Alliance TECHNICAL GROUP
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.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: BNA_P Calibration Date/Time: 11/26/2024 1 18:20

Lab File ID: BP023327.D Init. Calib. Date(s):

EPA Sample No.: SICV641 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.599	0.010	-0.3863	40.0
Benzaldehyde	0.897	0.917	0.010	2.2328	40.0
Pyridine	1.427	1.381	0.010	-3.2417	40.0
Phenol	1.634	1.826	0.080	11.7724	20.0
Bis(2-Chloroethyl)ether	1.290	1.477	0.100	14.5108	20.0
2-Chlorophenol	1.214	1.295	0.200	6.671	20.0
2-Methylphenol	1.212	1.321	0.010	9.0679	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.722	0.010	9.7938	40.0
Acetophenone	2.132	2.370	0.060	11.1764	20.0
4-Methylphenol	1.308	1.466	0.010	12.0925	20.0
N-Nitroso-di-n-propylamine	1.162	1.287	0.050	10.7935	30.0
Hexachloroethane	0.591	0.604	0.100	2.1493	20.0
Nitrobenzene	0.454	0.478	0.050	5.1912	25.0
Isophorone	0.805	0.865	0.050	7.4576	25.0
2-Nitrophenol	0.184	0.202	0.050	9.766	25.0
2,4-Dimethylphenol	0.407	0.381	0.050	-6.5211	25.0
Bis(2-Chloroethoxy)methane	0.455	0.493	0.050	8.4582	20.0
2,4-Dichlorophenol	0.360	0.382	0.060	6.1972	20.0
Naphthalene	1.047	1.136	0.200	8.5117	20.0
4-Chloroaniline	0.395	0.457	0.010	15.712	40.0
Hexachlorobutadiene	0.319	0.338	0.040	5.8781	30.0
Caprolactam	0.105	0.115	0.010	9.3908	40.0
4-Chloro-3-methylphenol	0.391	0.427	0.040	9.1182	25.0
1-Methylnaphthalene	0.791	0.805	0.100	1.8068	20.0
2-Methylnaphthalene	0.776	0.854	0.100	10.035	20.0
Hexachlorocyclopentadiene	0.351	0.306	0.010	-12.7427	40.0
2,4,6-Trichlorophenol	0.432	0.466	0.090	7.9761	25.0
2,4,5-Trichlorophenol	0.461	0.505	0.100	9.3946	25.0
1,1-Biphenyl	1.417	1.530	0.200	7.9632	20.0
2-Chloronaphthalene	1.146	1.236	0.300	7.7921	20.0
2-Nitroaniline	0.332	0.357	0.050	7.4307	40.0
Dimethylphthalate	1.529	1.667	0.300	9.0091	20.0
2,6-Dinitrotoluene	0.293	0.352	0.080	20.2025	30.0
Acenaphthylene	1.668	1.875	0.400	12.4183	20.0
3-Nitroaniline	0.246	0.306	0.010	24.7217	40.0
Acenaphthene	1.219	1.303	0.200	6.8804	20.0
2,4-Dinitrophenol	0.189	0.188	0.010	-0.664	40.0
4-Nitrophenol	0.256	0.275	0.010	7.2427	40.0
Dibenzofuran	1.851	2.006	0.300	8.3673	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: BNA_P Calibration Date/Time: 11/26/2024 1 18:20

Lab File ID: BP023327.D Init. Calib. Date(s):

