284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG No.: BF082924

Instrument ID: BNA_F Calibration Date/Time: 8/29/2024 12 13:16

Lab File ID: BF139219.D Init. Calib. Date(s):

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s):

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.750	0.757		0.933	
Pyridine	1.388	1.387		-0.072	
2-Fluorophenol	1.248	1.252		0.321	
Benzaldehyde	1.055	1.017		-3.602	
Aniline	1.524	1.524		0.0	
Phenol-d6	1.655	1.645		-0.604	
Phenol	1.731	1.747		0.924	20.0
bis(2-Chloroethyl)ether	1.276	1.274		-0.157	
2-Chlorophenol	1.254	1.254		0.0	
1,2-Dichlorobenzene	1.404	1.396		-0.57	
1,3-Dichlorobenzene	1.484	1.483		-0.067	
1,4-Dichlorobenzene	1.499	1.486		-0.867	20.0
Benzyl Alcohol	1.289	1.312		1.784	
2-Methylphenol	1.059	1.077		1.7	
2,2-oxybis(1-Chloropropane)	1.813	1.804		-0.496	
Acetophenone	0.509	0.505		-0.786	
3+4-Methylphenols	1.372	1.369		-0.219	
n-Nitroso-di-n-propylamine	1.030	1.004	0.050	-2.524	
Nitrobenzene-d5	0.416	0.424		1.923	
Hexachloroethane	0.519	0.520		0.193	
Nitrobenzene	0.435	0.441		1.379	
Isophorone	0.721	0.717		-0.555	
2-Nitrophenol	0.156	0.168		7.692	20.0
2,4-Dimethylphenol	0.229	0.230		0.437	
bis(2-Chloroethoxy)methane	0.420	0.415		-1.19	
2,4-Dichlorophenol	0.294	0.295		0.34	20.0
1,2,4-Trichlorobenzene	0.337	0.337		0.0	
Benzoic acid	0.203	0.211		3.941	
Naphthalene	1.026	1.020		-0.585	
4-Chloroaniline	0.352	0.350		-0.568	
Hexachlorobutadiene	0.222	0.223		0.45	20.0
Caprolactam	0.088	0.088		0.0	
4-Chloro-3-methylphenol	0.323	0.325		0.619	20.0
2-Methylnaphthalene	0.646	0.646		0.0	
Hexachlorocyclopentadiene	0.208	0.225	0.050	8.173	
2,4,6-Trichlorophenol	0.378	0.387		2.381	20.0
2-Fluorobiphenyl	1.284	1.282		-0.156	
2,4,5-Trichlorophenol	0.407	0.419		2.948	
1,1-Biphenyl	1.433	1.448		1.047	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG No.: BF082924

Instrument ID: BNA_F Calibration Date/Time: 8/29/2024 1: 13:16

Lab File ID: BF139219.D Init. Calib. Date(s):

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s):

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.138	1.147		0.791	
2-Nitroaniline	0.350	0.377		7.714	
Dimethylphthalate	1.252	1.260		0.639	
Acenaphthylene	1.617	1.636		1.175	
2,6-Dinitrotoluene	0.271	0.287		5.904	
3-Nitroaniline	0.267	0.279		4.494	
Acenaphthene	1.080	1.096		1.481	20.0
2,4-Dinitrophenol	0.119	0.124	0.050	4.202	
4-Nitrophenol	0.204	0.219	0.050	7.353	
Dibenzofuran	1.555	1.550		-0.322	
2,4-Dinitrotoluene	0.341	0.364		6.745	
Diethylphthalate	1.197	1.205		0.668	
4-Chlorophenyl-phenylether	0.618	0.617		-0.162	
Fluorene	1.231	1.218		-1.056	
4-Nitroaniline	0.262	0.275		4.962	
4,6-Dinitro-2-methylphenol	0.099	0.105		6.061	
n-Nitrosodiphenylamine	0.594	0.599		0.842	20.0
Azobenzene	1.319	1.341		1.668	
2,4,6-Tribromophenol	0.201	0.206		2.488	
4-Bromophenyl-phenylether	0.217	0.223		2.765	
Hexachlorobenzene	0.238	0.241		1.261	
Atrazine	0.148	0.142		-4.054	
Pentachlorophenol	0.150	0.162		8.0	20.0
Phenanthrene	1.006	1.001		-0.497	
Anthracene	0.982	0.987		0.509	
Carbazole	0.866	0.873		0.808	
Di-n-butylphthalate	0.926	0.925		-0.108	
Fluoranthene	0.990	0.982		-0.808	20.0
Benzidine	0.395	0.458		15.949	
Pyrene	1.922	2.038		6.035	
Terphenyl-d14	1.387	1.461		5.335	
Butylbenzylphthalate	0.448	0.474		5.804	
3,3-Dichlorobenzidine	0.344	0.356		3.488	
Benzo(a)anthracene	1.310	1.359		3.74	
Chrysene	1.219	1.181		-3.117	
Bis(2-ethylhexyl)phthalate	0.482	0.506		4.979	
Di-n-octyl phthalate	0.911	0.975		7.025	20.0
Benzo(b)fluoranthene	1.198	1.207		0.751	
Benzo(k)fluoranthene	1.045	1.020		-2.392	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG No.: BF082924

