CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP042424 SAS No.: BP042424 SDG No.: BP042424

Instrument ID: BNA_P Calibration Date/Time: 4/24/2024 12 15:46

Lab File ID: BP020120.D Init. Calib. Date(s):

EPA Sample No.: SICV629 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.538	0.562	0.010	4.3485	40.0
Benzaldehyde	0.971	1.206	0.010	24.1886	40.0
Pyridine	1.447	1.357	0.010	-6.2109	40.0
Phenol	1.762	1.968	0.080	11.7034	20.0
Bis(2-Chloroethyl)ether	1.389	1.561	0.100	12.3226	20.0
2-Chlorophenol	1.250	1.417	0.200	13.4335	20.0
2-Methylphenol	1.273	1.379	0.010	8.3224	20.0
2,2-oxybis(1-Chloropropane)	1.914	2.116	0.010	10.544	40.0
Acetophenone	2.144	2.467	0.060	15.0517	20.0
4-Methylphenol	1.348	1.538	0.010	14.1131	20.0
N-Nitroso-di-n-propylamine	1.173	1.349	0.050	14.9365	30.0
Hexachloroethane	0.604	0.653	0.100	8.1696	20.0
Nitrobenzene	0.460	0.505	0.050	9.9144	25.0
Isophorone	0.818	0.888	0.050	8.5834	25.0
2-Nitrophenol	0.180	0.201	0.050	11.4282	25.0
2,4-Dimethylphenol	0.378	0.344	0.050	-9.0352	25.0
Bis(2-Chloroethoxy)methane	0.466	0.503	0.050	7.9009	20.0
2,4-Dichlorophenol	0.316	0.350	0.060	10.9325	20.0
Naphthalene	1.034	1.112	0.200	7.5168	20.0
4-Chloroaniline	0.414	0.451	0.010	8.9638	40.0
Hexachlorobutadiene	0.264	0.271	0.040	2.8087	30.0
Caprolactam	0.106	0.117	0.010	10.2955	40.0
4-Chloro-3-methylphenol	0.366	0.405	0.040	10.8083	25.0
1-Methylnaphthalene	0.696	0.709	0.100	1.9638	20.0
2-Methylnaphthalene	0.692	0.764	0.100	10.3842	20.0
Hexachlorocyclopentadiene	0.358	0.261	0.010	-26.9934	40.0
2,4,6-Trichlorophenol	0.411	0.461	0.090	12.3367	25.0
2,4,5-Trichlorophenol	0.441	0.488	0.100	10.5093	25.0
1,1-Biphenyl	1.405	1.604	0.200	14.1513	20.0
2-Chloronaphthalene	1.138	1.232	0.300	8.2944	20.0
2-Nitroaniline	0.397	0.450	0.050	13.2097	40.0
Dimethylphthalate	1.458	1.561	0.300	7.0435	20.0
2,6-Dinitrotoluene	0.296	0.337	0.080	13.55	30.0
Acenaphthylene	1.820	1.997	0.400	9.6836	20.0
3-Nitroaniline	0.278	0.353	0.010	26.933	40.0
Acenaphthene	1.193	1.280	0.200	7.287	20.0
2,4-Dinitrophenol	0.188	0.192	0.010	1.8087	40.0
4-Nitrophenol	0.246	0.256	0.010	4.1803	40.0
Dibenzofuran	1.690	1.891	0.300	11.9056	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP042424 SAS No.: BP042424 SDG No.: BP042424

Instrument ID: BNA_P Calibration Date/Time: 4/24/2024 12 15:46

Lab File ID: BP020120.D Init. Calib. Date(s):

