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.: BM110724 SAS No.: BM110724 SDG No.: BM110724

Instrument ID: BNA_M Calibration Date/Time: 11/7/2024 12 19:16

Lab File ID: BM048518.D Init. Calib. Date(s):

EPA Sample No.: SICV047 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.551	0.471	0.010	-14.4226	40.0
Benzaldehyde	0.752	0.709	0.010	-5.7397	40.0
Pyridine	1.419	1.194	0.010	-15.8981	40.0
Phenol	1.597	1.494	0.080	-6.4931	20.0
Bis(2-Chloroethyl)ether	1.255	1.184	0.100	-5.6496	20.0
2-Chlorophenol	1.307	1.257	0.200	-3.8212	20.0
2-Methylphenol	1.182	1.122	0.010	-5.0777	20.0
2,2-oxybis(1-Chloropropane)	1.846	1.706	0.010	-7.6082	40.0
Acetophenone	1.866	1.851	0.060	-0.7971	20.0
4-Methylphenol	1.295	1.244	0.010	-3.942	20.0
N-Nitroso-di-n-propylamine	0.877	0.865	0.050	-1.402	30.0
Hexachloroethane	0.552	0.521	0.100	-5.6435	20.0
Nitrobenzene	0.329	0.323	0.050	-1.6401	25.0
Isophorone	0.608	0.596	0.050	-2.0108	25.0
2-Nitrophenol	0.168	0.172	0.050	2.2302	25.0
2,4-Dimethylphenol	0.314	0.272	0.050	-13.4676	25.0
Bis(2-Chloroethoxy)methane	0.379	0.373	0.050	-1.7124	20.0
2,4-Dichlorophenol	0.291	0.283	0.060	-2.5947	20.0
Naphthalene	1.012	0.979	0.200	-3.3265	20.0
4-Chloroaniline	0.384	0.386	0.010	0.509	40.0
Hexachlorobutadiene	0.197	0.191	0.040	-3.105	30.0
Caprolactam	0.092	0.086	0.010	-5.9371	40.0
4-Chloro-3-methylphenol	0.281	0.280	0.040	-0.2392	25.0
1-Methylnaphthalene	0.665	0.609	0.100	-8.4018	20.0
2-Methylnaphthalene	0.648	0.652	0.100	0.637	20.0
Hexachlorocyclopentadiene	0.293	0.262	0.010	-10.4405	40.0
2,4,6-Trichlorophenol	0.362	0.358	0.090	-1.1094	25.0
2,4,5-Trichlorophenol	0.386	0.386	0.100	0.0364	25.0
1,1-Biphenyl	1.368	1.343	0.200	-1.8268	20.0
2-Chloronaphthalene	1.079	1.055	0.300	-2.2515	20.0
2-Nitroaniline	0.271	0.280	0.050	3.4583	40.0
Dimethylphthalate	1.282	1.259	0.300	-1.8107	20.0
2,6-Dinitrotoluene	0.244	0.270	0.080	10.5174	30.0
Acenaphthylene	1.659	1.677	0.400	1.0789	20.0
3-Nitroaniline	0.265	0.293	0.010	10.4702	40.0
Acenaphthene	1.168	1.134	0.200	-2.8959	20.0
2,4-Dinitrophenol	0.131	0.117	0.010	-10.876	40.0
4-Nitrophenol	0.171	0.164	0.010	-4.3486	40.0
Dibenzofuran	1.611	1.590	0.300	-1.3395	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM110724 SAS No.: BM110724 SDG No.: BM110724

Instrument ID: BNA_M Calibration Date/Time: 11/7/2024 12 19:16

Lab File ID: BM048518.D Init. Calib. Date(s):