Instrument ID: BNA_F Calibration Date/Time: 8/29/2024 12 13:16

Lab File ID: BF139219.D Init. Calib. Date(s):

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s):

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.010	1.027		1.683	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.480		4.965	
Dibenzo(a,h)anthracene	1.174	1.232		4.94	
Benzo(g,h,i)perylene	1.183	1.246		5.325	
1,2,4,5-Tetrachlorobenzene	0.594	0.599		0.842	
1,4-Dioxane	0.546	0.545		-0.183	20.0
2,3,4,6-Tetrachlorophenol	0.323	0.341		5.573	
1-Methylnaphthalene	0.637	0.629		-1.256	

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:	SSTDCCC040		SDG No.:	BF082924	
Lab Sample ID:	SSTDCCC040		Matrix:	Water	
Analytical Method:	8270E		% 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
BF139214.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41400		1000	8000	10000	ug/L
110-86-1	Pyridine	41000		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	40700		4000	8000	10000	ug/L
62-53-3	Aniline	40200		1600	4000	5000	ug/L
108-95-2	Phenol	40600		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	40400		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	40600		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	40400		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	40800		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	39900		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	41700		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	40600		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40700		1400	4000	5000	ug/L
98-86-2	Acetophenone	41200		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	40500		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40100		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	41700		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	42600		1300	4000	5000	ug/L
78-59-1	Isophorone	41600		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	45300		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	41200		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41500		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	41500		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	41500		1100	4000	5000	ug/L
65-85-0	Benzoic acid	44700		5500	8000	10000	ug/L
91-20-3	Naphthalene	41100		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	40800		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	41900		1300	4000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC040			SDG No.:	BF082924
Lab Sample ID:	SSTDCCC040			Matrix:	Water
Analytical Method:	8270E			% 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
BF139214.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	40100		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	41900		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	41100		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	44700		5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	43900		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	40800		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	41600		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	41500		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	44800		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	41600		930	4000	5000	ug/L
208-96-8	Acenaphthylene	41700		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	44200		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	43000		1400	4000	5000	ug/L
83-32-9	Acenaphthene	42100		810	4000	5000	ug/L
Total PAH	Total PAH	656600		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	41100		6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	43000		2000	8000	10000	ug/L
132-64-9	Dibenzofuran	41400		930	4000	5000	ug/L
121-14-2	2,4-Dinitrotoluene	44900		1500	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	89100		2700	4000	10000	ug/L
84-66-2	Diethylphthalate	41400		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42100		980	4000	5000	ug/L
86-73-7	Fluorene	40900		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	41000		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45300		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	41700		890	4000	5000	ug/L
103-33-3	Azobenzene	41700		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	43100		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	42700		1100	4000	5000	ug/L
1912-24-9	Atrazine	30600		1300	4000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC040			SDG No.:	BF082924
Lab Sample ID:	SSTDCCC040			Matrix:	Water
Analytical Method:	8270E			% 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
BF139214.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	43400		1900	8000	10000	ug/L
85-01-8	Phenanthrene	41200		890	4000	5000	ug/L
120-12-7	Anthracene	41200		1100	4000	5000	ug/L
86-74-8	Carbazole	39600		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	38100		1500	4000	5000	ug/L
206-44-0	Fluoranthene	37800		1300	4000	5000	ug/L
92-87-5	Benzidine	51800		4100	8000	10000	ug/L
129-00-0	Pyrene	42100		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	46100		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	52300		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	40900		940	4000	5000	ug/L
218-01-9	Chrysene	42100		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61300		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	65300		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	42100		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	37600		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	41800		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41700		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	41200		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	41100		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41400		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	39300		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41900		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	41200		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	81638	*	10-139		54425	SPK: -150
13127-88-3	Phenol-d6	81572	*	10-134		54381	SPK: -150
4165-60-0	Nitrobenzene-d5	85335	*	49-133		85335	SPK: -100
321-60-8	2-Fluorobiphenyl	82742	*	52-132		82742	SPK: -100