EPA Sample No.: SICV629 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.434	0.487	0.070	12.0553	30.0
Diethylphthalate	1.470	1.550	0.300	5.4425	20.0
Fluorene	1.403	1.502	0.200	7.0181	20.0
4-Chlorophenyl-phenylether	0.767	0.793	0.100	3.4331	20.0
4-Nitroaniline	0.249	0.327	0.010	31.5216	40.0
4,6-Dinitro-2-methylphenol	0.135	0.144	0.010	6.5864	40.0
N-Nitrosodiphenylamine	0.520	0.591	0.050	13.6533	20.0
1,2,4,5-Tetrachlorobenzene	0.678	0.751	0.100	10.8946	20.0
4-Bromophenyl-phenylether	0.216	0.229	0.070	6.1583	20.0
Hexachlorobenzene	0.218	0.261	0.050	19.4652	25.0
Atrazine	0.210	0.231	0.010	9.8974	25.0
Pentachlorophenol	0.156	0.166	0.010	6.7209	40.0
Phenanthrene	1.023	1.105	0.200	8.033	20.0
Pentachlorobenzene	0.287	0.310	0.050	7.9301	20.0
Anthracene	1.055	1.119	0.200	6.0543	20.0
1,2,3,4-Tetrachlorobenzene	0.294	0.339	0.050	15.1752	20.0
Carbazole	0.936	1.060	0.050	13.2639	40.0
Di-n-butylphthalate	1.147	1.235	0.500	7.7108	25.0
Fluoranthene	1.233	1.270	0.400	3.0041	25.0
Pyrene	1.294	1.339	0.400	3.4538	25.0
Butylbenzylphthalate	0.522	0.572	0.100	9.4932	40.0
3,3-Dichlorobenzidine	0.468	0.552	0.010	18.09	40.0
Benzo(a)anthracene	1.388	1.463	0.300	5.3677	30.0
Chrysene	1.288	1.382	0.200	7.29	30.0
Bis(2-ethylhexyl)phthalate	0.764	0.832	0.200	9.013	40.0
Di-n-octyl phthalate	1.196	1.294	0.010	8.192	40.0
Benzo(b)fluoranthene	1.185	1.330	0.200	12.2349	25.0
Benzo(k)fluoranthene	1.199	1.284	0.200	7.0673	25.0
Benzo(a)pyrene	1.137	1.220	0.200	7.2804	20.0
Indeno(1,2,3-cd)pyrene	1.371	1.523	0.200	11.1416	25.0
Dibenzo(a,h)anthracene	1.131	1.216	0.200	7.5135	30.0
Benzo(g,h,i)perylene	1.102	1.182	0.200	7.2214	30.0
2,3,4,6-Tetrachlorophenol	0.406	0.444	0.040	9.2547	20.0
1,4-Dioxane-d8	0.479	0.509	0.010	6.2149	25.0
Pyridine-d5	1.411	1.545	0.010	9.5343	40.0
Phenol-d5	1.696	1.948	0.010	14.8465	25.0
Bis-(2-Chloroethyl)ether-d8	1.093	1.397	0.050	27.8948	25.0
2-Chlorophenol-d4	1.191	1.411	0.200	18.5029	20.0
4-Methylphenol-d8	1.291	1.504	0.010	16.5025	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP042424 SAS No.: BP042424 SDG No.: BP042424

Instrument ID: BNA_P Calibration Date/Time: 4/24/2024 12 15:46

Lab File ID: BP020120.D Init. Calib. Date(s):