EPA Sample No.: SICV047 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.355	0.369	0.070	3.9618	30.0
Diethylphthalate	1.264	1.245	0.300	-1.4297	20.0
Fluorene	1.276	1.248	0.200	-2.2002	20.0
4-Chlorophenyl-phenylether	0.629	0.609	0.100	-3.1335	20.0
4-Nitroaniline	0.261	0.294	0.010	12.6079	40.0
4,6-Dinitro-2-methylphenol	0.109	0.107	0.010	-2.5134	40.0
N-Nitrosodiphenylamine	0.527	0.525	0.050	-0.484	20.0
1,2,4,5-Tetrachlorobenzene	0.573	0.563	0.100	-1.8313	20.0
4-Bromophenyl-phenylether	0.189	0.183	0.070	-3.2026	20.0
Hexachlorobenzene	0.228	0.222	0.050	-2.5526	25.0
Atrazine	0.192	0.184	0.010	-4.1655	25.0
Pentachlorophenol	0.145	0.141	0.010	-2.4246	40.0
Phenanthrene	0.992	0.973	0.200	-1.9355	20.0
Pentachlorobenzene	0.278	0.266	0.050	-4.1626	20.0
Anthracene	0.995	0.984	0.200	-1.1606	20.0
1,2,3,4-Tetrachlorobenzene	0.285	0.259	0.050	-9.1852	20.0
Carbazole	0.897	0.918	0.050	2.3277	40.0
Di-n-butylphthalate	1.054	1.057	0.500	0.2599	25.0
Fluoranthene	1.165	1.157	0.400	-0.6322	25.0
Pyrene	1.263	1.262	0.400	-0.0493	25.0
Butylbenzylphthalate	0.485	0.489	0.100	0.8712	40.0
3,3-Dichlorobenzidine	0.363	0.438	0.010	20.4454	40.0
Benzo(a)anthracene	1.261	1.241	0.300	-1.5367	30.0
Chrysene	1.212	1.189	0.200	-1.8246	30.0
Bis(2-ethylhexyl)phthalate	0.708	0.709	0.200	0.237	40.0
Di-n-octyl phthalate	1.127	1.038	0.010	-7.9351	40.0
Benzo(b)fluoranthene	1.101	1.055	0.200	-4.1966	25.0
Benzo(k)fluoranthene	1.098	1.086	0.200	-1.0327	25.0
Benzo(a)pyrene	1.035	1.033	0.200	-0.1568	20.0
Indeno(1,2,3-cd)pyrene	1.345	1.317	0.200	-2.124	25.0
Dibenzo(a,h)anthracene	1.099	1.084	0.200	-1.3639	30.0
Benzo(g,h,i)perylene	1.055	0.997	0.200	-5.5046	30.0
2,3,4,6-Tetrachlorophenol	0.321	0.340	0.040	6.156	20.0
1,4-Dioxane-d8	0.502	0.448	0.010	-10.6818	25.0
Pyridine-d5	1.383	1.282	0.010	-7.2738	40.0
Phenol-d5	1.522	1.457	0.010	-4.3027	25.0
Bis-(2-Chloroethyl)ether-d8	0.914	0.936	0.050	2.3025	25.0
2-Chlorophenol-d4	1.261	1.241	0.200	-1.6294	20.0
4-Methylphenol-d8	1.197	1.146	0.010	-4.2502	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM110724 SAS No.: BM110724 SDG No.: BM110724

Instrument ID: BNA_M Calibration Date/Time: 11/7/2024 12 19:16

Lab File ID: BM048518.D Init. Calib. Date(s):