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Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTDCCC040			SDG No.:	BF082924		
Lab Sample ID:	SSTDCCC040			Matrix:	Water		
Analytical Method:	8270E			% 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
BF139214.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83727	*	44-137		55818	SPK: -150
1718-51-0	Terphenyl-d14	81878	*	48-125		81878	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92505	6.892				
1146-65-2	Naphthalene-d8	333697	8.175				
15067-26-2	Acenaphthene-d10	188588	9.928				
1517-22-2	Phenanthrene-d10	314618	11.41				
1719-03-5	Chrysene-d12	143320	14.045				
1520-96-3	Perylene-d12	183990	15.515				

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	ICVBF082924		SDG No.:	BF082924	
Lab Sample ID:	SSTDICV040		Matrix:	Water	
Analytical Method:	8270E		% 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
BF139223.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	39700		1000	8000	10000	ug/L
110-86-1	Pyridine	40200		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	40400		4000	8000	10000	ug/L
62-53-3	Aniline	39900		1600	4000	5000	ug/L
108-95-2	Phenol	40300		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	39800		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	39600		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	39200		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	39800		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	39700		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	40200		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	40000		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39700		1400	4000	5000	ug/L
98-86-2	Acetophenone	40200		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	39500		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39300		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	40500		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	41200		1300	4000	5000	ug/L
78-59-1	Isophorone	40700		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	44700		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	40500		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40300		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	40900		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	39800		1100	4000	5000	ug/L
65-85-0	Benzoic acid	44900		5500	8000	10000	ug/L
91-20-3	Naphthalene	39800		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	40400		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	40400		1300	4000	5000	ug/L

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	ICVBF082924		SDG No.:	BF082924	
Lab Sample ID:	SSTDICV040		Matrix:	Water	
Analytical Method:	8270E		% 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
BF139223.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	41300		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	41300		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	40300		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	41600		5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	40800		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	40600		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	40100		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	39900		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	43300		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	40600		930	4000	5000	ug/L
208-96-8	Acenaphthylene	40300		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	43000		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	42800		1400	4000	5000	ug/L
83-32-9	Acenaphthene	40600		810	4000	5000	ug/L
Total PAH	Total PAH	648500		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	41900		6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	44100		2000	8000	10000	ug/L
132-64-9	Dibenzofuran	40200		930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	87700		2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	44700		1500	4000	5000	ug/L
84-66-2	Diethylphthalate	40600		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39600		980	4000	5000	ug/L
86-73-7	Fluorene	39800		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	42900		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46000		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	39700		890	4000	5000	ug/L
103-33-3	Azobenzene	40300		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	40200		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	39500		1100	4000	5000	ug/L
1912-24-9	Atrazine	39300		1300	4000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBF082924			SDG No.:	BF082924
Lab Sample ID:	SSTDICV040			Matrix:	Water
Analytical Method:	8270E			% 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
BF139223.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	42800		1900	8000	10000	ug/L
85-01-8	Phenanthrene	39800		890	4000	5000	ug/L
120-12-7	Anthracene	39900		1100	4000	5000	ug/L
86-74-8	Carbazole	41100		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	42800		1500	4000	5000	ug/L
206-44-0	Fluoranthene	41800		1300	4000	5000	ug/L
92-87-5	Benzidine	47700		4100	8000	10000	ug/L
129-00-0	Pyrene	39700		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	46400		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	40300		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	40900		940	4000	5000	ug/L
218-01-9	Chrysene	39200		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42000		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	35200		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	41800		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	40700		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	41300		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41000		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	40700		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	41200		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39300		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	39100		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41500		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	39900		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	79660	*	10-139		53107	SPK: -150
13127-88-3	Phenol-d6	79650	*	10-134		53100	SPK: -150
4165-60-0	Nitrobenzene-d5	83440	*	49-133		83440	SPK: -100
321-60-8	2-Fluorobiphenyl	78588	*	52-132		78588	SPK: -100