EPA Sample No.: SICV629 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.180	0.050	17.3947	20.0
2-Nitrophenol-d4	0.170	0.203	0.050	18.9242	30.0
2,4-Dichlorophenol-d3	0.321	0.377	0.060	17.5648	20.0
4-Chloroaniline-d4	0.418	0.480	0.010	14.8307	40.0
Dimethylphthalate-d6	1.428	1.643	0.300	15.043	20.0
Acenaphthylene-d8	1.628	1.903	0.400	16.8709	20.0
4-Nitrophenol-d4	0.232	0.243	0.010	4.6866	40.0
Fluorene-d10	1.243	1.398	0.100	12.5338	20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.141	0.010	10.5971	40.0
Anthracene-d10	0.888	1.013	0.300	14.0936	20.0
Pyrene-d10	1.064	1.165	0.300	9.4608	25.0
Benzo(a)pyrene-d12	0.976	1.132	0.010	15.9534	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:	SSTD020777		SDG No.:	BP042424	
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
BP020113.D	1		4/24/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7800		350	500	2000	ug/L
100-52-7	Benzaldehyde	25000		1100	5000	10000	ug/L
110-86-1	Pyridine	20000		1700	10000	10000	ug/L
108-95-2	Phenol	21000		1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	22000		1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	21000		910	2500	5000	ug/L
95-48-7	2-Methylphenol	21000		1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22000		1900	5000	10000	ug/L
98-86-2	Acetophenone	22000		1500	5000	10000	ug/L
106-44-5	4-Methylphenol	21000		1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23000		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	22000		1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	22000		1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	22000		690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	22000		1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	21000		1100	2500	5000	ug/L
91-20-3	Naphthalene	21000		940	2500	5000	ug/L
106-47-8	4-Chloroaniline	21000		940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	21000		1500	2500	5000	ug/L
105-60-2	Caprolactam	21000		2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	22000		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	20000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	21000		2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	20000		1600	2500	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD020777			SDG No.:	BP042424
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
BP020113.D	1		4/24/2024 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	21000		1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	21000		1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	21000		1700	2500	5000	ug/L
208-96-8	Acenaphthylene	21000		1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	21000		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	21000		1500	2500	5000	ug/L
84-66-2	Diethylphthalate	24000		1300	2500	5000	ug/L
86-73-7	Fluorene	24000		940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	25000		1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	23000		830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	21000		2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	21000		1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20000		1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	23000		950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	26000		1200	2500	5000	ug/L
1912-24-9	Atrazine	23000		1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	22000		1900	5000	10000	ug/L
85-01-8	Phenanthrene	21000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	18000		1700	2500	5000	ug/L
120-12-7	Anthracene	21000		1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	19000		1700	2500	5000	ug/L
86-74-8	Carbazole	20000		1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	21000		1900	2500	5000	ug/L
206-44-0	Fluoranthene	21000		1900	5000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD020777			SDG No.:	BP042424
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
BP020113.D	1		4/24/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21000		1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	20000		2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	20000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	20000		1100	2500	5000	ug/L
218-01-9	Chrysene	20000		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	21000		3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	19000		2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	21000		1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	21000		1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	21000		1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	9300		1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	21000		1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	12000		1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	21000		1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8315	*	15-120		103938	SPK: -8
7291-22-7	Pyridine-d5	19954	*	20-120		49885	SPK: -40
4165-62-2	Phenol-d5	20870	*	10-130		52175	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21792	*	25-120		54480	SPK: -40
93951-73-6	2-Chlorophenol-d4	21566	*	20-130		53915	SPK: -40
190780-66-6	4-Methylphenol-d8	21807	*	25-125		54517	SPK: -40
4165-60-0	Nitrobenzene-d5	20485	*	20-125		51213	SPK: -40
93951-78-1	2-Nitrophenol-d4	21827	*	20-130		54567	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21334	*	20-120		53335	SPK: -40
191656-33-4	4-Chloroaniline-d4	21119	*	1-146		52797	SPK: -40
85448-30-2	Dimethylphthalate-d6	21035	*	25-130		52588	SPK: -40
93951-97-4	Acenaphthylene-d8	20684	*	10-130		51710	SPK: -40
93951-79-2	4-Nitrophenol-d4	19469	*	10-150		48673	SPK: -40
81103-79-9	Fluorene-d10	23654	*	25-125		59135	SPK: -40