EPA Sample No.: SICV047 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.145	0.148	0.050	2.008	20.0
2-Nitrophenol-d4	0.154	0.160	0.050	3.6839	30.0
2,4-Dichlorophenol-d3	0.286	0.295	0.060	2.9243	20.0
4-Chloroaniline-d4	0.407	0.402	0.010	-1.1179	40.0
Dimethylphthalate-d6	1.277	1.269	0.300	-0.594	20.0
Acenaphthylene-d8	1.505	1.537	0.400	2.1121	20.0
4-Nitrophenol-d4	0.237	0.233	0.010	-1.5692	40.0
Fluorene-d10	1.114	1.105	0.100	-0.8441	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.096	0.010	-4.6252	40.0
Anthracene-d10	0.846	0.847	0.300	0.0701	20.0
Pyrene-d10	1.004	1.016	0.300	1.2401	25.0
Benzo(a)pyrene-d12	0.934	0.926	0.010	-0.8566	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:	SSTD020196		SDG No.:	BM110724	
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
BM048511.D	1		11/7/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8700		490	500	2000	ug/L
100-52-7	Benzaldehyde	23000		2500	5000	10000	ug/L
110-86-1	Pyridine	21000		1400	10000	10000	ug/L
108-95-2	Phenol	20000		1400	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	20000		1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	21000		1300	2500	5000	ug/L
95-48-7	2-Methylphenol	20000		1400	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	20000		1400	5000	10000	ug/L
98-86-2	Acetophenone	20000		1500	5000	10000	ug/L
106-44-5	4-Methylphenol	20000		1400	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19000		1600	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	20000		1400	2500	5000	ug/L
88-75-5	2-Nitrophenol	21000		1400	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	21000		980	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	20000		1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	21000		1500	2500	5000	ug/L
91-20-3	Naphthalene	21000		1300	2500	5000	ug/L
106-47-8	4-Chloroaniline	20000		1400	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	21000		1200	2500	5000	ug/L
105-60-2	Caprolactam	19000		4500	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	20000		1400	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	20000		1300	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	20000		1400	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	17000		3300	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	21000		1500	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	22000		1500	2500	5000	ug/L

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Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SSTD020196	SDG No.:	BM110724
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
BM048511.D	1		11/7/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	21000		1700	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	22000		1600	2500	5000	ug/L
88-74-4	2-Nitroaniline	20000		1200	2500	5000	ug/L
131-11-3	Dimethylphthalate	20000		1500	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	20000		1100	2500	5000	ug/L
208-96-8	Acenaphthylene	22000		1500	2500	5000	ug/L
99-09-2	3-Nitroaniline	20000		840	5000	10000	ug/L
83-32-9	Acenaphthene	21000		1500	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	13000		5900	5000	10000	ug/L
100-02-7	4-Nitrophenol	19000		1500	5000	10000	ug/L
132-64-9	Dibenzofuran	21000		1500	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	21000		1100	2500	5000	ug/L
84-66-2	Diethylphthalate	20000		1500	2500	5000	ug/L
86-73-7	Fluorene	22000		1500	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	21000		1600	2500	5000	ug/L
100-01-6	4-Nitroaniline	19000		1300	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17000		940	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	22000		1600	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	22000		1800	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	21000		1500	2500	5000	ug/L
118-74-1	Hexachlorobenzene	21000		1600	2500	5000	ug/L
1912-24-9	Atrazine	21000		1600	5000	10000	ug/L
87-86-5	Pentachlorophenol	20000		3600	5000	10000	ug/L
85-01-8	Phenanthrene	21000		1600	2500	5000	ug/L
608-93-5	Pentachlorobenzene	21000		1500	2500	5000	ug/L
120-12-7	Anthracene	22000		1400	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	22000		1200	2500	5000	ug/L
86-74-8	Carbazole	22000		1600	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	20000		1700	2500	5000	ug/L
206-44-0	Fluoranthene	20000		1700	5000	5000	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD020196			SDG No.:	BM110724
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
BM048511.D	1		11/7/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20000		1700	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	19000		1500	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	21000		1100	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	21000		1400	2500	5000	ug/L
218-01-9	Chrysene	21000		1500	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	20000		1800	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	17000		1400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	21000		1600	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	20000		1700	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	21000		1500	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	23000		1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	23000		1400	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	24000		1400	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	21000		1400	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8887	*	15-120		111088	SPK: -8
7291-22-7	Pyridine-d5	21759	*	20-120		54397	SPK: -40
4165-62-2	Phenol-d5	20112	*	10-130		50280	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19872	*	25-120		49680	SPK: -40
93951-73-6	2-Chlorophenol-d4	21204	*	20-130		53010	SPK: -40
190780-66-6	4-Methylphenol-d8	19393	*	25-125		48483	SPK: -40
4165-60-0	Nitrobenzene-d5	21041	*	20-125		52603	SPK: -40
93951-78-1	2-Nitrophenol-d4	20534	*	20-130		51335	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21256	*	20-120		53140	SPK: -40
191656-33-4	4-Chloroaniline-d4	19852	*	1-146		49630	SPK: -40
85448-30-2	Dimethylphthalate-d6	20136	*	25-130		50340	SPK: -40
93951-97-4	Acenaphthylene-d8	21161	*	10-130		52903	SPK: -40
93951-79-2	4-Nitrophenol-d4	19527	*	10-150		48817	SPK: -40
81103-79-9	Fluorene-d10	21039	*	25-125		52597	SPK: -40