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Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	ICVBF082924			SDG No.:	BF082924		
Lab Sample ID:	SSTDICV040			Matrix:	Water		
Analytical Method:	8270E			% 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
BF139223.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83000	*	44-137		55333	SPK: -150
1718-51-0	Terphenyl-d14	78847	*	48-125		78847	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99322	6.887				
1146-65-2	Naphthalene-d8	359609	8.169				
15067-26-2	Acenaphthene-d10	207366	9.928				
1517-22-2	Phenanthrene-d10	358790	11.41				
1719-03-5	Chrysene-d12	194113	14.051				
1520-96-3	Perylene-d12	168293	15.521				

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BL			SDG No.:	BF082924
Lab Sample ID:	PB163024BL			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 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
BF139224.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BL			SDG No.:	BF082924
Lab Sample ID:	PB163024BL			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 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
BF139224.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BL			SDG No.:	BF082924
Lab Sample ID:	PB163024BL			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 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
BF139224.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140.319		18-112	94		SPK: -150
13127-88-3	Phenol-d6	138.127		15-107	92		SPK: -150
4165-60-0	Nitrobenzene-d5	95.997		18-107	96		SPK: -100
321-60-8	2-Fluorobiphenyl	92.745		20-109	93		SPK: -100

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BL			SDG No.:	BF082924
Lab Sample ID:	PB163024BL			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 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
BF139224.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.821		10-116		99	SPK: -150
1718-51-0	Terphenyl-d14	93.642		10-105		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98348	6.887				
1146-65-2	Naphthalene-d8	380318	8.169				
15067-26-2	Acenaphthene-d10	220485	9.922				
1517-22-2	Phenanthrene-d10	397900	11.41				
1719-03-5	Chrysene-d12	241971	14.045				
1520-96-3	Perylene-d12	188854	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	290	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.128	