EPA Sample No.: SICV641 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.472	0.527	0.070	11.7034	30.0
Diethylphthalate	1.525	1.632	0.300	6.9937	20.0
Fluorene	1.507	1.605	0.200	6.5002	20.0
4-Chlorophenyl-phenylether	0.874	0.914	0.100	4.5782	20.0
4-Nitroaniline	0.216	0.279	0.010	29.1141	40.0
4,6-Dinitro-2-methylphenol	0.128	0.138	0.010	7.7468	40.0
N-Nitrosodiphenylamine	0.511	0.574	0.050	12.377	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.774	0.100	6.0852	20.0
4-Bromophenyl-phenylether	0.236	0.254	0.070	7.7824	20.0
Hexachlorobenzene	0.289	0.324	0.050	12.1184	25.0
Atrazine	0.222	0.251	0.010	12.9611	25.0
Pentachlorophenol	0.169	0.181	0.010	7.4647	40.0
Phenanthrene	1.034	1.138	0.200	10.0567	20.0
Pentachlorobenzene	0.318	0.348	0.050	9.3965	20.0
Anthracene	1.034	1.142	0.200	10.485	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.308	0.050	6.9184	20.0
Carbazole	0.842	0.992	0.050	17.7875	40.0
Di-n-butylphthalate	1.035	1.136	0.500	9.7609	25.0
Fluoranthene	1.197	1.268	0.400	5.9163	25.0
Pyrene	1.271	1.334	0.400	5.0294	25.0
Butylbenzylphthalate	0.440	0.489	0.100	11.0669	40.0
3,3-Dichlorobenzidine	0.459	0.552	0.010	20.1975	40.0
Benzo(a)anthracene	1.341	1.452	0.300	8.2681	30.0
Chrysene	1.285	1.387	0.200	7.9369	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.668	0.200	5.7173	40.0
Di-n-octyl phthalate	0.977	1.044	0.010	6.8738	40.0
Benzo(b)fluoranthene	1.257	1.373	0.200	9.2807	25.0
Benzo(k)fluoranthene	1.250	1.359	0.200	8.6676	25.0
Benzo(a)pyrene	1.139	1.257	0.200	10.2979	20.0
Indeno(1,2,3-cd)pyrene	1.464	1.592	0.200	8.7127	25.0
Dibenzo(a,h)anthracene	1.172	1.281	0.200	9.2915	30.0
Benzo(g,h,i)perylene	1.121	1.180	0.200	5.2468	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.510	0.040	11.3591	20.0
1,4-Dioxane-d8	0.543	0.541	0.010	-0.4542	25.0
Pyridine-d5	1.397	1.541	0.010	10.2955	40.0
Phenol-d5	1.569	1.752	0.010	11.6748	25.0
Bis-(2-Chloroethyl)ether-d8	0.990	1.213	0.050	22.4888	25.0
2-Chlorophenol-d4	1.158	1.305	0.200	12.7087	20.0
4-Methylphenol-d8	1.267	1.382	0.010	9.1044	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: BNA_P Calibration Date/Time: 11/26/2024 1 18:20

Lab File ID: BP023327.D Init. Calib. Date(s):

