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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG No.: BP091124

Instrument ID: BNA_P Calibration Date/Time: 9/11/2024 12 19:38

Lab File ID: BP021889.D Init. Calib. Date(s):

EPA Sample No.: SICV614 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.664	0.735	0.010	10.6399	40.0
Benzaldehyde	0.894	1.071	0.010	19.8777	40.0
Pyridine	1.820	1.831	0.010	0.6185	40.0
Phenol	1.773	1.631	0.080	-7.9857	20.0
Bis(2-Chloroethyl)ether	1.331	1.249	0.100	-6.0967	20.0
2-Chlorophenol	1.224	1.324	0.200	8.2068	20.0
2-Methylphenol	1.254	1.222	0.010	-2.4903	20.0
2,2-oxybis(1-Chloropropane)	1.446	1.413	0.010	-2.3193	40.0
Acetophenone	2.200	2.219	0.060	0.8678	20.0
4-Methylphenol	1.406	1.395	0.010	-0.794	20.0
N-Nitroso-di-n-propylamine	1.052	1.080	0.050	2.6849	30.0
Hexachloroethane	0.580	0.561	0.100	-3.3561	20.0
Nitrobenzene	0.334	0.391	0.050	17.0443	25.0
Isophorone	0.622	0.704	0.050	13.0622	25.0
2-Nitrophenol	0.157	0.182	0.050	16.3505	25.0
2,4-Dimethylphenol	0.333	0.380	0.050	14.1344	25.0
Bis(2-Chloroethoxy)methane	0.381	0.405	0.050	6.3124	20.0
2,4-Dichlorophenol	0.321	0.349	0.060	8.7773	20.0
Naphthalene	1.065	1.030	0.200	-3.2685	20.0
4-Chloroaniline	0.450	0.440	0.010	-2.1029	40.0
Hexachlorobutadiene	0.256	0.255	0.040	-0.1098	30.0
Caprolactam	0.111	0.107	0.010	-3.5222	40.0
4-Chloro-3-methylphenol	0.363	0.374	0.040	3.2275	25.0
1-Methylnaphthalene	0.796	0.771	0.100	-3.1765	20.0
2-Methylnaphthalene	0.781	0.760	0.100	-2.6976	20.0
Hexachlorocyclopentadiene	0.385	0.373	0.010	-3.3218	40.0
2,4,6-Trichlorophenol	0.419	0.408	0.090	-2.468	25.0
2,4,5-Trichlorophenol	0.461	0.447	0.100	-3.141	25.0
1,1-Biphenyl	1.465	1.416	0.200	-3.3592	20.0
2-Chloronaphthalene	1.184	1.136	0.300	-4.0036	20.0
2-Nitroaniline	0.314	0.331	0.050	5.4193	40.0
Dimethylphthalate	1.522	1.530	0.300	0.4799	20.0
2,6-Dinitrotoluene	0.283	0.302	0.080	6.6204	30.0
Acenaphthylene	1.751	1.737	0.400	-0.848	20.0
3-Nitroaniline	0.287	0.299	0.010	4.3894	40.0
Acenaphthene	1.256	1.210	0.200	-3.6753	20.0
2,4-Dinitrophenol	0.179	0.168	0.010	-5.9699	40.0
4-Nitrophenol	0.255	0.281	0.010	10.0235	40.0
Dibenzofuran	1.839	1.766	0.300	-3.9725	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG No.: BP091124

Instrument ID: BNA_P Calibration Date/Time: 9/11/2024 1: 19:38

Lab File ID: BP021889.D Init. Calib. Date(s):

EPA Sample No.: SICV614 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.443	0.465	0.070	4.8384	30.0
Diethylphthalate	1.528	1.533	0.300	0.3097	20.0
Fluorene	1.613	1.471	0.200	-8.8314	20.0
4-Chlorophenyl-phenylether	0.840	0.761	0.100	-9.3861	20.0
4-Nitroaniline	0.318	0.320	0.010	0.5997	40.0
4,6-Dinitro-2-methylphenol	0.126	0.123	0.010	-2.8493	40.0
N-Nitrosodiphenylamine	0.552	0.547	0.050	-0.8064	20.0
1,2,4,5-Tetrachlorobenzene	0.681	0.653	0.100	-4.1244	20.0
4-Bromophenyl-phenylether	0.209	0.209	0.070	0.0545	20.0
Hexachlorobenzene	0.250	0.252	0.050	0.823	25.0
Atrazine	0.216	0.223	0.010	2.9429	25.0
Pentachlorophenol	0.163	0.163	0.010	-0.5097	40.0
Phenanthrene	1.083	1.051	0.200	-3.0281	20.0
Pentachlorobenzene	0.280	0.292	0.050	4.3497	20.0
Anthracene	1.095	1.030	0.200	-5.9482	20.0
1,2,3,4-Tetrachlorobenzene	0.280	0.282	0.050	0.6752	20.0
Carbazole	0.981	0.975	0.050	-0.5303	40.0
Di-n-butylphthalate	1.078	1.105	0.500	2.5538	25.0
Fluoranthene	1.274	1.246	0.400	-2.2198	25.0
Pyrene	1.383	1.347	0.400	-2.6015	25.0
Butylbenzylphthalate	0.476	0.498	0.100	4.6769	40.0
3,3-Dichlorobenzidine	0.448	0.467	0.010	4.2492	40.0
Benzo(a)anthracene	1.413	1.384	0.300	-2.0147	30.0
Chrysene	1.351	1.283	0.200	-5.0422	30.0
Bis(2-ethylhexyl)phthalate	0.687	0.706	0.200	2.7535	40.0
Di-n-octyl phthalate	1.067	1.024	0.010	-4.0324	40.0
Benzo(b)fluoranthene	1.242	1.227	0.200	-1.2452	25.0
Benzo(k)fluoranthene	1.227	1.204	0.200	-1.8824	25.0
Benzo(a)pyrene	1.146	1.117	0.200	-2.5689	20.0
Indeno(1,2,3-cd)pyrene	1.441	1.386	0.200	-3.8057	25.0
Dibenzo(a,h)anthracene	1.160	1.111	0.200	-4.2312	30.0
Benzo(g,h,i)perylene	1.139	1.085	0.200	-4.8031	30.0
2,3,4,6-Tetrachlorophenol	0.397	0.405	0.040	1.895	20.0
1,4-Dioxane-d8	0.618	0.680	0.010	9.9935	25.0
Pyridine-d5	1.820	1.979	0.010	8.6927	40.0
Phenol-d5	1.709	1.555	0.010	-9.0133	25.0
Bis-(2-Chloroethyl)ether-d8	0.993	0.915	0.050	-7.8079	25.0
2-Chlorophenol-d4	1.190	1.311	0.200	10.1772	20.0
4-Methylphenol-d8	1.364	1.329	0.010	-2.5608	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG No.: BP091124