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD020196		SDG No.:	BM110724	
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
BM048511.D	1		11/7/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16567	*	10-130		41417	SPK: -40
1719-06-8	Anthracene-d10	21533	*	25-130		53833	SPK: -40
1718-52-1	Pyrene-d10	19718	*	15-130		49295	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21427	*	20-130		53567	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127198	7.669				
1146-65-2	Naphthalene-d8	507470	10.451				
15067-26-2	Acenaphthene-d10	306001	14.315				
1517-22-2	Phenanthrene-d10	606984	17.062				
1719-03-5	Chrysene-d12	597241	21.286				
1520-96-3	Perylene-d12	711856	24.197				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1700	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BM110724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SSTD020196**								
SSTDCCC020	SSTD020196	Water	Total Alkanes	*	0.000		1700	5000	ug/L
			Total Tics :				**0.00**		
SSTDCCC020	SSTD020196	Water	1,1-Biphenyl		21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020196	Water	1,2,3,4-Tetrachlorobenzene		22,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020196	Water	1,2,4,5-Tetrachlorobenzene		22,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020196	Water	1,4-Dioxane		8,700.000		490	2000	ug/L
SSTDCCC020	SSTD020196	Water	1-Methylnaphthalene		20,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020196	Water	2,2-oxybis(1-Chloropropane)		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020196	Water	2,3,4,6-Tetrachlorophenol		21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	2,4,5-Trichlorophenol		22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	2,4,6-Trichlorophenol		21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	2,4-Dichlorophenol		21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	2,4-Dimethylphenol		21,000.000		980	5000	ug/L
SSTDCCC020	SSTD020196	Water	2,4-Dinitrophenol		13,000.000		5900	10000	ug/L
SSTDCCC020	SSTD020196	Water	2,4-Dinitrotoluene		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020196	Water	2,6-Dinitrotoluene		20,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020196	Water	2-Chloronaphthalene		22,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020196	Water	2-Chlorophenol		21,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020196	Water	2-Methylnaphthalene		20,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	2-Methylphenol		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020196	Water	2-Nitroaniline		20,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020196	Water	2-Nitrophenol		21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	3,3-Dichlorobenzidine		21,000.000		1100	10000	ug/L
SSTDCCC020	SSTD020196	Water	3-Nitroaniline		20,000.000		840	10000	ug/L
SSTDCCC020	SSTD020196	Water	4,6-Dinitro-2-methylphenol		17,000.000		940	10000	ug/L
SSTDCCC020	SSTD020196	Water	4-Bromophenyl-phenylether		21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	4-Chloro-3-methylphenol		20,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	4-Chloroaniline		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020196	Water	4-Chlorophenyl-phenylether		21,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020196	Water	4-Methylphenol		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020196	Water	4-Nitroaniline		19,000.000		1300	10000	ug/L
SSTDCCC020	SSTD020196	Water	4-Nitrophenol		19,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020196	Water	Acenaphthene		21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Acenaphthylene		22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Acetophenone		20,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020196	Water	Anthracene		22,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	Atrazine		21,000.000		1600	10000	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: BM110724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTD020196	Water	Benzaldehyde	23,000.000		2500	10000	ug/L
SSTDCCC020	SSTD020196	Water	Benzo(a)anthracene	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	Benzo(a)pyrene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Benzo(b)fluoranthene	21,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020196	Water	Benzo(g,h,i)perylene	24,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	Benzo(k)fluoranthene	20,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020196	Water	Bis(2-Chloroethoxy)methane	20,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Bis(2-Chloroethyl)ether	20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020196	Water	Bis(2-ethylhexyl)phthalate	20,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020196	Water	Butylbenzylphthalate	19,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Caprolactam	19,000.000		4500	10000	ug/L
SSTDCCC020	SSTD020196	Water	Carbazole	22,000.000		1600	10000	ug/L
SSTDCCC020	SSTD020196	Water	Chrysene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Di-n-butylphthalate	20,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020196	Water	Di-n-octyl phthalate	17,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020196	Water	Dibenzo(a,h)anthracene	23,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	Dibenzofuran	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Diethylphthalate	20,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Dimethylphthalate	20,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Fluoranthene	20,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020196	Water	Fluorene	22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Hexachlorobenzene	21,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020196	Water	Hexachlorobutadiene	21,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020196	Water	Hexachlorocyclopentadiene	17,000.000		3300	10000	ug/L
SSTDCCC020	SSTD020196	Water	Hexachloroethane	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020196	Water	Indeno(1,2,3-cd)pyrene	23,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	Isophorone	20,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	N-Nitroso-di-n-propylamine	19,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020196	Water	N-Nitrosodiphenylamine	22,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020196	Water	Naphthalene	21,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020196	Water	Nitrobenzene	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020196	Water	Pentachlorobenzene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020196	Water	Pentachlorophenol	20,000.000		3600	10000	ug/L
SSTDCCC020	SSTD020196	Water	Phenanthrene	21,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020196	Water	Phenol	20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020196	Water	Pyrene	20,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020196	Water	Pyridine	21,000.000		1400	10000	ug/L
			Total Svoc :	**1,464,700.00**				
			Total Concentration:	**1,464,700.00**				

