenzene		21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020775	Water	1,4-Dioxane		7,900.000		350	2000	ug/L
SSTDCCC020	SSTD020775	Water	1-Methylnaphthalene		22,000.000		910	5000	ug/L
SSTDCCC020	SSTD020775	Water	2,2-oxybis(1-Chloropropane)		23,000.000		1900	10000	ug/L
SSTDCCC020	SSTD020775	Water	2,3,4,6-Tetrachlorophenol		22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020775	Water	2,4,5-Trichlorophenol		22,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020775	Water	2,4,6-Trichlorophenol		22,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020775	Water	2,4-Dichlorophenol		22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	2,4-Dimethylphenol		23,000.000		690	5000	ug/L
SSTDCCC020	SSTD020775	Water	2,4-Dinitrophenol		19,000.000		1800	10000	ug/L
SSTDCCC020	SSTD020775	Water	2,4-Dinitrotoluene		22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020775	Water	2,6-Dinitrotoluene		22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020775	Water	2-Chloronaphthalene		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	2-Chlorophenol		22,000.000		910	5000	ug/L
SSTDCCC020	SSTD020775	Water	2-Methylnaphthalene		22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	2-Methylphenol		23,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020775	Water	2-Nitroaniline		22,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020775	Water	2-Nitrophenol		23,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020775	Water	3,3-Dichlorobenzidine		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020775	Water	3-Nitroaniline		22,000.000		1600	10000	ug/L
SSTDCCC020	SSTD020775	Water	4,6-Dinitro-2-methylphenol		21,000.000		2400	10000	ug/L
SSTDCCC020	SSTD020775	Water	4-Bromophenyl-phenylether		22,000.000		950	5000	ug/L
SSTDCCC020	SSTD020775	Water	4-Chloro-3-methylphenol		23,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020775	Water	4-Chloroaniline		22,000.000		940	10000	ug/L
SSTDCCC020	SSTD020775	Water	4-Chlorophenyl-phenylether		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	4-Methylphenol		23,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020775	Water	4-Nitroaniline		22,000.000		830	10000	ug/L
SSTDCCC020	SSTD020775	Water	4-Nitrophenol		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020775	Water	Acenaphthene		21,000.000		960	5000	ug/L
SSTDCCC020	SSTD020775	Water	Acenaphthylene		21,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020775	Water	Acetophenone		24,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020775	Water	Anthracene		22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	Atrazine		23,000.000		1800	10000	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP012225

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTD020775	Water	Benzaldehyde	26,000.000		1100	10000	ug/L
SSTDCCC020	SSTD020775	Water	Benzo(a)anthracene	22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	Benzo(a)pyrene	22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	Benzo(b)fluoranthene	23,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020775	Water	Benzo(g,h,i)perylene	18,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020775	Water	Benzo(k)fluoranthene	23,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020775	Water	Bis(2-Chloroethoxy)methane	23,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020775	Water	Bis(2-Chloroethyl)ether	22,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020775	Water	Bis(2-ethylhexyl)phthalate	23,000.000		3000	5000	ug/L
SSTDCCC020	SSTD020775	Water	Butylbenzylphthalate	25,000.000		2700	5000	ug/L
SSTDCCC020	SSTD020775	Water	Caprolactam	23,000.000		2600	10000	ug/L
SSTDCCC020	SSTD020775	Water	Carbazole	23,000.000		1100	10000	ug/L
SSTDCCC020	SSTD020775	Water	Chrysene	22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	Di-n-butylphthalate	24,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020775	Water	Di-n-octyl phthalate	26,000.000		2400	10000	ug/L
SSTDCCC020	SSTD020775	Water	Dibenzo(a,h)anthracene	19,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020775	Water	Dibenzofuran	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	Diethylphthalate	21,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020775	Water	Dimethylphthalate	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	Fluoranthene	25,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020775	Water	Fluorene	21,000.000		940	5000	ug/L
SSTDCCC020	SSTD020775	Water	Hexachlorobenzene	22,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020775	Water	Hexachlorobutadiene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020775	Water	Hexachlorocyclopentadiene	21,000.000		3100	10000	ug/L
SSTDCCC020	SSTD020775	Water	Hexachloroethane	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020775	Water	Indeno(1,2,3-cd)pyrene	15,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020775	Water	Isophorone	23,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020775	Water	N-Nitroso-di-n-propylamine	25,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020775	Water	N-Nitrosodiphenylamine	22,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020775	Water	Naphthalene	21,000.000		940	5000	ug/L
SSTDCCC020	SSTD020775	Water	Nitrobenzene	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020775	Water	Pentachlorobenzene	22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020775	Water	Pentachlorophenol	21,000.000		1900	10000	ug/L
SSTDCCC020	SSTD020775	Water	Phenanthrene	22,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020775	Water	Phenol	22,000.000		1600	10000	ug/L
SSTDCCC020	SSTD020775	Water	Pyrene	25,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020775	Water	Pyridine	21,000.000		1700	10000	ug/L
			Total Svoc :	**1,568,900.00**				
			Total Concentration:	**1,568,900.00**				