Instrument ID: BNA_P Calibration Date/Time: 9/11/2024 12 19:38

Lab File ID: BP021889.D Init. Calib. Date(s):

EPA Sample No.: SICV614 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.125	0.150	0.050	20.774	20.0
2-Nitrophenol-d4	0.142	0.166	0.050	17.1217	30.0
2,4-Dichlorophenol-d3	0.314	0.342	0.060	8.915	20.0
4-Chloroaniline-d4	0.457	0.449	0.010	-1.7429	40.0
Dimethylphthalate-d6	1.503	1.532	0.300	1.9416	20.0
Acenaphthylene-d8	1.648	1.648	0.400	-0.0293	20.0
4-Nitrophenol-d4	0.284	0.274	0.010	-3.4287	40.0
Fluorene-d10	1.428	1.312	0.100	-8.1611	20.0
4,6-Dinitro-2-methylphenol-d2	0.114	0.111	0.010	-2.7577	40.0
Anthracene-d10	0.929	0.907	0.300	-2.3803	20.0
Pyrene-d10	1.107	1.086	0.300	-1.8872	25.0
Benzo(a)pyrene-d12	1.041	1.030	0.010	-1.0809	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:	SSTD040612		SDG No.:	BP091124	
Lab Sample ID:	SSTD04034		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
BP021884.D	1		9/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12000		350	500	2000	ug/L
100-52-7	Benzaldehyde	39000		1100	5000	10000	ug/L
110-86-1	Pyridine	32000		1700	10000	10000	ug/L
108-95-2	Phenol	34000		1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	34000		1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	41000		910	2500	5000	ug/L
95-48-7	2-Methylphenol	26000		1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28000		1900	5000	10000	ug/L
98-86-2	Acetophenone	27000		1500	5000	10000	ug/L
106-44-5	4-Methylphenol	27000		1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28000		1900	2500	5000	ug/L
67-72-1	Hexachloroethane	29000		1100	2500	5000	ug/L
98-95-3	Nitrobenzene	34000		1400	2500	5000	ug/L
78-59-1	Isophorone	31000		1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	42000		1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	34000		690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30000		1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	45000		1100	2500	5000	ug/L
91-20-3	Naphthalene	38000		940	2500	5000	ug/L
106-47-8	4-Chloroaniline	49000		940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	64000		1500	2500	5000	ug/L
105-60-2	Caprolactam	44000		2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	46000		1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	54000		910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	53000		1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	46000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	45000		2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	47000		1600	2500	5000	ug/L

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD040612		SDG No.:	BP091124	
Lab Sample ID:	SSTD04034		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
BP021884.D	1		9/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39000		1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	40000		1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	35000		1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	41000		1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	44000		1700	2500	5000	ug/L
208-96-8	Acenaphthylene	39000		1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	40000		1600	5000	10000	ug/L
83-32-9	Acenaphthene	39000		960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	44000		1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	36000		1400	5000	10000	ug/L
132-64-9	Dibenzofuran	41000		1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	44000		1500	2500	5000	ug/L
84-66-2	Diethylphthalate	38000		1300	2500	5000	ug/L
86-73-7	Fluorene	38000		940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41000		1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	39000		830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	42000		2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	37000		1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46000		1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	42000		950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	40000		1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	44000		1900	5000	10000	ug/L
85-01-8	Phenanthrene	39000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	44000		1700	2500	5000	ug/L
120-12-7	Anthracene	39000		1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	43000		1700	2500	5000	ug/L
86-74-8	Carbazole	39000		1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	36000		1900	2500	5000	ug/L
206-44-0	Fluoranthene	39000		1900	5000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD040612			SDG No.:	BP091124
Lab Sample ID:	SSTD04034			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
BP021884.D	1		9/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	38000		1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	33000		2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	38000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	41000		1100	2500	5000	ug/L
218-01-9	Chrysene	40000		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33000		3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	33000		2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	42000		1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	41000		1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	41000		1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	31000		1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	31000		1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	32000		1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48000		1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	12375	*	15-120		154688	SPK: -8
7291-22-7	Pyridine-d5	31834	*	20-120		79585	SPK: -40
4165-62-2	Phenol-d5	33688	*	10-130		84220	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36767	*	25-120		91917	SPK: -40
93951-73-6	2-Chlorophenol-d4	42491	*	20-130		106228	SPK: -40
190780-66-6	4-Methylphenol-d8	27474	*	25-125		68685	SPK: -40
4165-60-0	Nitrobenzene-d5	37621	*	20-125		94053	SPK: -40
93951-78-1	2-Nitrophenol-d4	42031	*	20-130		105078	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	44852	*	20-120		112130	SPK: -40
191656-33-4	4-Chloroaniline-d4	46317	*	1-146		115793	SPK: -40
85448-30-2	Dimethylphthalate-d6	40610	*	25-130		101525	SPK: -40
93951-97-4	Acenaphthylene-d8	40269	*	10-130		100672	SPK: -40
93951-79-2	4-Nitrophenol-d4	39871	*	10-150		99678	SPK: -40
81103-79-9	Fluorene-d10	39575	*	25-125		98938	SPK: -40