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Hit Summary Sheet
SW-846

SDG No.: BF082924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : SSTDCCC040								
SSTDCCC040	SSTDCCC040	Water	1,1-Biphenyl	41,600.000		910	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2,4,5-Tetrachlorobenzene	41,400.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2,4-Trichlorobenzene	41,500.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2-Dichlorobenzene	40,400.000		880	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,3-Dichlorobenzene	40,800.000		800	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,4-Dichlorobenzene	39,900.000		840	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,4-Dioxane	39,300.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1-Methylnaphthalene	41,200.000		860	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,2-oxybis(1-Chloropropane)	40,700.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,3,4,6-Tetrachlorophenol	41,900.000		790	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4,5-Trichlorophenol	40,800.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4,6-Trichlorophenol	43,900.000		890	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dichlorophenol	41,500.000		880	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dimethylphenol	41,200.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrophenol	41,100.000		6400	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrotoluene	44,900.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,6-Dinitrotoluene	44,200.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Chloronaphthalene	41,500.000		970	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Chlorophenol	40,600.000		710	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Methylnaphthalene	41,100.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Methylphenol	40,600.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Nitroaniline	44,800.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Nitrophenol	45,300.000		2000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	3+4-Methylphenols	40,500.000		1200	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	3,3-Dichlorobenzidine	52,300.000		1300	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	3-Nitroaniline	43,000.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4,6-Dinitro-2-methylphenol	45,300.000		3100	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Bromophenyl-phenylether	43,100.000		950	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chloro-3-methylphenol	41,900.000		840	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chloroaniline	40,800.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chlorophenyl-phenylether	42,100.000		980	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Nitroaniline	41,000.000		2000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Nitrophenol	43,000.000		2000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acenaphthene	42,100.000		810	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acenaphthylene	41,700.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acetophenone	41,200.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Aniline	40,200.000		1600	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.: BF082924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC040	SSTDCCC040	Water	Anthracene	41,200.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Atrazine	30,600.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Azobenzene	41,700.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzaldehyde	40,700.000		4000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzidine	51,800.000		4100	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(a)anthracene	40,900.000		940	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(a)pyrene	41,800.000		1700	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(b)fluoranthene	42,100.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(g,h,i)perylene	41,100.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(k)fluoranthene	37,600.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzoic acid	44,700.000		5500	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzyl Alcohol	41,700.000		1600	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	bis(2-Chloroethoxy)methane	41,500.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	bis(2-Chloroethyl)ether	40,400.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Bis(2-ethylhexyl)phthalate	61,300.000		1900	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Butylbenzylphthalate	46,100.000		2100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Caprolactam	40,100.000		1700	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Carbazole	39,600.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Chrysene	42,100.000		860	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Di-n-butylphthalate	38,100.