EPA Sample No.: SICV641 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.161	0.050	7.6089	20.0
2-Nitrophenol-d4	0.172	0.188	0.050	9.2587	30.0
2,4-Dichlorophenol-d3	0.363	0.402	0.060	10.6945	20.0
4-Chloroaniline-d4	0.407	0.454	0.010	11.6617	40.0
Dimethylphthalate-d6	1.553	1.710	0.300	10.1438	20.0
Acenaphthylene-d8	1.638	1.812	0.400	10.6387	20.0
4-Nitrophenol-d4	0.190	0.178	0.010	-6.3457	40.0
Fluorene-d10	1.366	1.524	0.100	11.6049	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.134	0.010	11.2139	40.0
Anthracene-d10	0.913	1.017	0.300	11.3923	20.0
Pyrene-d10	1.045	1.133	0.300	8.4622	25.0
Benzo(a)pyrene-d12	1.071	1.176	0.010	9.8728	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:	SSTD020740			SDG No.:	BP112624
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
BP023320.D	1		11/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	59000	E	350	500	2000	ug/L
100-52-7	Benzaldehyde	13900000	E	1100	5000	10000	ug/L
110-86-1	Pyridine	12200000	E	1700	10000	10000	ug/L
108-95-2	Phenol	10600000	E	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	11400000	E	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	10500000	E	910	2500	5000	ug/L
95-48-7	2-Methylphenol	10400000	E	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12500000	E	1900	5000	10000	ug/L
98-86-2	Acetophenone	10800000	E	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	10500000	E	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	12000		1900	2500	5000	ug/L
67-72-1	Hexachloroethane	10700000	E	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	19300000	E	1400	2500	5000	ug/L
78-59-1	Isophorone	20100000	E	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	18300000	E	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	19100000	E	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	20200000	E	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	16700000	E	1100	2500	5000	ug/L
91-20-3	Naphthalene	18400000	E	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	17000000	E	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	16800000	E	1500	2500	5000	ug/L
105-60-2	Caprolactam	17700000	E	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	18900000	E	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	18500000	E	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	18200000	E	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	16000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	20000		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:	SSTD020740		SDG No.:	BP112624	
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
BP023320.D	1		11/26/2024 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	22000		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	16000		1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	14000		1400	5000	10000	ug/L
132-64-9	Dibenzofuran	20000		1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	21000		1500	2500	5000	ug/L
84-66-2	Diethylphthalate	21000		1300	2500	5000	ug/L
86-73-7	Fluorene	20000		940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	20000		1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	21000		830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	19000		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	20000		950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	19000		1200	2500	5000	ug/L
1912-24-9	Atrazine	20000		1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	17000		1900	5000	10000	ug/L
85-01-8	Phenanthrene	21000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	20000		1700	2500	5000	ug/L
120-12-7	Anthracene	21000		1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	20000		1700	2500	5000	ug/L
86-74-8	Carbazole	20000		1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	22000		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:	SSTD020740			SDG No.:	BP112624
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
BP023320.D	1		11/26/2024 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	22000		2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	20000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	21000		1100	2500	5000	ug/L
218-01-9	Chrysene	21000		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	22000		3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	23000		2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	21000		1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	22000		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	7800		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	20000		1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5448510	*	15-120		6.81064e+007	SPK: -8
7291-22-7	Pyridine-d5	11881900	*	20-120		2.97048e+007	SPK: -40
4165-62-2	Phenol-d5	10712100	*	10-130		2.67803e+007	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	76377	*	25-120		190943	SPK: -40
93951-73-6	2-Chlorophenol-d4	10490800	*	20-130		2.6227e+007	SPK: -40
190780-66-6	4-Methylphenol-d8	1460960	*	25-125		3.6524e+006	SPK: -40
4165-60-0	Nitrobenzene-d5	17951500	*	20-125		4.48788e+007	SPK: -40
93951-78-1	2-Nitrophenol-d4	17413100	*	20-130		4.35328e+007	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	50617	*	20-120		126543	SPK: -40
191656-33-4	4-Chloroaniline-d4	17263700	*	1-146		4.31593e+007	SPK: -40
85448-30-2	Dimethylphthalate-d6	20753	*	25-130		51883	SPK: -40
93951-97-4	Acenaphthylene-d8	20804	*	10-130		52010	SPK: -40
93951-79-2	4-Nitrophenol-d4	13950	*	10-150		34875	SPK: -40
81103-79-9	Fluorene-d10	20829	*	25-125		52072	SPK: -40

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD020740		SDG No.:	BP112624	
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
BP023320.D	1		11/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18936	*	10-130		47340	SPK: -40
1719-06-8	Anthracene-d10	20813	*	25-130		52033	SPK: -40
1718-52-1	Pyrene-d10	21395	*	15-130		53488	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21189	*	20-130		52972	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148	7.587				
1146-65-2	Naphthalene-d8	341	10.334				
15067-26-2	Acenaphthene-d10	247134	14.14				
1517-22-2	Phenanthrene-d10	624538	16.957				
1719-03-5	Chrysene-d12	723584	21.421				
1520-96-3	Perylene-d12	819942	24.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP112624