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Hit Summary Sheet
SW-846

SDG No.: BP012225

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG No.: BP012225

Instrument ID: Calibration Date(s): 1/22/2025

Calibration Time(s): 13:29

LAB FILE ID: RRFAL1 = BP023701.D RRFAL2 = BP023702.D RRFAL3 = BP023703.D
RRFAL4 = BP023704.D RRFAL5 = BP023705.D RRFAL6 = BP023706.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.511	0.518	0.559	0.523	0.515		0.525	3.7
Benzaldehyde		1.016	1.069	0.981	0.703	0.483	0.850	29.4
Pyridine		1.362	1.541	1.501	1.453	1.385	1.449	5.2
Hexachloroethane	0.529	0.530	0.593	0.576	0.559		0.557	5.1
Nitrobenzene	0.334	0.327	0.374	0.372	0.353		0.352	6.0
Isophorone	0.608	0.609	0.715	0.719	0.697		0.670	8.4
2-Nitrophenol	0.133	0.136	0.172	0.184	0.186		0.162	15.9
2,4-Dimethylphenol	0.308	0.308	0.363	0.356	0.346		0.336	7.9
Bis(2-Chloroethoxy)methane	0.420	0.412	0.458	0.450	0.429		0.434	4.5
2,4-Dichlorophenol	0.264	0.273	0.317	0.325	0.321		0.300	9.7
Naphthalene	1.048	1.036	1.135	1.115	1.048		1.076	4.2
4-Chloroaniline		0.408	0.469	0.468	0.456	0.416	0.443	6.6
Hexachlorobutadiene	0.183	0.179	0.198	0.195	0.190		0.189	4.3
Phenol		1.593	1.824	1.854	1.829	1.753	1.771	6.0
Caprolactam		0.086	0.111	0.119	0.117	0.117	0.110	12.4
4-Chloro-3-methylphenol	0.261	0.273	0.333	0.345	0.343		0.311	13.0
1-Methylnaphthalene	0.688	0.682	0.770	0.767	0.727		0.727	5.8
2-Methylnaphthalene	0.688	0.680	0.766	0.761	0.739		0.727	5.6
Hexachlorocyclopentadiene		0.250	0.297	0.318	0.325	0.324	0.303	10.5
2,4,6-Trichlorophenol	0.282	0.304	0.373	0.391	0.397		0.349	15.1
2,4,5-Trichlorophenol	0.310	0.346	0.407	0.428	0.439		0.386	14.4
1,1-Biphenyl	1.434	1.449	1.599	1.574	1.468		1.505	5.0
2-Chloronaphthalene	1.094	1.136	1.244	1.225	1.159		1.172	5.3
2-Nitroaniline	0.218	0.242	0.297	0.318	0.317		0.278	16.4
Bis(2-Chloroethyl)ether		1.302	1.457	1.444	1.379	1.307	1.378	5.3
Dimethylphthalate	1.359	1.369	1.520	1.527	1.443		1.444	5.5
2,6-Dinitrotoluene	0.192	0.216	0.275	0.296	0.309		0.258	19.9
Acenaphthylene	1.675	1.729	1.920	1.916	1.785		1.805	6.1
3-Nitroaniline		0.258	0.318	0.333	0.308	0.285	0.301	9.8
Acenaphthene	1.218	1.216	1.356	1.322	1.268		1.276	4.9
2,4-Dinitrophenol		0.071	0.096	0.128	0.155	0.182	0.126	35.3
4-Nitrophenol		0.185	0.222	0.228	0.218	0.208	0.212	7.9
Dibenzofuran	1.694	1.683	1.860	1.826	1.713		1.755	4.7
2,4-Dinitrotoluene	0.290	0.324	0.410	0.447	0.454		0.385	19.2
Diethylphthalate	1.278	1.327	1.494	1.535	1.467		1.420	7.9
2-Chlorophenol	1.217	1.271	1.457	1.453	1.422		1.364	8.2

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.: BP012225 SAS No.: BP012225 SDG No.: BP012225