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Di-n-octyl phthalate	65,300.000		2500	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dibenzo(a,h)anthracene	41,200.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dibenzofuran	41,400.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Diethylphthalate	41,400.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dimethylphthalate	41,600.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Fluoranthene	37,800.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Fluorene	40,900.000		960	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorobenzene	42,700.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorobutadiene	41,900.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorocyclopentadiene	44,700.000		5000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachloroethane	41,700.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Indeno(1,2,3-cd)pyrene	41,700.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Isophorone	41,600.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitroso-di-n-propylamine	40,100.000		1500	2500	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitrosodimethylamine	41,400.000		1000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitrosodiphenylamine	41,700.000		890	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Naphthalene	41,100.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Nitrobenzene	42,600.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pentachlorophenol	43,400.000		1900	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Phenanthrene	41,200.000		890	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.: BF082924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC040	SSTDCCC040	Water	Phenol	40,600.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pyrene	42,100.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pyridine	41,000.000		1600	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	89,100.000		2700	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Total PAH	656,600.000		17360	80000	ug/L
			Total Svoc :	**4,128,300.00**				
			Total Concentration:	**4,128,300.00**				
Client ID :	**ICVBF082924**							
SSTDICV040	ICVBF082924	Water	1,1-Biphenyl	40,100.000		910	5000	ug/L
SSTDICV040	ICVBF082924	Water	1,2,4,5-Tetrachlorobenzene	39,300.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	1,2,4-Trichlorobenzene	39,800.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	1,2-Dichlorobenzene	39,200.000		880	5000	ug/L
SSTDICV040	ICVBF082924	Water	1,3-Dichlorobenzene	39,800.000		800	5000	ug/L
SSTDICV040	ICVBF082924	Water	1,4-Dichlorobenzene	39,700.000		840	5000	ug/L
SSTDICV040	ICVBF082924	Water	1,4-Dioxane	39,100.000		1300	5000	ug/L
SSTDICV040	ICVBF082924	Water	1-Methylnaphthalene	39,900.000		860	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,2-oxybis(1-Chloropropane)	39,700.000		1400	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,3,4,6-Tetrachlorophenol	41,500.000		790	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,4,5-Trichlorophenol	40,600.000		1000	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,4,6-Trichlorophenol	40,800.000		890	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,4-Dichlorophenol	40,900.000		880	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,4-Dimethylphenol	40,500.000		1500	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,4-Dinitrophenol	41,900.000		6400	10000	ug/L
SSTDICV040	ICVBF082924	Water	2,4-Dinitrotoluene	44,700.000		1500	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,6-Dinitrotoluene	43,000.000		1200	5000	ug/L
SSTDICV040	ICVBF082924	Water	2-Chloronaphthalene	39,900.000		970	5000	ug/L
SSTDICV040	ICVBF082924	Water	2-Chlorophenol	39,600.000		710	5000	ug/L
SSTDICV040	ICVBF082924	Water	2-Methylnaphthalene	40,300.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	2-Methylphenol	40,000.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	2-Nitroaniline	43,300.000		1400	5000	ug/L
SSTDICV040	ICVBF082924	Water	2-Nitrophenol	44,700.000		2000	5000	ug/L
SSTDICV040	ICVBF082924	Water	3+4-Methylphenols	39,500.000		1200	10000	ug/L
SSTDICV040	ICVBF082924	Water	3,3-Dichlorobenzidine	40,300.000		1300	10000	ug/L
SSTDICV040	ICVBF082924	Water	3-Nitroaniline	42,800.000		1400	5000	ug/L
SSTDICV040	ICVBF082924	Water	4,6-Dinitro-2-methylphenol	46,000.000		3100	10000	ug/L
SSTDICV040	ICVBF082924	Water	4-Bromophenyl-phenylether	40,200.000		950	5000	ug/L
SSTDICV040	ICVBF082924	Water	4-Chloro-3-methylphenol	41,300.000		840	5000	ug/L
SSTDICV040	ICVBF082924	Water	4-Chloroaniline	40,400.000		1300	5000	ug/L
SSTDICV040	ICVBF082924	Water	4-Chlorophenyl-phenylether	39,600.000		980	5000	ug/L