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SSTD020740**								
SSTDCCC020	SSTD020740	Water	Total Alkanes	*	0.000		1100	5000	ug/L
			Total Tics :				**0.00**		
SSTDCCC020	SSTD020740	Water	1,1-Biphenyl		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	1,2,3,4-Tetrachlorobenzene		20,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020740	Water	1,2,4,5-Tetrachlorobenzene		20,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020740	Water	1,4-Dioxane		59,000.000	E	350	2000	ug/L
SSTDCCC020	SSTD020740	Water	1-Methylnaphthalene		18,500,000.000	E	910	5000	ug/L
SSTDCCC020	SSTD020740	Water	2,2-oxybis(1-Chloropropane)		12,500,000.000	E	1900	10000	ug/L
SSTDCCC020	SSTD020740	Water	2,3,4,6-Tetrachlorophenol		20,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020740	Water	2,4,5-Trichlorophenol		20,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020740	Water	2,4,6-Trichlorophenol		20,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020740	Water	2,4-Dichlorophenol		16,700,000.000	E	1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	2,4-Dimethylphenol		19,100,000.000	E	690	5000	ug/L
SSTDCCC020	SSTD020740	Water	2,4-Dinitrophenol		16,000.000		1800	10000	ug/L
SSTDCCC020	SSTD020740	Water	2,4-Dinitrotoluene		21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020740	Water	2,6-Dinitrotoluene		21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020740	Water	2-Chloronaphthalene		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	2-Chlorophenol		10,500,000.000	E	910	5000	ug/L
SSTDCCC020	SSTD020740	Water	2-Methylnaphthalene		18,200,000.000	E	1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	2-Methylphenol		10,400,000.000	E	1500	10000	ug/L
SSTDCCC020	SSTD020740	Water	2-Nitroaniline		22,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020740	Water	2-Nitrophenol		18,300,000.000	E	1200	5000	ug/L
SSTDCCC020	SSTD020740	Water	3,3-Dichlorobenzidine		20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020740	Water	3-Nitroaniline		21,000.000		1600	10000	ug/L
SSTDCCC020	SSTD020740	Water	4,6-Dinitro-2-methylphenol		19,000.000		2400	10000	ug/L
SSTDCCC020	SSTD020740	Water	4-Bromophenyl-phenylether		20,000.000		950	5000	ug/L
SSTDCCC020	SSTD020740	Water	4-Chloro-3-methylphenol		18,900,000.000	E	1600	5000	ug/L
SSTDCCC020	SSTD020740	Water	4-Chloroaniline		17,000,000.000	E	940	10000	ug/L
SSTDCCC020	SSTD020740	Water	4-Chlorophenyl-phenylether		20,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	4-Methylphenol		10,500,000.000	E	1700	10000	ug/L
SSTDCCC020	SSTD020740	Water	4-Nitroaniline		21,000.000		830	10000	ug/L
SSTDCCC020	SSTD020740	Water	4-Nitrophenol		14,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020740	Water	Acenaphthene		21,000.000		960	5000	ug/L
SSTDCCC020	SSTD020740	Water	Acenaphthylene		21,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020740	Water	Acetophenone		10,800,000.000	E	1500	10000	ug/L
SSTDCCC020	SSTD020740	Water	Anthracene		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	Atrazine		20,000.000		1800	10000	ug/L