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD040612		SDG No.:	BP091124	
Lab Sample ID:	SSTD04034		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
BP021884.D	1		9/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	42310	*	10-130		105775	SPK: -40
1719-06-8	Anthracene-d10	39385	*	25-130		98463	SPK: -40
1718-52-1	Pyrene-d10	39502	*	15-130		98755	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41368	*	20-130		103420	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143213	7.752				
1146-65-2	Naphthalene-d8	500915	10.51				
15067-26-2	Acenaphthene-d10	487255	14.351				
1517-22-2	Phenanthrene-d10	1197444	17.145				
1719-03-5	Chrysene-d12	1317247	21.569				
1520-96-3	Perylene-d12	1532242	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD080613			SDG No.:	BP091124
Lab Sample ID:	SSTD08035			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
BP021885.D	1		9/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30000		350	500	2000	ug/L
100-52-7	Benzaldehyde	50000		1100	5000	10000	ug/L
110-86-1	Pyridine	72000		1700	10000	10000	ug/L
108-95-2	Phenol	59000		1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	57000		1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	73000		910	2500	5000	ug/L
95-48-7	2-Methylphenol	63000		1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	64000		1900	5000	10000	ug/L
98-86-2	Acetophenone	64000		1500	5000	10000	ug/L
106-44-5	4-Methylphenol	63000		1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	65000		1900	2500	5000	ug/L
67-72-1	Hexachloroethane	70000		1100	2500	5000	ug/L
98-95-3	Nitrobenzene	70000		1400	2500	5000	ug/L
78-59-1	Isophorone	65000		1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	87000	E	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	70000		690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	61000		1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	90000	E	1100	2500	5000	ug/L
91-20-3	Naphthalene	76000		940	2500	5000	ug/L
106-47-8	4-Chloroaniline	78000		940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	100000	E	1500	2500	5000	ug/L
105-60-2	Caprolactam	39000		2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	74000		1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	83000	E	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	83000	E	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	74000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	71000		2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	71000		1600	2500	5000	ug/L

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

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD080613		SDG No.:	BP091124	
Lab Sample ID:	SSTD08035		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
BP021885.D	1		9/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59000		1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	61000		1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	56000		1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	62000		1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	72000		1700	2500	5000	ug/L
208-96-8	Acenaphthylene	66000		1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	72000		1600	5000	10000	ug/L
83-32-9	Acenaphthene	77000		960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	96000		1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	69000		1400	5000	10000	ug/L
132-64-9	Dibenzofuran	79000		1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	88000	E	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	73000		1300	2500	5000	ug/L
86-73-7	Fluorene	72000		940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	79000		1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	66000		830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	89000		2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	73000		1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	70000		1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	85000	E	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	39000		1200	2500	5000	ug/L
1912-24-9	Atrazine	82000		1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	91000		1900	5000	10000	ug/L
85-01-8	Phenanthrene	76000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	88000	E	1700	2500	5000	ug/L
120-12-7	Anthracene	74000		1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	70000		1700	2500	5000	ug/L
86-74-8	Carbazole	75000		1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	71000		1900	2500	5000	ug/L
206-44-0	Fluoranthene	77000		1900	5000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTD080613			SDG No.:	BP091124
Lab Sample ID:	SSTD08035			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
BP021885.D	1		9/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	75000		1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	69000		2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	71000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	79000		1100	2500	5000	ug/L
218-01-9	Chrysene	78000		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	67000		3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	76000		2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	85000	E	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	84000	E	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	84000	E	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32000		1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	80000	E	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	62000		1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	94000	E	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	30009	*	15-120		375113	SPK: -8
7291-22-7	Pyridine-d5	72153	*	20-120		180382	SPK: -40
4165-62-2	Phenol-d5	60576	*	10-130		151440	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	60994	*	25-120		152485	SPK: -40
93951-73-6	2-Chlorophenol-d4	76757	*	20-130		191893	SPK: -40
190780-66-6	4-Methylphenol-d8	65581	*	25-125		163953	SPK: -40
4165-60-0	Nitrobenzene-d5	79411	*	20-125		198528	SPK: -40
93951-78-1	2-Nitrophenol-d4	90830	*	20-130		227075	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	92808	*	20-120		232020	SPK: -40
191656-33-4	4-Chloroaniline-d4	80499	*	1-146		201247	SPK: -40
85448-30-2	Dimethylphthalate-d6	63180	*	25-130		157950	SPK: -40
93951-97-4	Acenaphthylene-d8	64093	*	10-130		160232	SPK: -40
93951-79-2	4-Nitrophenol-d4	77866	*	10-150		194665	SPK: -40
81103-79-9	Fluorene-d10	75533	*	25-125		188832	SPK: -40