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BM110724

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.: BM110724 SAS No.: BM110724 SDG No.: BM110724

Instrument ID: Calibration Date(s): 11/7/2024

Calibration Time(s): 15:07

LAB FILE ID: RRFAL1 = BM048512.D RRFAL2 = BM048513.D RRFAL3 = BM048514.D
RRFAL4 = BM048515.D RRFAL5 = BM048516.D RRFAL6 = BM048517.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.551	0.545	0.580	0.550	0.527		0.551	3.4
Benzaldehyde		0.921	0.962	0.813	0.587	0.480	0.752	28.0
Pyridine		1.384	1.464	1.446	1.421	1.382	1.419	2.6
Hexachloroethane	0.524	0.546	0.574	0.561	0.556		0.552	3.4
Nitrobenzene	0.287	0.312	0.348	0.350	0.346		0.329	8.5
Isophorone	0.549	0.578	0.634	0.642	0.636		0.608	6.9
2-Nitrophenol	0.136	0.154	0.181	0.184	0.185		0.168	13.1
2,4-Dimethylphenol	0.285	0.304	0.333	0.327	0.320		0.314	6.2
Bis(2-Chloroethoxy)methane	0.332	0.368	0.403	0.401	0.393		0.379	7.9
2,4-Dichlorophenol	0.256	0.282	0.309	0.308	0.298		0.291	7.6
Naphthalene	0.990	0.990	1.071	1.027	0.984		1.012	3.6
4-Chloroaniline		0.343	0.397	0.398	0.396	0.383	0.384	6.1
Hexachlorobutadiene	0.189	0.198	0.207	0.198	0.190		0.197	3.8
Phenol		1.519	1.634	1.626	1.619	1.588	1.597	2.9
Caprolactam		0.073	0.089	0.096	0.099	0.101	0.092	12.4
4-Chloro-3-methylphenol	0.240	0.262	0.301	0.301	0.302		0.281	10.2
1-Methylnaphthalene	0.632	0.648	0.704	0.682	0.658		0.665	4.3
2-Methylnaphthalene	0.606	0.635	0.683	0.666	0.648		0.648	4.6
Hexachlorocyclopentadiene		0.235	0.280	0.308	0.321	0.321	0.293	12.5
2,4,6-Trichlorophenol	0.317	0.348	0.385	0.378	0.383		0.362	8.1
2,4,5-Trichlorophenol	0.327	0.366	0.418	0.408	0.409		0.386	10.0
1,1-Biphenyl	1.282	1.374	1.449	1.384	1.349		1.368	4.4
2-Chloronaphthalene	1.018	1.063	1.152	1.097	1.066		1.079	4.6
2-Nitroaniline	0.202	0.237	0.291	0.307	0.318		0.271	18.4
Bis(2-Chloroethyl)ether		1.204	1.288	1.284	1.260	1.240	1.255	2.8
Dimethylphthalate	1.198	1.262	1.352	1.314	1.287		1.282	4.5
2,6-Dinitrotoluene	0.190	0.220	0.259	0.272	0.282		0.244	15.7
Acenaphthylene	1.529	1.651	1.764	1.702	1.649		1.659	5.2
3-Nitroaniline		0.216	0.276	0.285	0.275	0.277	0.265	10.6
Acenaphthene	1.118	1.158	1.239	1.190	1.136		1.168	4.1
2,4-Dinitrophenol		0.067	0.099	0.138	0.164	0.189	0.131	37.1
4-Nitrophenol		0.122	0.167	0.187	0.191	0.190	0.171	17.0
Dibenzofuran	1.522	1.602	1.717	1.657	1.558		1.611	4.8
2,4-Dinitrotoluene	0.265	0.324	0.386	0.403	0.400		0.355	16.8
Diethylphthalate	1.144	1.233	1.333	1.318	1.290		1.264	6.1
2-Chlorophenol	1.178	1.277	1.386	1.354	1.339		1.307	6.3