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BP112624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTD020740	Water	Benzaldehyde	13,900,000.000	E	1100	10000	ug/L
SSTDCCC020	SSTD020740	Water	Benzo(a)anthracene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	Benzo(a)pyrene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	Benzo(b)fluoranthene	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020740	Water	Benzo(g,h,i)perylene	18,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020740	Water	Benzo(k)fluoranthene	22,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020740	Water	Bis(2-Chloroethoxy)methane	20,200,000.000	E	1500	5000	ug/L
SSTDCCC020	SSTD020740	Water	Bis(2-Chloroethyl)ether	11,400,000.000	E	1400	10000	ug/L
SSTDCCC020	SSTD020740	Water	Bis(2-ethylhexyl)phthalate	22,000.000		3000	5000	ug/L
SSTDCCC020	SSTD020740	Water	Butylbenzylphthalate	22,000.000		2700	5000	ug/L
SSTDCCC020	SSTD020740	Water	Caprolactam	17,700,000.000	E	2600	10000	ug/L
SSTDCCC020	SSTD020740	Water	Carbazole	20,000.000		1100	10000	ug/L
SSTDCCC020	SSTD020740	Water	Chrysene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	Di-n-butylphthalate	22,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020740	Water	Di-n-octyl phthalate	23,000.000		2400	10000	ug/L
SSTDCCC020	SSTD020740	Water	Dibenzo(a,h)anthracene	19,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020740	Water	Dibenzofuran	20,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	Diethylphthalate	21,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020740	Water	Dimethylphthalate	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	Fluoranthene	21,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020740	Water	Fluorene	20,000.000		940	5000	ug/L
SSTDCCC020	SSTD020740	Water	Hexachlorobenzene	19,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020740	Water	Hexachlorobutadiene	16,800,000.000	E	1500	5000	ug/L
SSTDCCC020	SSTD020740	Water	Hexachlorocyclopentadiene	16,000.000		3100	10000	ug/L
SSTDCCC020	SSTD020740	Water	Hexachloroethane	10,700,000.000	E	1100	5000	ug/L
SSTDCCC020	SSTD020740	Water	Indeno(1,2,3-cd)pyrene	7,800.000		1400	5000	ug/L
SSTDCCC020	SSTD020740	Water	Isophorone	20,100,000.000	E	1700	5000	ug/L
SSTDCCC020	SSTD020740	Water	N-Nitroso-di-n-propylamine	12,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020740	Water	N-Nitrosodiphenylamine	21,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020740	Water	Naphthalene	18,400,000.000	E	940	5000	ug/L
SSTDCCC020	SSTD020740	Water	Nitrobenzene	19,300,000.000	E	1400	5000	ug/L
SSTDCCC020	SSTD020740	Water	Pentachlorobenzene	20,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020740	Water	Pentachlorophenol	17,000.000		1900	10000	ug/L
SSTDCCC020	SSTD020740	Water	Phenanthrene	21,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020740	Water	Phenol	10,600,000.000	E	1600	10000	ug/L
SSTDCCC020	SSTD020740	Water	Pyrene	21,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020740	Water	Pyridine	12,200,000.000	E	1700	10000	ug/L
			Total Svoc :	**353,708,800.00**				
			Total Concentration:	**353,708,800.00**				

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BP112624

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.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: Calibration Date(s): 11/26/2024