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD080613		SDG No.:	BP091124	
Lab Sample ID:	SSTD08035		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
BP021885.D	1		9/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	92557	*	10-130		231393	SPK: -40
1719-06-8	Anthracene-d10	76445	*	25-130		191113	SPK: -40
1718-52-1	Pyrene-d10	79376	*	15-130		198440	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	84397	*	20-130		210993	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125314	7.758				
1146-65-2	Naphthalene-d8	515040	10.516				
15067-26-2	Acenaphthene-d10	518257	14.351				
1517-22-2	Phenanthrene-d10	1235240	17.151				
1719-03-5	Chrysene-d12	1276218	21.58				
1520-96-3	Perylene-d12	1142202	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP091124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SSTD040612**								
SSTD04034	SSTD040612	Water	Total Alkanes	*	0.000		1100	5000	ug/L
			Total Tics :				**0.00**		
SSTD04034	SSTD040612	Water	1,1-Biphenyl		39,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	1,2,3,4-Tetrachlorobenzene		43,000.000		1700	5000	ug/L
SSTD04034	SSTD040612	Water	1,2,4,5-Tetrachlorobenzene		46,000.000		1400	5000	ug/L
SSTD04034	SSTD040612	Water	1,4-Dioxane		12,000.000		350	2000	ug/L
SSTD04034	SSTD040612	Water	1-Methylnaphthalene		54,000.000		910	5000	ug/L
SSTD04034	SSTD040612	Water	2,2-oxybis(1-Chloropropane)		28,000.000		1900	10000	ug/L
SSTD04034	SSTD040612	Water	2,3,4,6-Tetrachlorophenol		48,000.000		1500	5000	ug/L
SSTD04034	SSTD040612	Water	2,4,5-Trichlorophenol		47,000.000		1600	5000	ug/L
SSTD04034	SSTD040612	Water	2,4,6-Trichlorophenol		45,000.000		2000	5000	ug/L
SSTD04034	SSTD040612	Water	2,4-Dichlorophenol		45,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	2,4-Dimethylphenol		34,000.000		690	5000	ug/L
SSTD04034	SSTD040612	Water	2,4-Dinitrophenol		44,000.000		1800	10000	ug/L
SSTD04034	SSTD040612	Water	2,4-Dinitrotoluene		44,000.000		1500	5000	ug/L
SSTD04034	SSTD040612	Water	2,6-Dinitrotoluene		44,000.000		1700	5000	ug/L
SSTD04034	SSTD040612	Water	2-Chloronaphthalene		40,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	2-Chlorophenol		41,000.000		910	5000	ug/L
SSTD04034	SSTD040612	Water	2-Methylnaphthalene		53,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	2-Methylphenol		26,000.000		1500	10000	ug/L
SSTD04034	SSTD040612	Water	2-Nitroaniline		35,000.000		1800	5000	ug/L
SSTD04034	SSTD040612	Water	2-Nitrophenol		42,000.000		1200	5000	ug/L
SSTD04034	SSTD040612	Water	3,3-Dichlorobenzidine		38,000.000		1400	10000	ug/L
SSTD04034	SSTD040612	Water	3-Nitroaniline		40,000.000		1600	10000	ug/L
SSTD04034	SSTD040612	Water	4,6-Dinitro-2-methylphenol		42,000.000		2400	10000	ug/L
SSTD04034	SSTD040612	Water	4-Bromophenyl-phenylether		42,000.000		950	5000	ug/L
SSTD04034	SSTD040612	Water	4-Chloro-3-methylphenol		46,000.000		1600	5000	ug/L
SSTD04034	SSTD040612	Water	4-Chloroaniline		49,000.000		940	10000	ug/L
SSTD04034	SSTD040612	Water	4-Chlorophenyl-phenylether		41,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	4-Methylphenol		27,000.000		1700	10000	ug/L
SSTD04034	SSTD040612	Water	4-Nitroaniline		39,000.000		830	10000	ug/L
SSTD04034	SSTD040612	Water	4-Nitrophenol		36,000.000		1400	10000	ug/L
SSTD04034	SSTD040612	Water	Acenaphthene		39,000.000		960	5000	ug/L
SSTD04034	SSTD040612	Water	Acenaphthylene		39,000.000		1200	5000	ug/L
SSTD04034	SSTD040612	Water	Acetophenone		27,000.000		1500	10000	ug/L
SSTD04034	SSTD040612	Water	Anthracene		39,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	Atrazine		40,000.000		1800	10000	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BP091124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
SSTD04034	SSTD040612	Water	Benzaldehyde		39,000.000		1100	10000	ug/L
SSTD04034	SSTD040612	Water	Benzo(a)anthracene		41,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	Benzo(a)pyrene		41,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	Benzo(b)fluoranthene		42,000.000		1400	5000	ug/L
SSTD04034	SSTD040612	Water	Benzo(g,h,i)perylene		32,000.000		1200	5000	ug/L
SSTD04034	SSTD040612	Water	Benzo(k)fluoranthene		41,000.000		1400	5000	ug/L
SSTD04034	SSTD040612	Water	Bis(2-Chloroethoxy)methane		30,000.000		1500	5000	ug/L
SSTD04034	SSTD040612	Water	Bis(2-Chloroethyl)ether		34,000.000		1400	10000	ug/L
SSTD04034	SSTD040612	Water	Bis(2-ethylhexyl)phthalate		33,000.000		3000	5000	ug/L
SSTD04034	SSTD040612	Water	Butylbenzylphthalate		33,000.000		2700	5000	ug/L
SSTD04034	SSTD040612	Water	Caprolactam		44,000.000		2600	10000	ug/L
SSTD04034	SSTD040612	Water	Carbazole		39,000.000		1100	10000	ug/L
SSTD04034	SSTD040612	Water	Chrysene		40,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	Di-n-butylphthalate		36,000.000		1900	5000	ug/L
SSTD04034	SSTD040612	Water	Di-n-octyl phthalate		33,000.000		2400	10000	ug/L
SSTD04034	SSTD040612	Water	Dibenzo(a,h)anthracene		31,000.000		1300	5000	ug/L
SSTD04034	SSTD040612	Water	Dibenzofuran		41,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	Diethylphthalate		38,000.000		1300	5000	ug/L
SSTD04034	SSTD040612	Water	Dimethylphthalate		41,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	Fluoranthene		39,000.000		1900	5000	ug/L
SSTD04034	SSTD040612	Water	Fluorene		38,000.000		940	5000	ug/L
SSTD04034	SSTD040612	Water	Hexachlorobutadiene		64,000.000		1500	5000	ug/L
SSTD04034	SSTD040612	Water	Hexachlorocyclopentadiene		46,000.000		3100	10000	ug/L
SSTD04034	SSTD040612	Water	Hexachloroethane		29,000.000		1100	5000	ug/L
SSTD04034	SSTD040612	Water	Indeno(1,2,3-cd)pyrene		31,000.000		1400	5000	ug/L
SSTD04034	SSTD040612	Water	Isophorone		31,000.000		1700	5000	ug/L
SSTD04034	SSTD040612	Water	N-Nitroso-di-n-propylamine		28,000.000		1900	5000	ug/L
SSTD04034	SSTD040612	Water	N-Nitrosodiphenylamine		37,000.000		1300	5000	ug/L
SSTD04034	SSTD040612	Water	Naphthalene		38,000.000		940	5000	ug/L
SSTD04034	SSTD040612	Water	Nitrobenzene		34,000.000		1400	5000	ug/L
SSTD04034	SSTD040612	Water	Pentachlorobenzene		44,000.000		1700	5000	ug/L
SSTD04034	SSTD040612	Water	Pentachlorophenol		44,000.000		1900	10000	ug/L