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.: BM110724 SAS No.: BM110724 SDG No.: BM110724

Instrument ID: Calibration Date(s): 11/7/2024

Calibration Time(s): 15:07

LAB FILE ID: RRFAL1 = BM048512.D RRFAL2 = BM048513.D RRFAL3 = BM048514.D
RRFAL4 = BM048515.D RRFAL5 = BM048516.D RRFAL6 = BM048517.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.225	1.279	1.366	1.312	1.196		1.276	5.3
4-Chlorophenyl-phenylether	0.604	0.636	0.673	0.635	0.595		0.629	4.9
4-Nitroaniline		0.211	0.278	0.295	0.271	0.251	0.261	12.3
4,6-Dinitro-2-methylphenol		0.081	0.106	0.116	0.124	0.119	0.109	15.6
N-Nitrosodiphenylamine	0.476	0.527	0.577	0.541	0.514		0.527	7.1
1,2,4,5-Tetrachlorobenzene	0.534	0.580	0.606	0.577	0.569		0.573	4.5
4-Bromophenyl-phenylether	0.176	0.185	0.205	0.190	0.186		0.189	5.5
Hexachlorobenzene	0.217	0.227	0.246	0.229	0.220		0.228	5.0
Atrazine		0.178	0.203	0.198	0.197	0.183	0.192	5.5
Pentachlorophenol		0.124	0.149	0.149	0.152	0.148	0.145	8.0
2-Methylphenol		1.072	1.208	1.221	1.212	1.199	1.182	5.3
Phenanthrene	0.949	0.991	1.072	0.993	0.954		0.992	5.0
Pentachlorobenzene	0.272	0.280	0.297	0.275	0.266		0.278	4.3
Anthracene	0.926	0.981	1.090	1.016	0.964		0.995	6.2
1,2,3,4-Tetrachlorobenzene	0.280	0.288	0.303	0.278	0.276		0.285	3.9
Carbazole		0.841	0.979	0.942	0.904	0.817	0.897	7.5
Di-n-butylphthalate	0.900	1.005	1.142	1.117	1.108		1.054	9.6
Fluoranthene	1.082	1.113	1.232	1.203	1.193		1.165	5.5
Pyrene	1.203	1.229	1.337	1.294	1.251		1.263	4.2
Butylbenzylphthalate	0.396	0.433	0.511	0.529	0.557		0.485	14.0
3,3-Dichlorobenzidine		0.366	0.415	0.391	0.345	0.300	0.363	12.2
2,2-oxybis(1-Chloropropane)		1.869	1.944	1.870	1.823	1.724	1.846	4.4
Benzo(a)anthracene	1.180	1.212	1.354	1.291	1.267		1.261	5.4
Chrysene	1.169	1.186	1.290	1.222	1.190		1.212	4.0
Bis(2-ethylhexyl)phthalate	0.590	0.649	0.757	0.765	0.776		0.708	11.8
Di-n-octyl phthalate		0.937	1.128	1.159	1.210	1.204	1.127	9.9
Benzo(b)fluoranthene	1.018	1.060	1.167	1.151	1.109		1.101	5.7
Benzo(k)fluoranthene	0.995	1.059	1.200	1.121	1.114		1.098	6.9
Benzo(a)pyrene	0.934	0.995	1.114	1.083	1.049		1.035	6.9
Indeno(1,2,3-cd)pyrene	1.221	1.293	1.426	1.404	1.382		1.345	6.4
Dibenzo(a,h)anthracene	1.001	1.062	1.171	1.145	1.114		1.099	6.2
Benzo(g,h,i)perylene	0.969	1.013	1.107	1.098	1.087		1.055	5.8
Acetophenone		1.795	1.928	1.924	1.897	1.786	1.866	3.7
2,3,4,6-Tetrachlorophenol	0.276	0.303	0.347	0.341	0.336		0.321	9.4
1,4-Dioxane-d8	0.485	0.509	0.524	0.508	0.483		0.502	3.5
Pyridine-d5		1.348	1.415	1.396	1.400	1.354	1.383	2.1