Instrument ID: Calibration Date(s): 1/22/2025

Calibration Time(s): 13:29

LAB FILE ID: RRFAL1 = BP023701.D RRFAL2 = BP023702.D RRFAL3 = BP023703.D
RRFAL4 = BP023704.D RRFAL5 = BP023705.D RRFAL6 = BP023706.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.394	1.403	1.572	1.538	1.406		1.463	5.8
4-Chlorophenyl-phenylether	0.676	0.684	0.760	0.755	0.706		0.716	5.5
4-Nitroaniline		0.284	0.353	0.356	0.290	0.245	0.306	15.7
4,6-Dinitro-2-methylphenol		0.071	0.100	0.119	0.128	0.136	0.111	23.3
N-Nitrosodiphenylamine	0.552	0.570	0.649	0.635	0.597		0.601	6.9
1,2,4,5-Tetrachlorobenzene	0.545	0.565	0.625	0.627	0.608		0.594	6.3
4-Bromophenyl-phenylether	0.193	0.197	0.227	0.225	0.228		0.214	8.0
Hexachlorobenzene	0.243	0.245	0.272	0.270	0.272		0.261	5.8
Atrazine		0.190	0.234	0.237	0.229	0.218	0.222	8.5
Pentachlorophenol		0.115	0.152	0.166	0.174	0.179	0.157	16.3
2-Methylphenol		1.101	1.320	1.346	1.344	1.313	1.285	8.1
Phenanthrene	1.078	1.091	1.214	1.179	1.087		1.130	5.5
Pentachlorobenzene	0.290	0.293	0.327	0.319	0.312		0.308	5.2
Anthracene	1.056	1.099	1.242	1.191	1.024		1.122	8.2
1,2,3,4-Tetrachlorobenzene	0.268	0.277	0.309	0.301	0.295		0.290	5.8
Carbazole		0.979	1.123	1.111	1.017	0.699	0.986	17.4
Di-n-butylphthalate	1.014	1.036	1.250	1.293	1.016		1.122	12.3
Fluoranthene	1.095	1.130	1.249	1.284	1.028		1.157	9.2
Pyrene	1.238	1.244	1.354	1.377	1.071		1.257	9.7
Butylbenzylphthalate	0.347	0.378	0.472	0.527	0.542		0.453	19.3
3,3-Dichlorobenzidine		0.280	0.351	0.386	0.381	0.367	0.353	12.1
2,2-oxybis(1-Chloropropane)		1.393	1.539	1.505	1.416	1.291	1.429	6.9
Benzo(a)anthracene	1.198	1.225	1.371	1.343	1.203		1.268	6.5
Chrysene	1.126	1.166	1.288	1.250	1.104		1.187	6.7
Bis(2-ethylhexyl)phthalate	0.517	0.567	0.721	0.782	0.792		0.676	18.7
Di-n-octyl phthalate		0.755	1.025	1.172	1.166	0.895	1.003	17.9
Benzo(b)fluoranthene	1.037	1.072	1.284	1.297	1.251		1.188	10.4
Benzo(k)fluoranthene	1.078	1.137	1.320	1.330	1.259		1.225	9.2
Benzo(a)pyrene	0.957	1.017	1.208	1.234	1.176		1.118	11.1
Indeno(1,2,3-cd)pyrene	1.140	1.253	1.489	1.538	1.529		1.390	13.1
Dibenzo(a,h)anthracene	0.909	1.024	1.217	1.257	1.237		1.129	13.7
Benzo(g,h,i)perylene	0.899	0.977	1.144	1.169	1.157		1.069	11.5
Acetophenone		2.015	2.270	2.261	2.164	1.976	2.137	6.4
2,3,4,6-Tetrachlorophenol	0.258	0.272	0.331	0.355	0.368		0.317	15.5
1,4-Dioxane-d8	0.473	0.489	0.525	0.505	0.490		0.497	3.9
Pyridine-d5		1.317	1.501	1.489	1.456	1.402	1.433	5.3

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.: BP012225 SAS No.: BP012225 SDG No.: BP012225