SSTD04034	SSTD040612	Water	Phenanthrene		39,000.000		1200	5000	ug/L
SSTD04034	SSTD040612	Water	Phenol		34,000.000		1600	10000	ug/L
SSTD04034	SSTD040612	Water	Pyrene		38,000.000		1800	5000	ug/L
SSTD04034	SSTD040612	Water	Pyridine		32,000.000		1700	10000	ug/L
			Total Svoc :		**2,749,000.00**				
			Total Concentration:		**2,749,000.00**				
Client ID :	**SSTD080613**								
SSTD08035	SSTD080613	Water	Total Alkanes	*	0.000		1100	5000	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BP091124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	**0.00**				
SSTD08035	SSTD080613	Water	1,1-Biphenyl	59,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	1,2,3,4-Tetrachlorobenzene	70,000.000		1700	5000	ug/L
SSTD08035	SSTD080613	Water	1,2,4,5-Tetrachlorobenzene	70,000.000		1400	5000	ug/L
SSTD08035	SSTD080613	Water	1,4-Dioxane	30,000.000		350	2000	ug/L
SSTD08035	SSTD080613	Water	1-Methylnaphthalene	83,000.000	E	910	5000	ug/L
SSTD08035	SSTD080613	Water	2,2-oxybis(1-Chloropropane)	64,000.000		1900	10000	ug/L
SSTD08035	SSTD080613	Water	2,3,4,6-Tetrachlorophenol	94,000.000	E	1500	5000	ug/L
SSTD08035	SSTD080613	Water	2,4,5-Trichlorophenol	71,000.000		1600	5000	ug/L
SSTD08035	SSTD080613	Water	2,4,6-Trichlorophenol	71,000.000		2000	5000	ug/L
SSTD08035	SSTD080613	Water	2,4-Dichlorophenol	90,000.000	E	1100	5000	ug/L
SSTD08035	SSTD080613	Water	2,4-Dimethylphenol	70,000.000		690	5000	ug/L
SSTD08035	SSTD080613	Water	2,4-Dinitrophenol	96,000.000		1800	10000	ug/L
SSTD08035	SSTD080613	Water	2,4-Dinitrotoluene	88,000.000	E	1500	5000	ug/L
SSTD08035	SSTD080613	Water	2,6-Dinitrotoluene	72,000.000		1700	5000	ug/L
SSTD08035	SSTD080613	Water	2-Chloronaphthalene	61,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	2-Chlorophenol	73,000.000		910	5000	ug/L
SSTD08035	SSTD080613	Water	2-Methylnaphthalene	83,000.000	E	1100	5000	ug/L
SSTD08035	SSTD080613	Water	2-Methylphenol	63,000.000		1500	10000	ug/L
SSTD08035	SSTD080613	Water	2-Nitroaniline	56,000.000		1800	5000	ug/L
SSTD08035	SSTD080613	Water	2-Nitrophenol	87,000.000	E	1200	5000	ug/L
SSTD08035	SSTD080613	Water	3,3-Dichlorobenzidine	71,000.000		1400	10000	ug/L
SSTD08035	SSTD080613	Water	3-Nitroaniline	72,000.000		1600	10000	ug/L
SSTD08035	SSTD080613	Water	4,6-Dinitro-2-methylphenol	89,000.000		2400	10000	ug/L
SSTD08035	SSTD080613	Water	4-Bromophenyl-phenylether	85,000.000	E	950	5000	ug/L
SSTD08035	SSTD080613	Water	4-Chloro-3-methylphenol	74,000.000		1600	5000	ug/L
SSTD08035	SSTD080613	Water	4-Chloroaniline	78,000.000		940	10000	ug/L
SSTD08035	SSTD080613	Water	4-Chlorophenyl-phenylether	79,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	4-Methylphenol	63,000.000		1700	10000	ug/L
SSTD08035	SSTD080613	Water	4-Nitroaniline	66,000.000		830	10000	ug/L
SSTD08035	SSTD080613	Water	4-Nitrophenol	69,000.000		1400	10000	ug/L
SSTD08035	SSTD080613	Water	Acenaphthene	77,000.000		960	5000	ug/L
SSTD08035	SSTD080613	Water	Acenaphthylene	66,000.000		1200	5000	ug/L
SSTD08035	SSTD080613	Water	Acetophenone	64,000.000		1500	10000	ug/L
SSTD08035	SSTD080613	Water	Anthracene	74,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	Atrazine	82,000.000		1800	10000	ug/L
SSTD08035	SSTD080613	Water	Benzaldehyde	50,000.000		1100	10000	ug/L
SSTD08035	SSTD080613	Water	Benzo(a)anthracene	79,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	Benzo(a)pyrene	84,000.000	E	1100	5000	ug/L
SSTD08035	SSTD080613	Water	Benzo(b)fluoranthene	85,000.000	E	1400	5000	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: BP091124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTD08035	SSTD080613	Water	Benzo(g,h,i)perylene	62,000.000		1200	5000	ug/L
SSTD08035	SSTD080613	Water	Benzo(k)fluoranthene	84,000.000	E	1400	5000	ug/L
SSTD08035	SSTD080613	Water	Bis(2-Chloroethoxy)methane	61,000.000		1500	5000	ug/L
SSTD08035	SSTD080613	Water	Bis(2-Chloroethyl)ether	57,000.000		1400	10000	ug/L
SSTD08035	SSTD080613	Water	Bis(2-ethylhexyl)phthalate	67,000.000		3000	5000	ug/L
SSTD08035	SSTD080613	Water	Butylbenzylphthalate	69,000.000		2700	5000	ug/L
SSTD08035	SSTD080613	Water	Caprolactam	39,000.000		2600	10000	ug/L
SSTD08035	SSTD080613	Water	Carbazole	75,000.000		1100	10000	ug/L
SSTD08035	SSTD080613	Water	Chrysene	78,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	Di-n-butylphthalate	71,000.000		1900	5000	ug/L
SSTD08035	SSTD080613	Water	Di-n-octyl phthalate	76,000.000		2400	10000	ug/L
SSTD08035	SSTD080613	Water	Dibenzo(a,h)anthracene	80,000.000	E	1300	5000	ug/L
SSTD08035	SSTD080613	Water	Dibenzofuran	79,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	Diethylphthalate	73,000.000		1300	5000	ug/L
SSTD08035	SSTD080613	Water	Dimethylphthalate	62,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	Fluoranthene	77,000.000		1900	5000	ug/L
SSTD08035	SSTD080613	Water	Fluorene	72,000.000		940	5000	ug/L
SSTD08035	SSTD080613	Water	Hexachlorobenzene	39,000.000		1200	5000	ug/L
SSTD08035	SSTD080613	Water	Hexachlorobutadiene	100,000.000	E	1500	5000	ug/L
SSTD08035	SSTD080613	Water	Hexachlorocyclopentadiene	74,000.000		3100	10000	ug/L
SSTD08035	SSTD080613	Water	Hexachloroethane	70,000.000		1100	5000	ug/L
SSTD08035	SSTD080613	Water	Indeno(1,2,3-cd)pyrene	32,000.000		1400	5000	ug/L
SSTD08035	SSTD080613	Water	Isophorone	65,000.000		1700	5000	ug/L
SSTD08035	SSTD080613	Water	N-Nitroso-di-n-propylamine	65,000.000		1900	5000	ug/L
SSTD08035	SSTD080613	Water	N-Nitrosodiphenylamine	73,000.000		1300	5000	ug/L
SSTD08035	SSTD080613	Water	Naphthalene	76,000.000		940	5000	ug/L
SSTD08035	SSTD080613	Water	Nitrobenzene	70,000.000		1400	5000	ug/L
SSTD08035	SSTD080613	Water	Pentachlorobenzene	88,000.000	E	1700	5000	ug/L
SSTD08035	SSTD080613	Water	Pentachlorophenol	91,000.000		1900	10000	ug/L
SSTD08035	SSTD080613	Water	Phenanthrene	76,000.000		1200	5000	ug/L
SSTD08035	SSTD080613	Water	Phenol	59,000.000		1600	10000	ug/L
SSTD08035	SSTD080613	Water	Pyrene	75,000.000		1800	5000	ug/L
SSTD08035	SSTD080613	Water	Pyridine	72,000.000		1700	10000	ug/L
			Total Svoc :	**5,165,000.00**				
			Total Concentration:	**5,165,000.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG No.: BP091124