Calibration Time(s): 12:14

LAB FILE ID: RRFAL1 = BP023321.D RRFAL2 = BP023322.D RRFAL3 = BP023323.D
RRFAL4 = BP023324.D RRFAL5 = BP023325.D RRFAL6 = BP023326.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.661	0.662	0.584	0.568	0.530		0.601	9.8
Benzaldehyde		1.074	1.093	0.908	0.792	0.619	0.897	22.2
Pyridine		1.476	1.411	1.440	1.408	1.400	1.427	2.2
Hexachloroethane	0.625	0.638	0.569	0.572	0.551		0.591	6.5
Nitrobenzene	0.459	0.490	0.457	0.434	0.432		0.454	5.2
Isophorone	0.821	0.867	0.788	0.772	0.777		0.805	4.9
2-Nitrophenol	0.177	0.195	0.179	0.182	0.186		0.184	3.8
2,4-Dimethylphenol	0.433	0.434	0.398	0.381	0.390		0.407	6.1
Bis(2-Chloroethoxy)methane	0.485	0.477	0.448	0.434	0.429		0.455	5.5
2,4-Dichlorophenol	0.362	0.375	0.360	0.343	0.360		0.360	3.2
Naphthalene	1.138	1.134	1.003	0.985	0.975		1.047	7.8
4-Chloroaniline		0.413	0.376	0.393	0.401	0.391	0.395	3.4
Hexachlorobutadiene	0.348	0.346	0.310	0.298	0.296		0.319	8.0
Phenol		1.649	1.575	1.626	1.641	1.678	1.634	2.3
Caprolactam		0.103	0.106	0.106	0.107	0.105	0.105	1.5
4-Chloro-3-methylphenol	0.395	0.404	0.391	0.377	0.388		0.391	2.6
1-Methylnaphthalene	0.853	0.846	0.774	0.736	0.747		0.791	6.9
2-Methylnaphthalene	0.836	0.823	0.754	0.729	0.741		0.776	6.3
Hexachlorocyclopentadiene		0.295	0.311	0.332	0.385	0.429	0.351	15.8
2,4,6-Trichlorophenol	0.423	0.448	0.422	0.424	0.443		0.432	2.9
2,4,5-Trichlorophenol	0.474	0.475	0.447	0.440	0.472		0.461	3.6
1,1-Biphenyl	1.530	1.517	1.365	1.334	1.340		1.417	6.9
2-Chloronaphthalene	1.217	1.221	1.120	1.082	1.092		1.146	5.9
2-Nitroaniline	0.311	0.330	0.333	0.338	0.349		0.332	4.2
Bis(2-Chloroethyl)ether		1.413	1.262	1.269	1.248	1.255	1.290	5.4
Dimethylphthalate	1.643	1.633	1.494	1.445	1.431		1.529	6.7
2,6-Dinitrotoluene	0.276	0.297	0.292	0.294	0.307		0.293	3.8
Acenaphthylene	1.733	1.776	1.638	1.582	1.610		1.668	5.0
3-Nitroaniline		0.241	0.258	0.248	0.244	0.237	0.246	3.3
Acenaphthene	1.326	1.313	1.198	1.138	1.120		1.219	7.9
2,4-Dinitrophenol		0.153	0.160	0.189	0.210	0.234	0.189	18.0
4-Nitrophenol		0.250	0.272	0.241	0.255	0.264	0.256	4.7
Dibenzofuran	1.990	1.998	1.803	1.727	1.738		1.851	7.2
2,4-Dinitrotoluene	0.461	0.485	0.477	0.466	0.470		0.472	2.0
Diethylphthalate	1.605	1.621	1.517	1.431	1.452		1.525	5.7
2-Chlorophenol	1.243	1.299	1.159	1.179	1.191		1.214	4.7

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.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: Calibration Date(s): 11/26/2024

Calibration Time(s): 12:14

LAB FILE ID: RRFAL1 = BP023321.D RRFAL2 = BP023322.D RRFAL3 = BP023323.D
RRFAL4 = BP023324.D RRFAL5 = BP023325.D RRFAL6 = BP023326.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.623	1.628	1.463	1.397	1.426		1.507	7.3
4-Chlorophenyl-phenylether	0.947	0.958	0.837	0.805	0.824		0.874	8.3
4-Nitroaniline		0.211	0.248	0.217	0.213	0.191	0.216	9.4
4,6-Dinitro-2-methylphenol		0.119	0.127	0.124	0.133	0.138	0.128	5.8
N-Nitrosodiphenylamine	0.554	0.543	0.501	0.474	0.481		0.511	7.1
1,2,4,5-Tetrachlorobenzene	0.788	0.796	0.696	0.682	0.687		0.730	7.8
4-Bromophenyl-phenylether	0.257	0.253	0.230	0.216	0.225		0.236	7.5
Hexachlorobenzene	0.322	0.309	0.282	0.261	0.272		0.289	8.8
Atrazine		0.236	0.231	0.221	0.213	0.210	0.222	5.2
Pentachlorophenol		0.157	0.167	0.162	0.176	0.182	0.169	5.9
2-Methylphenol		1.254	1.173	1.190	1.218	1.223	1.212	2.6
Phenanthrene	1.136	1.110	1.016	0.954	0.953		1.034	8.3
Pentachlorobenzene	0.348	0.340	0.308	0.291	0.302		0.318	7.9
Anthracene	1.125	1.096	1.036	0.946	0.966		1.034	7.6
1,2,3,4-Tetrachlorobenzene	0.321	0.305	0.275	0.265	0.275		0.288	8.2
Carbazole		0.880	0.867	0.838	0.825	0.802	0.842	3.8
Di-n-butylphthalate	1.044	1.069	1.050	0.995	1.017		1.035	2.8
Fluoranthene	1.268	1.218	1.153	1.138	1.210		1.197	4.4
Pyrene	1.368	1.316	1.226	1.200	1.243		1.271	5.5
Butylbenzylphthalate	0.433	0.435	0.439	0.436	0.457		0.440	2.2
3,3-Dichlorobenzidine		0.455	0.460	0.459	0.477	0.443	0.459	2.6
2,2-oxybis(1-Chloropropane)		1.800	1.591	1.541	1.485	1.424	1.568	9.2
Benzo(a)anthracene	1.456	1.400	1.292	1.283	1.275		1.341	6.1
Chrysene	1.422	1.374	1.227	1.230	1.173		1.285	8.3
Bis(2-ethylhexyl)phthalate	0.598	0.627	0.635	0.635	0.664		0.632	3.7
Di-n-octyl phthalate		0.948	1.004	0.945	0.995	0.991	0.977	2.9
Benzo(b)fluoranthene	1.312	1.257	1.242	1.243	1.229		1.257	2.6
Benzo(k)fluoranthene	1.317	1.345	1.220	1.183	1.187		1.250	6.0
Benzo(a)pyrene	1.192	1.182	1.122	1.106	1.095		1.139	3.9
Indeno(1,2,3-cd)pyrene	1.503	1.577	1.442	1.387	1.411		1.464	5.2
Dibenzo(a,h)anthracene	1.223	1.251	1.139	1.112	1.133		1.172	5.2
Benzo(g,h,i)perylene	1.173	1.209	1.082	1.057	1.084		1.121	5.9
Acetophenone		2.346	2.106	2.078	2.093	2.035	2.132	5.8
2,3,4,6-Tetrachlorophenol	0.461	0.485	0.450	0.446	0.448		0.458	3.6
1,4-Dioxane-d8	0.623	0.597	0.498	0.519	0.479		0.543	11.7
Pyridine-d5		1.447	1.330	1.411	1.400	1.396	1.397	3.0