Instrument ID: Calibration Date(s): 1/22/2025

Calibration Time(s): 13:29

LAB FILE ID: RRFAL1 = BP023701.D RRFAL2 = BP023702.D RRFAL3 = BP023703.D
RRFAL4 = BP023704.D RRFAL5 = BP023705.D RRFAL6 = BP023706.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.456	1.730	1.764	1.762	1.750	1.692	7.9
Bis-(2-Chloroethyl)ether-d8		0.916	1.025	0.994	0.949	0.896	0.956	5.6
2-Chlorophenol-d4	1.109	1.158	1.377	1.398	1.391		1.287	11.0
4-Methylphenol-d8		1.140	1.363	1.395	1.402	1.354	1.331	8.2
Nitrobenzene-d5	0.131	0.136	0.160	0.163	0.163		0.151	10.5
2-Nitrophenol-d4	0.109	0.111	0.143	0.159	0.168		0.138	19.6
2,4-Dichlorophenol-d3	0.241	0.258	0.309	0.322	0.322		0.290	13.2
4-Chloroaniline-d4		0.420	0.488	0.487	0.479	0.448	0.464	6.4
4-Methylphenol		1.272	1.475	1.492	1.490	1.415	1.429	6.5
Dimethylphthalate-d6	1.345	1.361	1.506	1.512	1.469		1.438	5.6
Acenaphthylene-d8	1.463	1.566	1.784	1.796	1.714		1.665	8.7
4-Nitrophenol-d4		0.223	0.291	0.312	0.310	0.309	0.289	13.1
Fluorene-d10	1.126	1.170	1.278	1.318	1.264		1.231	6.5
4,6-Dinitro-2-methylphenol-		0.060	0.085	0.105	0.116	0.126	0.098	26.7
Anthracene-d10	0.882	0.905	1.043	1.020	0.950		0.960	7.3
Pyrene-d10	0.927	0.957	1.065	1.121	1.019		1.018	7.8
Benzo(a)pyrene-d12	0.818	0.899	1.079	1.110	1.099		1.001	13.4
N-Nitroso-di-n-propylamine	0.902	0.913	1.057	1.058	1.014		0.989	7.7

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG NO.: BP012225

EPA Sample No.: SSTD020611 Date Analyzed: Jan 22 2025 12:00AM

Lab File ID: BP023703.D Time Analyzed: 11:44

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	545666	7.793	2.26766e+0(	10.58	1.42528e+00(	14.42
	UPPER LIMIT	1091332	8.293	4535320	11.075	2850560	14.922
	LOWER LIMIT	272833	7.293	1133830	10.075	712640	13.922
	EPA SAMPLE NO.						
01	SSTD020775	781277	7.80	3.5689e+	10.58	2.39631e	14.42
02	SICV615	522833	7.79	2.27854e	10.57	1.50327e	14.42

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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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG NO.: BP012225

EPA Sample No.: _____ Date Analyzed: _____

Lab File ID: _____ Time Analyzed: _____

Instrument ID: _____ GC Column: _____ ID: _____ (mm)

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG NO.: BP012225

EPA Sample No.: SSTD020611 Date Analyzed: Jan 22 2025 12:00AM

Lab File ID: BP023703.D Time Analyzed: 11:44

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	2.78071e+0(	17.21	3.07724e+	21.651	3.12899e+0(	25.033
	UPPER LIMIT	5561420	17.71	6154480	22.151	6257980	25.533
	LOWER LIMIT	1390355	16.71	1538620	21.151	1564495	24.533
	EPA SAMPLE NO.						
01	SSTD020775	4.52775	17.22	4.18381e+	21.65	3.39368e+	25.02
02	SICV615	2.90443	17.21	3.05153e+	21.65	3.15578e+	25.03

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG NO.: BP012225

EPA Sample No.: _____ Date Analyzed: _____

Lab File ID: _____ Time Analyzed: _____

Instrument ID: _____ GC Column: _____ ID: _____ (mm)

	IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

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.: BP012225

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0	
	Benzaldehyde	20	0	ug/L	0				0	0	
	Pyridine	20	0	ug/L	0				0	0	
	Phenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0	
	2-Chlorophenol	20	0	ug/L	0				0	0	
	2-Methylphenol	20	0	ug/L	0				0	0	
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0	
	Acetophenone	20	0	ug/L	0				0	0	
	4-Methylphenol	20	0	ug/L	0				0	0	
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0	
	Hexachloroethane	20	0	ug/L	0				0	0	
	Nitrobenzene	20	0	ug/L	0				0	0	
	Isophorone	20	0	ug/L	0				0	0	
	2-Nitrophenol	20	0	ug/L	0				0	0	
	2,4-Dimethylphenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0	
	2,4-Dichlorophenol	20	0	ug/L	0				0	0	
	Naphthalene	20	0	ug/L	0				0	0	
	4-Chloroaniline	20	0	ug/L	0				0	0	
	Hexachlorobutadiene	20	0	ug/L	0				0	0	
	Caprolactam	20	0	ug/L	0				0	0	
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0	
	1-Methylnaphthalene	20	0	ug/L	0				0	0	
	2-Methylnaphthalene	20	0	ug/L	0				0	0	
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0	
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0	
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0	
	1,1'-Biphenyl	20	0	ug/L	0				0	0	
	2-Chloronaphthalene	20	0	ug/L	0				0	0	
	2-Nitroaniline	20	0	ug/L	0				0	0	
	Dimethylphthalate	20	0	ug/L	0				0	0	
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0	
	Acenaphthylene	20	0	ug/L	0				0	0	
	3-Nitroaniline	20	0	ug/L	0				0	0	
	Acenaphthene	20	0	ug/L	0				0	0	
	2,4-Dinitrophenol	20	0	ug/L	0				0	0	
	4-Nitrophenol	20	0	ug/L	0				0	0	
	Dibenzofuran	20	0	ug/L	0				0	0	
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0	
	Diethylphthalate	20	0	ug/L	0				0	0	
	Fluorene	20	0	ug/L	0				0	0	
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0	
	4-Nitroaniline	20	0	ug/L	0				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP012225