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD020777			SDG No.:	BP042424
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
BP020113.D	1		4/24/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21007	*	10-130		52517	SPK: -40
1719-06-8	Anthracene-d10	21298	*	25-130		53245	SPK: -40
1718-52-1	Pyrene-d10	21120	*	15-130		52800	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20936	*	20-130		52340	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94747	7.634				
1146-65-2	Naphthalene-d8	394283	10.41				
15067-26-2	Acenaphthene-d10	278414	14.304				
1517-22-2	Phenanthrene-d10	701873	17.157				
1719-03-5	Chrysene-d12	710932	21.669				
1520-96-3	Perylene-d12	790280	25.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP042424

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SSTD020777**								
SSTDCCC020	SSTD020777	Water	Total Alkanes	*	0.000		1100	5000	ug/L
			Total Tics :				**0.00**		
SSTDCCC020	SSTD020777	Water	1,1-Biphenyl		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	1,2,3,4-Tetrachlorobenzene		19,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020777	Water	1,2,4,5-Tetrachlorobenzene		20,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020777	Water	1,4-Dioxane		7,800.000		350	2000	ug/L
SSTDCCC020	SSTD020777	Water	1-Methylnaphthalene		22,000.000		910	5000	ug/L
SSTDCCC020	SSTD020777	Water	2,2-oxybis(1-Chloropropane)		22,000.000		1900	10000	ug/L
SSTDCCC020	SSTD020777	Water	2,3,4,6-Tetrachlorophenol		21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020777	Water	2,4,5-Trichlorophenol		20,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020777	Water	2,4,6-Trichlorophenol		21,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020777	Water	2,4-Dichlorophenol		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	2,4-Dimethylphenol		22,000.000		690	5000	ug/L
SSTDCCC020	SSTD020777	Water	2,4-Dinitrophenol		19,000.000		1800	10000	ug/L
SSTDCCC020	SSTD020777	Water	2,4-Dinitrotoluene		21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020777	Water	2,6-Dinitrotoluene		21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020777	Water	2-Chloronaphthalene		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	2-Chlorophenol		21,000.000		910	5000	ug/L
SSTDCCC020	SSTD020777	Water	2-Methylnaphthalene		22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	2-Methylphenol		21,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020777	Water	2-Nitroaniline		21,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020777	Water	2-Nitrophenol		22,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020777	Water	3,3-Dichlorobenzidine		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020777	Water	3-Nitroaniline		21,000.000		1600	10000	ug/L
SSTDCCC020	SSTD020777	Water	4,6-Dinitro-2-methylphenol		21,000.000		2400	10000	ug/L
SSTDCCC020	SSTD020777	Water	4-Bromophenyl-phenylether		23,000.000		950	5000	ug/L
SSTDCCC020	SSTD020777	Water	4-Chloro-3-methylphenol		22,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020777	Water	4-Chloroaniline		21,000.000		940	10000	ug/L
SSTDCCC020	SSTD020777	Water	4-Chlorophenyl-phenylether		25,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	4-Methylphenol		21,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020777	Water	4-Nitroaniline		23,000.000		830	10000	ug/L
SSTDCCC020	SSTD020777	Water	4-Nitrophenol		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020777	Water	Acenaphthene		21,000.000		960	5000	ug/L
SSTDCCC020	SSTD020777	Water	Acenaphthylene		21,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020777	Water	Acetophenone		22,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020777	Water	Anthracene		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	Atrazine		23,000.000		1800	10000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Hit Summary Sheet
SW-846