Instrument ID: Calibration Date(s): 9/11/2024

Calibration Time(s): 13:02

LAB FILE ID: RRFAL1 = BP021881.D RRFAL2 = BP021882.D RRFAL3 = BP021883.D
RRFAL6 = BP021886.D RRFAL4 = BP021887.D RRFAL5 = BP021888.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL6	RRFAL4	RRFAL5	RRF	% RSD
1,4-Dioxane	0.516	0.783	0.727		0.660	0.635	0.664	15.2
Benzaldehyde		0.977	1.047	0.780	0.973	0.692	0.894	16.8
Pyridine		1.607	2.035	1.807	1.892	1.759	1.820	8.7
Hexachloroethane	0.564	0.616	0.574		0.576	0.572	0.580	3.5
Nitrobenzene	0.351	0.327	0.390		0.305	0.296	0.334	11.3
Isophorone	0.606	0.713	0.689		0.552	0.551	0.622	12.2
2-Nitrophenol	0.140	0.168	0.177		0.149	0.150	0.157	9.6
2,4-Dimethylphenol	0.331	0.382	0.371		0.289	0.293	0.333	13.0
Bis(2-Chloroethoxy)methane	0.399	0.447	0.414		0.326	0.319	0.381	14.8
2,4-Dichlorophenol	0.309	0.356	0.343		0.285	0.312	0.321	8.8
Naphthalene	1.043	1.135	1.036		1.067	1.044	1.065	3.8
4-Chloroaniline		0.476	0.430	0.433	0.458	0.454	0.450	4.2
Hexachlorobutadiene	0.248	0.269	0.260		0.254	0.247	0.256	3.6
Phenol		1.571	1.584	2.358	1.701	1.649	1.773	18.7
Caprolactam		0.101	0.104	0.117	0.115	0.118	0.111	7.0
4-Chloro-3-methylphenol	0.300	0.392	0.367		0.377	0.377	0.363	10.0
1-Methylnaphthalene	0.728	0.914	0.786		0.788	0.766	0.796	8.8
2-Methylnaphthalene	0.718	0.885	0.759		0.774	0.771	0.781	8.0
Hexachlorocyclopentadiene		0.425	0.354	0.387	0.375	0.386	0.385	6.8
2,4,6-Trichlorophenol	0.334	0.490	0.388		0.432	0.449	0.419	14.3
2,4,5-Trichlorophenol	0.363	0.544	0.426		0.483	0.491	0.461	15.0
1,1-Biphenyl	1.356	1.761	1.361		1.428	1.420	1.465	11.5
2-Chloronaphthalene	1.105	1.423	1.079		1.154	1.157	1.184	11.6
2-Nitroaniline	0.254	0.323	0.307		0.337	0.350	0.314	11.8
Bis(2-Chloroethyl)ether		1.275	1.215	1.687	1.252	1.224	1.331	15.1
Dimethylphthalate	1.450	1.633	1.493		1.531	1.504	1.522	4.5
2,6-Dinitrotoluene	0.213	0.279	0.285		0.313	0.324	0.283	15.3
Acenaphthylene	1.576	1.927	1.693		1.794	1.767	1.751	7.4
3-Nitroaniline		0.277	0.289	0.283	0.311	0.274	0.287	5.1
Acenaphthene	1.187	1.379	1.218		1.242	1.256	1.256	5.8
2,4-Dinitrophenol		0.126	0.151	0.224	0.187	0.206	0.179	22.3
4-Nitrophenol		0.264	0.285	0.237	0.245	0.244	0.255	7.7
Dibenzofuran	1.750	2.037	1.823		1.794	1.794	1.839	6.2
2,4-Dinitrotoluene	0.357	0.437	0.467		0.469	0.488	0.443	11.7
Diethylphthalate	1.369	1.641	1.690		1.473	1.468	1.528	8.7
2-Chlorophenol	0.818	1.339	1.283		1.350	1.329	1.224	18.7