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
SSTDICV020	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0	
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0	
	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0	
	Hexachlorobenzene	20	0	ug/L	0				0	0	
	Atrazine	20	0	ug/L	0				0	0	
	Pentachlorophenol	20	0	ug/L	0				0	0	
	Phenanthrene	20	0	ug/L	0				0	0	
	Pentachlorobenzene	20	0	ug/L	0				0	0	
	Anthracene	20	0	ug/L	0				0	0	
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	Carbazole	20	0	ug/L	0				0	0	
	Di-n-butylphthalate	20	0	ug/L	0				0	0	
	Fluoranthene	20	0	ug/L	0				0	0	
	Pyrene	20	0	ug/L	0				0	0	
	Butylbenzylphthalate	20	0	ug/L	0				0	0	
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0	
	Benzo(a)anthracene	20	0	ug/L	0				0	0	
	Chrysene	20	0	ug/L	0				0	0	
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0	
	Di-n-octylphthalate	20	0	ug/L	0				0	0	
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(a)pyrene	20	0	ug/L	0				0	0	
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0	
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0	
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0	
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTD020775

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG NO.: BP012225

Lab File ID: BP023700.D Lab Sample ID: SSTDCCC020

Instrument ID: BNA_P Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 01/22/2025

Level: (low/med) LOW Time Analyzed: 11:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD020775	SSTDCCC020	BP023700.D	01/22/2025

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BP012225

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC020	SSTD020775	BP023700.D	1,4-Dioxane-d8	8	7,917.00	98963	*	15	120
			Pyridine-d5	40	20,853.00	52133	*	20	120
			Phenol-d5	40	21,713.00	54283	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	22,440.00	56100	*	25	120
			2-Chlorophenol-d4	40	22,498.00	56245	*	20	130
			4-Methylphenol-d8	40	23,381.00	58453	*	25	125
			Nitrobenzene-d5	40	21,771.00	54428	*	20	125
			2-Nitrophenol-d4	40	23,670.00	59175	*	20	130
			2,4-Dichlorophenol-d3	40	22,637.00	56592	*	20	120
			4-Chloroaniline-d4	40	22,232.00	55580	*	1	146
			Dimethylphthalate-d6	40	21,096.00	52740	*	25	130
			Acenaphthylene-d8	40	21,322.00	53305	*	10	130
			4-Nitrophenol-d4	40	19,887.00	49717	*	10	150
			Fluorene-d10	40	21,346.00	53365	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	20,408.00	51020	*	10	130
			Anthracene-d10	40	22,210.00	55525	*	25	130
			Pyrene-d10	40	24,234.00	60585	*	15	130
			Benzo(a)pyrene-d12	40	22,037.00	55092	*	20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP012225

Lab Code: CHEM SAS No.: BP012225 SDG NO.: BP012225

Lab File ID: BP023699.D DFTPP Injection Date: 01/22/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.2
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	83.8
443	15.0 - 24.0% of mass 442	16.7 (19.9) 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
SSTD020775	SSTDCCC020	BP023700.D	01/22/2025	11:44
SSTD005609	SSTD00573	BP023701.D	01/22/2025	13:29
SSTD010610	SSTD01074	BP023702.D	01/22/2025	14:10
SSTD020611	SSTD02075	BP023703.D	01/22/2025	14:50
SSTD040612	SSTD04076	BP023704.D	01/22/2025	15:30
SSTD080613	SSTD08077	BP023705.D	01/22/2025	16:10
SSTD160614	SSTD16078	BP023706.D	01/22/2025	16:50
SICV615	SSTDICV020	BP023707.D	01/22/2025	17:31