SDG No.: BP042424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTD020777	Water	Benzaldehyde	25,000.000		1100	10000	ug/L
SSTDCCC020	SSTD020777	Water	Benzo(a)anthracene	20,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	Benzo(a)pyrene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	Benzo(b)fluoranthene	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020777	Water	Benzo(g,h,i)perylene	12,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020777	Water	Benzo(k)fluoranthene	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020777	Water	Bis(2-Chloroethoxy)methane	22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020777	Water	Bis(2-Chloroethyl)ether	22,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020777	Water	Bis(2-ethylhexyl)phthalate	21,000.000		3000	5000	ug/L
SSTDCCC020	SSTD020777	Water	Butylbenzylphthalate	20,000.000		2700	5000	ug/L
SSTDCCC020	SSTD020777	Water	Caprolactam	21,000.000		2600	10000	ug/L
SSTDCCC020	SSTD020777	Water	Carbazole	20,000.000		1100	10000	ug/L
SSTDCCC020	SSTD020777	Water	Chrysene	20,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	Di-n-butylphthalate	21,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020777	Water	Di-n-octyl phthalate	19,000.000		2400	10000	ug/L
SSTDCCC020	SSTD020777	Water	Dibenzo(a,h)anthracene	21,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020777	Water	Dibenzofuran	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	Diethylphthalate	24,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020777	Water	Dimethylphthalate	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	Fluoranthene	21,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020777	Water	Fluorene	24,000.000		940	5000	ug/L
SSTDCCC020	SSTD020777	Water	Hexachlorobenzene	26,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020777	Water	Hexachlorobutadiene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020777	Water	Hexachlorocyclopentadiene	20,000.000		3100	10000	ug/L
SSTDCCC020	SSTD020777	Water	Hexachloroethane	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020777	Water	Indeno(1,2,3-cd)pyrene	9,300.000		1400	5000	ug/L
SSTDCCC020	SSTD020777	Water	Isophorone	22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020777	Water	N-Nitroso-di-n-propylamine	23,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020777	Water	N-Nitrosodiphenylamine	21,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020777	Water	Naphthalene	21,000.000		940	5000	ug/L
SSTDCCC020	SSTD020777	Water	Nitrobenzene	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020777	Water	Pentachlorobenzene	18,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020777	Water	Pentachlorophenol	22,000.000		1900	10000	ug/L
SSTDCCC020	SSTD020777	Water	Phenanthrene	21,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020777	Water	Phenol	21,000.000		1600	10000	ug/L
SSTDCCC020	SSTD020777	Water	Pyrene	21,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020777	Water	Pyridine	20,000.000		1700	10000	ug/L
			Total Svoc :	**1,497,100.00**				
			Total Concentration:	**1,497,100.00**				

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

Hit Summary Sheet
SW-846

SDG No.: BP042424

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.: BP042424 SAS No.: BP042424 SDG No.: BP042424