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.: BP091124 SAS No.: BP091124 SDG No.: BP091124

Instrument ID: Calibration Date(s): 9/11/2024

Calibration Time(s): 13:02

LAB FILE ID: RRFAL1 = BP021881.D RRFAL2 = BP021882.D RRFAL3 = BP021883.D
RRFAL6 = BP021886.D RRFAL4 = BP021887.D RRFAL5 = BP021888.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL6	RRFAL4	RRFAL5	RRF	% RSD
Fluorene	1.467	1.660	2.068		1.458	1.412	1.613	16.8
4-Chlorophenyl-phenylether	0.756	0.852	1.070		0.770	0.752	0.840	16.0
4-Nitroaniline		0.306	0.441	0.256	0.312	0.275	0.318	22.8
4,6-Dinitro-2-methylphenol		0.111	0.114	0.139	0.130	0.137	0.126	10.3
N-Nitrosodiphenylamine	0.528	0.608	0.530		0.551	0.542	0.552	5.9
1,2,4,5-Tetrachlorobenzene	0.589	0.846	0.624		0.669	0.677	0.681	14.5
4-Bromophenyl-phenylether	0.187	0.221	0.206		0.214	0.215	0.209	6.4
Hexachlorobenzene	0.234	0.268	0.245		0.251	0.254	0.250	5.0
Atrazine		0.229	0.214	0.196	0.218	0.225	0.216	5.9
Pentachlorophenol		0.152	0.151	0.174	0.168	0.174	0.163	7.0
2-Methylphenol		1.226	1.181	1.317	1.271	1.273	1.254	4.1
Phenanthrene	1.047	1.207	1.067		1.067	1.029	1.083	6.5
Pentachlorobenzene	0.282	0.324	0.209		0.293	0.293	0.280	15.3
Anthracene	1.072	1.220	1.073		1.077	1.033	1.095	6.6
1,2,3,4-Tetrachlorobenzene	0.251	0.364	0.192		0.294	0.298	0.280	22.8
Carbazole		1.101	0.978	0.899	0.975	0.950	0.981	7.6
Di-n-butylphthalate	0.948	1.136	1.062		1.127	1.117	1.078	7.3
Fluoranthene	1.078	1.355	1.227		1.363	1.350	1.274	9.7
Pyrene	1.232	1.496	1.357		1.423	1.407	1.383	7.1
Butylbenzylphthalate	0.370	0.475	0.457		0.529	0.547	0.476	14.7
3,3-Dichlorobenzidine		0.460	0.446	0.405	0.480	0.449	0.448	6.1
2,2-oxybis(1-Chloropropane)		1.508	1.390	1.446	1.467	1.419	1.446	3.1
Benzo(a)anthracene	1.282	1.533	1.368		1.445	1.437	1.413	6.6
Chrysene	1.305	1.466	1.313		1.351	1.321	1.351	4.9
Bis(2-ethylhexyl)phthalate	0.534	0.697	0.674		0.749	0.781	0.687	13.9
Di-n-octyl phthalate		0.915	0.947	1.177	1.114	1.181	1.067	11.9
Benzo(b)fluoranthene	1.069	1.293	1.198		1.314	1.336	1.242	8.9
Benzo(k)fluoranthene	1.113	1.317	1.220		1.229	1.256	1.227	6.0
Benzo(a)pyrene	1.008	1.216	1.113		1.193	1.203	1.146	7.6
Indeno(1,2,3-cd)pyrene	1.338	1.530	1.388		1.450	1.497	1.441	5.4
Dibenzo(a,h)anthracene	1.084	1.221	1.136		1.155	1.207	1.160	4.8
Benzo(g,h,i)perylene	1.063	1.199	1.087		1.151	1.196	1.139	5.5
Acetophenone		2.337	2.144	2.149	2.190	2.181	2.200	3.6
2,3,4,6-Tetrachlorophenol	0.317	0.416	0.415		0.417	0.422	0.397	11.4
1,4-Dioxane-d8	0.453	0.734	0.699		0.603	0.603	0.618	17.7
Pyridine-d5		1.654	1.966	1.792	1.845	1.845	1.820	6.2

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG No.: BP091124

Instrument ID: Calibration Date(s): 9/11/2024

Calibration Time(s): 13:02

LAB FILE ID: RRFAL1 = BP021881.D RRFAL2 = BP021882.D RRFAL3 = BP021883.D
RRFAL6 = BP021886.D RRFAL4 = BP021887.D RRFAL5 = BP021888.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL6	RRFAL4	RRFAL5	RRF	% RSD
Phenol-d5		1.527	1.493	2.293	1.631	1.601	1.709	19.4
Bis-(2-Chloroethyl)ether-d8		0.948	0.911	1.273	0.938	0.892	0.993	16.0
2-Chlorophenol-d4	0.776	1.282	1.252		1.326	1.312	1.190	19.6
4-Methylphenol-d8		1.362	1.302	1.410	1.356	1.392	1.364	3.0
Nitrobenzene-d5	0.126	0.112	0.148		0.119	0.118	0.125	11.0
2-Nitrophenol-d4	0.127	0.147	0.159		0.135	0.140	0.142	8.4
2,4-Dichlorophenol-d3	0.304	0.345	0.343		0.284	0.291	0.314	9.3
4-Chloroaniline-d4		0.469	0.444	0.445	0.464	0.463	0.457	2.6
4-Methylphenol		1.412	1.333	1.437	1.429	1.419	1.406	3.0
Dimethylphthalate-d6	1.394	1.586	1.486		1.528	1.519	1.503	4.7
Acenaphthylene-d8	1.436	1.760	1.625		1.716	1.704	1.648	7.8
4-Nitrophenol-d4		0.275	0.276	0.284	0.295	0.290	0.284	3.0
Fluorene-d10	1.252	1.438	1.802		1.329	1.319	1.428	15.4
4,6-Dinitro-2-methylphenol-		0.096	0.099	0.130	0.120	0.127	0.114	13.7
Anthracene-d10	0.900	1.009	0.910		0.923	0.903	0.929	4.9
Pyrene-d10	0.954	1.163	1.066		1.170	1.179	1.107	8.7
Benzo(a)pyrene-d12	0.886	1.094	1.008		1.095	1.122	1.041	9.3
N-Nitroso-di-n-propylamine	0.890	1.123	1.053		1.107	1.087	1.052	9.0