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM110724 SAS No.: BM110724 SDG No.: BM110724

Instrument ID: Calibration Date(s): 11/7/2024

Calibration Time(s): 15:07

LAB FILE ID: RRFAL1 = BM048512.D RRFAL2 = BM048513.D RRFAL3 = BM048514.D
RRFAL4 = BM048515.D RRFAL5 = BM048516.D RRFAL6 = BM048517.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.415	1.551	1.563	1.545	1.539	1.522	4.0
Bis-(2-Chloroethyl)ether-d8		0.885	0.937	0.932	0.923	0.895	0.914	2.5
2-Chlorophenol-d4	1.121	1.225	1.327	1.326	1.307		1.261	7.0
4-Methylphenol-d8		1.089	1.209	1.231	1.228	1.229	1.197	5.1
Nitrobenzene-d5	0.127	0.133	0.151	0.157	0.156		0.145	9.6
2-Nitrophenol-d4	0.125	0.139	0.163	0.170	0.174		0.154	13.7
2,4-Dichlorophenol-d3	0.249	0.279	0.304	0.302	0.298		0.286	8.1
4-Chloroaniline-d4		0.364	0.420	0.422	0.419	0.409	0.407	6.0
4-Methylphenol		1.217	1.311	1.336	1.314	1.295	1.295	3.5
Dimethylphthalate-d6	1.185	1.248	1.345	1.307	1.299		1.277	4.8
Acenaphthylene-d8	1.352	1.462	1.601	1.571	1.540		1.505	6.7
4-Nitrophenol-d4		0.157	0.232	0.259	0.271	0.265	0.237	19.8
Fluorene-d10	1.040	1.103	1.184	1.151	1.095		1.114	5.0
4,6-Dinitro-2-methylphenol-		0.069	0.098	0.107	0.114	0.114	0.101	18.7
Anthracene-d10	0.784	0.830	0.919	0.863	0.836		0.846	5.8
Pyrene-d10	0.924	0.963	1.063	1.042	1.026		1.004	5.8
Benzo(a)pyrene-d12	0.836	0.905	1.004	0.976	0.953		0.934	7.1
N-Nitroso-di-n-propylamine	0.782	0.842	0.921	0.929	0.912		0.877	7.2