Instrument ID: Calibration Date(s): 4/24/2024

Calibration Time(s): 11:19

LAB FILE ID: RRFAL1 = BP020114.D RRFAL2 = BP020115.D RRFAL3 = BP020116.D
RRFAL4 = BP020117.D RRFAL5 = BP020118.D RRFAL6 = BP020119.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.510	0.532	0.562	0.551	0.537		0.538	3.7
Benzaldehyde		1.013	1.196	1.087	0.883	0.678	0.971	20.5
Pyridine		1.356	1.454	1.490	1.467	1.468	1.447	3.6
Hexachloroethane	0.577	0.611	0.619	0.612	0.600		0.604	2.7
Nitrobenzene	0.413	0.446	0.493	0.479	0.468		0.460	6.8
Isophorone	0.730	0.817	0.865	0.843	0.836		0.818	6.4
2-Nitrophenol	0.149	0.178	0.192	0.193	0.188		0.180	10.2
2,4-Dimethylphenol	0.325	0.373	0.404	0.395	0.393		0.378	8.4
Bis(2-Chloroethoxy)methane	0.444	0.473	0.487	0.464	0.464		0.466	3.4
2,4-Dichlorophenol	0.298	0.307	0.330	0.322	0.322		0.316	4.1
Naphthalene	1.013	1.024	1.080	1.040	1.013		1.034	2.7
4-Chloroaniline		0.398	0.424	0.419	0.421	0.406	0.414	2.7
Hexachlorobutadiene	0.277	0.265	0.268	0.256	0.253		0.264	3.6
Phenol		1.628	1.792	1.791	1.784	1.816	1.762	4.3
Caprolactam		0.101	0.105	0.110	0.111	0.105	0.106	3.9
4-Chloro-3-methylphenol	0.332	0.350	0.384	0.382	0.380		0.366	6.4
1-Methylnaphthalene	0.683	0.691	0.714	0.699	0.691		0.696	1.7
2-Methylnaphthalene	0.667	0.686	0.716	0.704	0.690		0.692	2.7
Hexachlorocyclopentadiene		0.271	0.335	0.360	0.386	0.438	0.358	17.3
2,4,6-Trichlorophenol	0.383	0.396	0.427	0.423	0.426		0.411	4.9
2,4,5-Trichlorophenol	0.413	0.422	0.454	0.455	0.463		0.441	5.1
1,1-Biphenyl	1.353	1.410	1.469	1.425	1.371		1.405	3.3
2-Chloronaphthalene	1.099	1.134	1.187	1.138	1.131		1.138	2.8
2-Nitroaniline	0.319	0.381	0.428	0.422	0.436		0.397	12.2
Bis(2-Chloroethyl)ether		1.340	1.429	1.414	1.371	1.393	1.389	2.5
Dimethylphthalate	1.405	1.467	1.498	1.450	1.469		1.458	2.4
2,6-Dinitrotoluene	0.261	0.283	0.310	0.313	0.316		0.296	8.1
Acenaphthylene	1.704	1.816	1.911	1.854	1.817		1.820	4.2
3-Nitroaniline		0.264	0.293	0.288	0.285	0.261	0.278	5.3
Acenaphthene	1.132	1.193	1.239	1.211	1.192		1.193	3.3
2,4-Dinitrophenol		0.131	0.173	0.188	0.218	0.232	0.188	21.0
4-Nitrophenol		0.178	0.232	0.252	0.285	0.282	0.246	17.8
Dibenzofuran	1.643	1.686	1.750	1.714	1.656		1.690	2.6
2,4-Dinitrotoluene	0.382	0.421	0.444	0.450	0.474		0.434	8.0
Diethylphthalate	1.412	1.473	1.509	1.438	1.519		1.470	3.1
2-Chlorophenol	1.170	1.222	1.304	1.287	1.265		1.250	4.3

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.: BP042424 SAS No.: BP042424 SDG No.: BP042424