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.: BP091124 SAS No.: BP091124 SDG NO.: BP091124

EPA Sample No.: SSTD020611 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BP021883.D Time Analyzed: 14:59

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	93540	7.746	393724	10.50	312749	14.35
	UPPER LIMIT	187080	8.246	787448	11.004	625498	14.845
	LOWER LIMIT	46770	7.246	196862	10.004	156374.5	13.845
	EPA SAMPLE NO.						
01	SSTD040612	143213	7.75	500915	10.51	487255	14.35
02	SSTD080613	125314	7.76	515040	10.52	518257	14.35
03	SICV614	97751	7.76	419743	10.53	316622	14.36

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,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG NO.: BP091124

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.: BP091124 SAS No.: BP091124 SDG NO.: BP091124

EPA Sample No.: SSTD020611 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BP021883.D Time Analyzed: 14:59

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	1.03057e+0(	17.133	1.1294e+0	21.568	1.30751e+0(	24.886
	UPPER LIMIT	2061140	17.633	2258800	22.068	2615020	25.386
	LOWER LIMIT	515285	16.633	564700	21.068	653755	24.386
	EPA SAMPLE NO.						
01	SSTD040612	1.19744	17.15	1.31725e+	21.57	1.53224e+	24.89
02	SSTD080613	1.23524	17.15	1.27622e+	21.58	1.1422e+0	24.91
03	SICV614	745235	17.16	795336	21.59	917080	24.92

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.: BP091124 SAS No.: BP091124 SDG NO.: BP091124

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.

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.: BP091124

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.: BP091124

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.

SSTD040612

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG NO.: BP091124

Lab File ID: BP021884.D Lab Sample ID: SSTD04034

Instrument ID: BNA_P Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 09/11/2024

Level: (low/med) LOW Time Analyzed: 14:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD040612	SSTD04034	BP021884.D	09/11/2024
SSTD080613	SSTD08035	BP021885.D	09/11/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BP091124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTD04034	SSTD040612	BP021884.D	1,4-Dioxane-d8	8	12,375.00	154688	*	15	120
			Pyridine-d5	40	31,834.00	79585	*	20	120
			Phenol-d5	40	33,688.00	84220	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	36,767.00	91917	*	25	120
			2-Chlorophenol-d4	40	42,491.00	106228	*	20	130
			4-Methylphenol-d8	40	27,474.00	68685	*	25	125
			Nitrobenzene-d5	40	37,621.00	94053	*	20	125
			2-Nitrophenol-d4	40	42,031.00	105078	*	20	130
			2,4-Dichlorophenol-d3	40	44,852.00	112130	*	20	120
			4-Chloroaniline-d4	40	46,317.00	115793	*	1	146
			Dimethylphthalate-d6	40	40,610.00	101525	*	25	130
			Acenaphthylene-d8	40	40,269.00	100672	*	10	130
			4-Nitrophenol-d4	40	39,871.00	99678	*	10	150
			Fluorene-d10	40	39,575.00	98938	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	42,310.00	105775	*	10	130
			Anthracene-d10	40	39,385.00	98463	*	25	130
			Pyrene-d10	40	39,502.00	98755	*	15	130
			Benzo(a)pyrene-d12	40	41,368.00	103420	*	20	130
SSTD08035	SSTD080613	BP021885.D	1,4-Dioxane-d8	8	30,009.00	375113	*	15	120
			Pyridine-d5	40	72,153.00	180382	*	20	120
			Phenol-d5	40	60,576.00	151440	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	60,994.00	152485	*	25	120
			2-Chlorophenol-d4	40	76,757.00	191893	*	20	130
			4-Methylphenol-d8	40	65,581.00	163953	*	25	125
			Nitrobenzene-d5	40	79,411.00	198528	*	20	125
			2-Nitrophenol-d4	40	90,830.00	227075	*	20	130
			2,4-Dichlorophenol-d3	40	92,808.00	232020	*	20	120
			4-Chloroaniline-d4	40	80,499.00	201247	*	1	146
			Dimethylphthalate-d6	40	63,180.00	157950	*	25	130
			Acenaphthylene-d8	40	64,093.00	160232	*	10	130
			4-Nitrophenol-d4	40	77,866.00	194665	*	10	150
			Fluorene-d10	40	75,533.00	188832	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	92,557.00	231393	*	10	130
			Anthracene-d10	40	76,445.00	191113	*	25	130
			Pyrene-d10	40	79,376.00	198440	*	15	130
			Benzo(a)pyrene-d12	40	84,397.00	210993	*	20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP091124

Lab Code: CHEM SAS No.: BP091124 SDG NO.: BP091124

Lab File ID: BP021880.D DFTPP Injection Date: 09/11/2024

Instrument ID: BNA_P DFTPP Injection Time: 12:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.3
197	Less than 2.0% of mass 198	0.6
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	28.3
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	71.8
443	15.0 - 24.0% of mass 442	13.8 (19.2) 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
SSTD005609	SSTD00531	BP021881.D	09/11/2024	13:02
SSTD010610	SSTD01032	BP021882.D	09/11/2024	13:41
SSTD020611	SSTD02033	BP021883.D	09/11/2024	14:20
SSTD040612	SSTD04034	BP021884.D	09/11/2024	14:59
SSTD080613	SSTD08035	BP021885.D	09/11/2024	15:39
SSTD160614	SSTD16036	BP021886.D	09/11/2024	16:18
SSTD040612	SSTD04034	BP021887.D	09/11/2024	16:58
SSTD080613	SSTD08035	BP021888.D	09/11/2024	17:38
SICV614	SSTDICV020	BP021889.D	09/11/2024	19:38