All other compounds must meet a minimum RRF of 0.010.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM110724 SAS No.: BM110724 SDG NO.: BM110724

EPA Sample No.: SSTD020043 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BM048514.D Time Analyzed: 14:28

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	132700	7.663	526355	10.45	315864	14.32
	UPPER LIMIT	265400	8.163	1052710	10.951	631728	14.815
	LOWER LIMIT	66350	7.163	263177.5	9.951	157932	13.815
	EPA SAMPLE NO.						
01	SSTD020196	127198	7.67	507470	10.45	306001	14.32
02	SICV047	156934	7.66	628030	10.45	381374	14.32

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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM110724 SAS No.: BM110724 SDG NO.: BM110724

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.: BM110724 SAS No.: BM110724 SDG NO.: BM110724

EPA Sample No.: SSTD020043 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BM048514.D Time Analyzed: 14:28

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	625795	17.056	635401	21.286	748072	24.197
	UPPER LIMIT	1251590	17.556	1270802	21.786	1496144	24.697
	LOWER LIMIT	312897.5	16.556	317700.5	20.786	374036	23.697
	EPA SAMPLE NO.						
01	SSTD020196	606984	17.06	597241	21.29	711856	24.20
02	SICV047	765102	17.06	751107	21.29	896826	24.20

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.: BM110724 SAS No.: BM110724 SDG NO.: BM110724

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.: BM110724

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.: BM110724

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.

SSTD020196

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM110724 SAS No.: BM110724 SDG NO.: BM110724

Lab File ID: BM048511.D Lab Sample ID: SSTDCCC020

Instrument ID: BNA_M Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 11/07/2024

Level: (low/med) LOW Time Analyzed: 14:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD020196	SSTDCCC020	BM048511.D	11/07/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BM110724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC020	SSTD020196	BM048511.D	1,4-Dioxane-d8	8	8,887.00	111088	*	15	120
			Pyridine-d5	40	21,759.00	54397	*	20	120
			Phenol-d5	40	20,112.00	50280	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	19,872.00	49680	*	25	120
			2-Chlorophenol-d4	40	21,204.00	53010	*	20	130
			4-Methylphenol-d8	40	19,393.00	48483	*	25	125
			Nitrobenzene-d5	40	21,041.00	52603	*	20	125
			2-Nitrophenol-d4	40	20,534.00	51335	*	20	130
			2,4-Dichlorophenol-d3	40	21,256.00	53140	*	20	120
			4-Chloroaniline-d4	40	19,852.00	49630	*	1	146
			Dimethylphthalate-d6	40	20,136.00	50340	*	25	130
			Acenaphthylene-d8	40	21,161.00	52903	*	10	130
			4-Nitrophenol-d4	40	19,527.00	48817	*	10	150
			Fluorene-d10	40	21,039.00	52597	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	16,567.00	41417	*	10	130
			Anthracene-d10	40	21,533.00	53833	*	25	130
			Pyrene-d10	40	19,718.00	49295	*	15	130
			Benzo(a)pyrene-d12	40	21,427.00	53567	*	20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM110724

Lab Code: CHEM SAS No.: BM110724 SDG NO.: BM110724

Lab File ID: BM048510.D DFTPP Injection Date: 11/07/2024

Instrument ID: BNA_M DFTPP Injection Time: 13:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	32.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	84.2
443	15.0 - 24.0% of mass 442	16.2 (19.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020196	SSTDCCC020	BM048511.D	11/07/2024	14:28
SSTD005041	SSTD00554	BM048512.D	11/07/2024	15:07
SSTD010042	SSTD01055	BM048513.D	11/07/2024	15:59
SSTD020043	SSTD02056	BM048514.D	11/07/2024	16:39
SSTD040044	SSTD04057	BM048515.D	11/07/2024	17:18
SSTD080045	SSTD08058	BM048516.D	11/07/2024	17:58
SSTD160046	SSTD16059	BM048517.D	11/07/2024	18:37
SICV047	SSTDICV020	BM048518.D	11/07/2024	19:16