Instrument ID: Calibration Date(s): 4/24/2024

Calibration Time(s): 11:19

LAB FILE ID: RRFAL1 = BP020114.D RRFAL2 = BP020115.D RRFAL3 = BP020116.D
RRFAL4 = BP020117.D RRFAL5 = BP020118.D RRFAL6 = BP020119.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.372	1.401	1.443	1.396	1.403		1.403	1.8
4-Chlorophenyl-phenylether	0.798	0.750	0.778	0.748	0.760		0.767	2.8
4-Nitroaniline		0.225	0.257	0.259	0.271	0.231	0.249	7.9
4,6-Dinitro-2-methylphenol		0.116	0.133	0.140	0.142	0.144	0.135	8.3
N-Nitrosodiphenylamine	0.504	0.512	0.538	0.540	0.506		0.520	3.4
1,2,4,5-Tetrachlorobenzene	0.668	0.659	0.709	0.685	0.667		0.678	2.9
4-Bromophenyl-phenylether	0.222	0.210	0.217	0.218	0.211		0.216	2.2
Hexachlorobenzene	0.102	0.243	0.252	0.253	0.241		0.218	29.8
Atrazine		0.212	0.216	0.211	0.211	0.200	0.210	2.9
Pentachlorophenol		0.138	0.148	0.157	0.167	0.170	0.156	8.4
2-Methylphenol		1.203	1.294	1.309	1.276	1.287	1.273	3.3
Phenanthrene	0.986	1.036	1.058	1.045	0.988		1.023	3.3
Pentachlorobenzene	0.300	0.274	0.291	0.299	0.272		0.287	4.6
Anthracene	1.036	1.049	1.078	1.068	1.043		1.055	1.6
1,2,3,4-Tetrachlorobenzene	0.284	0.289	0.307	0.309	0.280		0.294	4.6
Carbazole		0.906	0.960	0.950	0.953	0.912	0.936	2.7
Di-n-butylphthalate	1.127	1.135	1.139	1.136	1.197		1.147	2.5
Fluoranthene	1.186	1.220	1.282	1.221	1.256		1.233	3.0
Pyrene	1.261	1.295	1.332	1.279	1.303		1.294	2.0
Butylbenzylphthalate	0.488	0.516	0.540	0.527	0.539		0.522	4.1
3,3-Dichlorobenzidine		0.445	0.493	0.485	0.475	0.441	0.468	5.1
2,2-oxybis(1-Chloropropane)		1.930	1.969	1.931	1.899	1.844	1.914	2.4
Benzo(a)anthracene	1.320	1.361	1.452	1.399	1.409		1.388	3.6
Chrysene	1.246	1.263	1.323	1.309	1.301		1.288	2.5
Bis(2-ethylhexyl)phthalate	0.721	0.769	0.771	0.779	0.777		0.764	3.1
Di-n-octyl phthalate		1.205	1.203	1.155	1.221	1.197	1.196	2.1
Benzo(b)fluoranthene	1.131	1.198	1.221	1.168	1.209		1.185	3.1
Benzo(k)fluoranthene	1.152	1.165	1.240	1.189	1.247		1.199	3.6
Benzo(a)pyrene	1.086	1.109	1.179	1.134	1.177		1.137	3.6
Indeno(1,2,3-cd)pyrene	1.312	1.314	1.442	1.373	1.411		1.371	4.2
Dibenzo(a,h)anthracene	1.091	1.078	1.179	1.145	1.164		1.131	3.9
Benzo(g,h,i)perylene	1.035	1.074	1.164	1.115	1.123		1.102	4.5
Acetophenone		2.114	2.198	2.164	2.107	2.137	2.144	1.7
2,3,4,6-Tetrachlorophenol	0.387	0.392	0.415	0.410	0.427		0.406	4.0
1,4-Dioxane-d8	0.441	0.497	0.509	0.480	0.467		0.479	5.6
Pyridine-d5		1.323	1.412	1.439	1.435	1.446	1.411	3.6

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.: BP042424 SAS No.: BP042424 SDG No.: BP042424

Instrument ID: Calibration Date(s): 4/24/2024

Calibration Time(s): 11:19

LAB FILE ID: RRFAL1 = BP020114.D RRFAL2 = BP020115.D RRFAL3 = BP020116.D
RRFAL4 = BP020117.D RRFAL5 = BP020118.D RRFAL6 = BP020119.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.581	1.713	1.734	1.726	1.726	1.696	3.8
Bis-(2-Chloroethyl)ether-d8		1.050	1.141	1.113	1.081	1.078	1.093	3.2
2-Chlorophenol-d4	1.123	1.156	1.244	1.228	1.203		1.191	4.2
4-Methylphenol-d8		1.204	1.298	1.330	1.303	1.321	1.291	3.9
Nitrobenzene-d5	0.141	0.152	0.160	0.158	0.156		0.154	4.9
2-Nitrophenol-d4	0.138	0.167	0.180	0.184	0.183		0.170	11.3
2,4-Dichlorophenol-d3	0.288	0.309	0.339	0.336	0.331		0.321	6.8
4-Chloroaniline-d4		0.402	0.431	0.423	0.424	0.412	0.418	2.7
4-Methylphenol		1.229	1.386	1.388	1.362	1.374	1.348	5.0
Dimethylphthalate-d6	1.355	1.457	1.466	1.409	1.455		1.428	3.3
Acenaphthylene-d8	1.482	1.617	1.716	1.684	1.642		1.628	5.5
4-Nitrophenol-d4		0.186	0.212	0.234	0.267	0.262	0.232	14.7
Fluorene-d10	1.203	1.239	1.267	1.242	1.261		1.243	2.0
4,6-Dinitro-2-methylphenol-		0.108	0.124	0.131	0.136	0.141	0.128	10.1
Anthracene-d10	0.877	0.870	0.911	0.893	0.889		0.888	1.8
Pyrene-d10	1.036	1.052	1.090	1.060	1.082		1.064	2.1
Benzo(a)pyrene-d12	0.939	0.953	1.012	0.961	1.015		0.976	3.6
N-Nitroso-di-n-propylamine	1.062	1.170	1.232	1.215	1.188		1.173	5.7