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.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: Calibration Date(s): 11/26/2024

Calibration Time(s): 12:14

LAB FILE ID: RRFAL1 = BP023321.D RRFAL2 = BP023322.D RRFAL3 = BP023323.D
RRFAL4 = BP023324.D RRFAL5 = BP023325.D RRFAL6 = BP023326.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.571	1.517	1.535	1.590	1.634	1.569	3.0
Bis-(2-Chloroethyl)ether-d8		1.094	0.989	0.971	0.956	0.940	0.990	6.1
2-Chlorophenol-d4	1.154	1.195	1.135	1.155	1.152		1.158	1.9
4-Methylphenol-d8		1.293	1.230	1.262	1.279	1.268	1.267	1.8
Nitrobenzene-d5	0.150	0.156	0.148	0.144	0.148		0.149	3.0
2-Nitrophenol-d4	0.161	0.179	0.171	0.169	0.180		0.172	4.5
2,4-Dichlorophenol-d3	0.362	0.371	0.362	0.354	0.367		0.363	1.8
4-Chloroaniline-d4		0.409	0.397	0.410	0.415	0.404	0.407	1.7
4-Methylphenol		1.345	1.286	1.295	1.317	1.294	1.308	1.8
Dimethylphthalate-d6	1.671	1.625	1.547	1.450	1.470		1.553	6.2
Acenaphthylene-d8	1.684	1.767	1.597	1.563	1.578		1.638	5.3
4-Nitrophenol-d4		0.121	0.169	0.203	0.226	0.232	0.190	24.1
Fluorene-d10	1.438	1.486	1.341	1.280	1.283		1.366	6.8
4,6-Dinitro-2-methylphenol-		0.112	0.117	0.118	0.127	0.131	0.121	6.5
Anthracene-d10	0.979	0.954	0.910	0.853	0.869		0.913	5.9
Pyrene-d10	1.114	1.067	1.024	0.992	1.028		1.045	4.5
Benzo(a)pyrene-d12	1.094	1.105	1.048	1.058	1.048		1.071	2.5
N-Nitroso-di-n-propylamine	1.155	1.265	1.150	1.133	1.104		1.162	5.2