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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.: BP042424 SAS No.: BP042424 SDG NO.: BP042424

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.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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.: BP042424 SAS No.: BP042424 SDG NO.: BP042424

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.

CHEMTECH
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042424 SAS No.: BP042424 SDG NO.: BP042424

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.

CHEMTECH
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042424 SAS No.: BP042424 SDG NO.: BP042424

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.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP042424

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.: BP042424

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.

SSTD020777

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP042424 SAS No.: BP042424 SDG NO.: BP042424

Lab File ID: BP020113.D Lab Sample ID: SSTDCCC020

Instrument ID: BNA_P Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 04/24/2024

Level: (low/med) LOW Time Analyzed: 10:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD020777	SSTDCCC020	BP020113.D	04/24/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BP042424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC020	SSTD020777	BP020113.D	1,4-Dioxane-d8	8	8,315.00	103938	*	15	120
			Pyridine-d5	40	19,954.00	49885	*	20	120
			Phenol-d5	40	20,870.00	52175	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	21,792.00	54480	*	25	120
			2-Chlorophenol-d4	40	21,566.00	53915	*	20	130
			4-Methylphenol-d8	40	21,807.00	54517	*	25	125
			Nitrobenzene-d5	40	20,485.00	51213	*	20	125
			2-Nitrophenol-d4	40	21,827.00	54567	*	20	130
			2,4-Dichlorophenol-d3	40	21,334.00	53335	*	20	120
			4-Chloroaniline-d4	40	21,119.00	52797	*	1	146
			Dimethylphthalate-d6	40	21,035.00	52588	*	25	130
			Acenaphthylene-d8	40	20,684.00	51710	*	10	130
			4-Nitrophenol-d4	40	19,469.00	48673	*	10	150
			Fluorene-d10	40	23,654.00	59135	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	21,007.00	52517	*	10	130
			Anthracene-d10	40	21,298.00	53245	*	25	130
			Pyrene-d10	40	21,120.00	52800	*	15	130
			Benzo(a)pyrene-d12	40	20,936.00	52340	*	20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP042424

Lab Code: CHEM SAS No.: BP042424 SDG NO.: BP042424

Lab File ID: BP020112.D DFTPP Injection Date: 04/24/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.2
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	39.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	42
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	6.9
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	74.4
443	15.0 - 24.0% of mass 442	14.8 (19.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020777	SSTDCCC020	BP020113.D	04/24/2024	10:20
SSTD005623	SSTD00501	BP020114.D	04/24/2024	11:19
SSTD010624	SSTD01002	BP020115.D	04/24/2024	12:02
SSTD020625	SSTD02003	BP020116.D	04/24/2024	12:45
SSTD040626	SSTD04004	BP020117.D	04/24/2024	13:29
SSTD080627	SSTD08005	BP020118.D	04/24/2024	14:14
SSTD160628	SSTD16006	BP020119.D	04/24/2024	14:58
SICV629	SSTDICV020	BP020120.D	04/24/2024	15:46