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.: BP112624 SAS No.: BP112624 SDG NO.: BP112624

EPA Sample No.: SSTD020637 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 11:34

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	88649		7.557	344754		10.30	274666	14.17
	UPPER LIMIT	177298		8.057	689508		10.804	549332	14.669
	LOWER LIMIT	44324.5		7.057	172377		9.804	137333	13.669
	EPA SAMPLE NO.								
01	SSTD020740	148	*	7.59	341	*	10.33	247134	14.14
02	SICV641	72258		7.56	282122		10.30	222580	14.16

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

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

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

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP112624 SAS No.: BP112624 SDG NO.: BP112624

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.

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Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP112624 SAS No.: BP112624 SDG NO.: BP112624

EPA Sample No.: SSTD020637 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 11:34

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	692931	16.975	799543	21.404	881129	24.598
	UPPER LIMIT	1385862	17.475	1599086	21.904	1762258	25.098
	LOWER LIMIT	346465.5	16.475	399771.5	20.904	440564.5	24.098
	EPA SAMPLE NO.						
01	SSTD020740	624538	16.96	723584	21.42	819942	24.63
02	SICV641	537528	16.98	628287	21.40	716640	24.60

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.: BP112624 SAS No.: BP112624 SDG NO.: BP112624

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.: BP112624

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.: BP112624

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.

SSTD020740

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP112624 SAS No.: BP112624 SDG NO.: BP112624

Lab File ID: BP023320.D Lab Sample ID: SSTDCCC020

Instrument ID: BNA_P Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 11/26/2024

Level: (low/med) LOW Time Analyzed: 11:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD020740	SSTDCCC020	BP023320.D	11/26/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BP112624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC020	SSTD020740	BP023320.D	1,4-Dioxane-d8	8	448,510.00	1064e+007	*	15	120
			Pyridine-d5	40	881,900.00	7048e+007	*	20	120
			Phenol-d5	40	712,100.00	7803e+007	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	76,377.00	190943	*	25	120
			2-Chlorophenol-d4	40	490,800.00	6227e+007	*	20	130
			4-Methylphenol-d8	40	460,960.00	6524e+006	*	25	125
			Nitrobenzene-d5	40	951,500.00	8788e+007	*	20	125
			2-Nitrophenol-d4	40	413,100.00	5328e+007	*	20	130
			2,4-Dichlorophenol-d3	40	50,617.00	126543	*	20	120
			4-Chloroaniline-d4	40	263,700.00	1593e+007	*	1	146
			Dimethylphthalate-d6	40	20,753.00	51883	*	25	130
			Acenaphthylene-d8	40	20,804.00	52010	*	10	130
			4-Nitrophenol-d4	40	13,950.00	34875	*	10	150
			Fluorene-d10	40	20,829.00	52072	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	18,936.00	47340	*	10	130
			Anthracene-d10	40	20,813.00	52033	*	25	130
			Pyrene-d10	40	21,395.00	53488	*	15	130
			Benzo(a)pyrene-d12	40	21,189.00	52972	*	20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP112624

Lab Code: CHEM SAS No.: BP112624 SDG NO.: BP112624

Lab File ID: BP023319.D DFTPP Injection Date: 11/26/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	30
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	35.8
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	33.9
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	89.8
443	15.0 - 24.0% of mass 442	17.5 (19.5) 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
SSTD020740	SSTDCCC020	BP023320.D	11/26/2024	11:34
SSTD005635	SSTD00555	BP023321.D	11/26/2024	12:14
SSTD010636	SSTD01056	BP023322.D	11/26/2024	14:16
SSTD020637	SSTD02057	BP023323.D	11/26/2024	15:37
SSTD040638	SSTD04058	BP023324.D	11/26/2024	16:18
SSTD080639	SSTD08059	BP023325.D	11/26/2024	16:58
SSTD160640	SSTD16060	BP023326.D	11/26/2024	17:39
SICV641	SSTDICV020	BP023327.D	11/26/2024	18:20