SSTDICV040	ICVBF082924	Water	4-Nitroaniline	42,900.000		2000	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.: BF082924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBF082924	Water	4-Nitrophenol	44,100.000		2000	10000	ug/L
SSTDICV040	ICVBF082924	Water	Acenaphthene	40,600.000		810	5000	ug/L
SSTDICV040	ICVBF082924	Water	Acenaphthylene	40,300.000		1000	5000	ug/L
SSTDICV040	ICVBF082924	Water	Acetophenone	40,200.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	Aniline	39,900.000		1600	5000	ug/L
SSTDICV040	ICVBF082924	Water	Anthracene	39,900.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	Atrazine	39,300.000		1300	5000	ug/L
SSTDICV040	ICVBF082924	Water	Azobenzene	40,300.000		1200	5000	ug/L
SSTDICV040	ICVBF082924	Water	Benzaldehyde	40,400.000		4000	10000	ug/L
SSTDICV040	ICVBF082924	Water	Benzidine	47,700.000		4100	10000	ug/L
SSTDICV040	ICVBF082924	Water	Benzo(a)anthracene	40,900.000		940	5000	ug/L
SSTDICV040	ICVBF082924	Water	Benzo(a)pyrene	41,300.000		1700	5000	ug/L
SSTDICV040	ICVBF082924	Water	Benzo(b)fluoranthene	41,800.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	Benzo(g,h,i)perylene	41,200.000		1200	5000	ug/L
SSTDICV040	ICVBF082924	Water	Benzo(k)fluoranthene	40,700.000		1200	5000	ug/L
SSTDICV040	ICVBF082924	Water	Benzoic acid	44,900.000		5500	10000	ug/L
SSTDICV040	ICVBF082924	Water	Benzyl Alcohol	40,200.000		1600	10000	ug/L
SSTDICV040	ICVBF082924	Water	bis(2-Chloroethoxy)methane	40,300.000		1000	5000	ug/L
SSTDICV040	ICVBF082924	Water	bis(2-Chloroethyl)ether	39,800.000		1200	5000	ug/L
SSTDICV040	ICVBF082924	Water	Bis(2-ethylhexyl)phthalate	42,000.000		1900	5000	ug/L
SSTDICV040	ICVBF082924	Water	Butylbenzylphthalate	46,400.000		2100	5000	ug/L
SSTDICV040	ICVBF082924	Water	Caprolactam	41,300.000		1700	10000	ug/L
SSTDICV040	ICVBF082924	Water	Carbazole	41,100.000		1200	5000	ug/L
SSTDICV040	ICVBF082924	Water	Chrysene	39,200.000		860	5000	ug/L
SSTDICV040	ICVBF082924	Water	Di-n-butylphthalate	42,800.000		1500	5000	ug/L
SSTDICV040	ICVBF082924	Water	Di-n-octyl phthalate	35,200.000		2500	10000	ug/L
SSTDICV040	ICVBF082924	Water	Dibenzo(a,h)anthracene	40,700.000		1200	5000	ug/L
SSTDICV040	ICVBF082924	Water	Dibenzofuran	40,200.000		930	5000	ug/L
SSTDICV040	ICVBF082924	Water	Diethylphthalate	40,600.000		1000	5000	ug/L
SSTDICV040	ICVBF082924	Water	Dimethylphthalate	40,600.000		930	5000	ug/L
SSTDICV040	ICVBF082924	Water	Fluoranthene	41,800.000		1300	5000	ug/L
SSTDICV040	ICVBF082924	Water	Fluorene	39,800.000		960	5000	ug/L
SSTDICV040	ICVBF082924	Water	Hexachlorobenzene	39,500.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	Hexachlorobutadiene	40,400.000		1300	5000	ug/L
SSTDICV040	ICVBF082924	Water	Hexachlorocyclopentadiene	41,600.000		5000	10000	ug/L
SSTDICV040	ICVBF082924	Water	Hexachloroethane	40,500.000		1000	5000	ug/L
SSTDICV040	ICVBF082924	Water	Indeno(1,2,3-cd)pyrene	41,000.000		1000	5000	ug/L
SSTDICV040	ICVBF082924	Water	Isophorone	40,700.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	n-Nitroso-di-n-propylamine	39,300.000		1500	2500	ug/L
SSTDICV040	ICVBF082924	Water	n-Nitrosodimethylamine	39,700.000		1000	10000	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: BF082924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBF082924	Water	n-Nitrosodiphenylamine	39,700.000		890	5000	ug/L
SSTDICV040	ICVBF082924	Water	Naphthalene	39,800.000		1000	5000	ug/L
SSTDICV040	ICVBF082924	Water	Nitrobenzene	41,200.000		1300	5000	ug/L
SSTDICV040	ICVBF082924	Water	Pentachlorophenol	42,800.000		1900	10000	ug/L
SSTDICV040	ICVBF082924	Water	Phenanthrene	39,800.000		890	5000	ug/L
SSTDICV040	ICVBF082924	Water	Phenol	40,300.000		930	5000	ug/L
SSTDICV040	ICVBF082924	Water	Pyrene	39,700.000		1100	5000	ug/L
SSTDICV040	ICVBF082924	Water	Pyridine	40,200.000		1600	5000	ug/L
SSTDICV040	ICVBF082924	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	87,700.000		2700	10000	ug/L
SSTDICV040	ICVBF082924	Water	Total PAH	648,500.000		17360	80000	ug/L
			Total Svoc :	**4,009,200.00**				
			Total Concentration:	**4,009,200.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG No.: BF082924

Instrument ID: Calibration Date(s): 8/29/2024

Calibration Time(s): 11:17

LAB FILE ID: RRF2.5 = BF139215.D RRF005 = BF139216.D RRF010 = BF139217.D
RRF020 = BF139218.D RRF040 = BF139219.D RRF050 = BF139220.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.744	0.733	0.784	0.757	0.733	0.750	2.6
Pyridine		1.449	1.428	1.470	1.387	1.316	1.388	4.8
2-Fluorophenol		1.316	1.279	1.322	1.252	1.170	1.248	5.1
Benzaldehyde			1.187	1.183	1.017	0.946	1.055	11.5
Aniline		1.655	1.588	1.598	1.524	1.430	1.524	6.2
Phenol-d6		1.774	1.722	1.734	1.645	1.560	1.655	5.6
Phenol		1.854	1.801	1.825	1.747	1.640	1.731	6.4
bis(2-Chloroethyl)ether		1.356	1.300	1.358	1.274	1.193	1.276	5.3
2-Chlorophenol		1.337	1.305	1.329	1.254	1.167	1.254	6.0
1,2-Dichlorobenzene		1.573	1.461	1.485	1.396	1.302	1.404	7.8
1,3-Dichlorobenzene		1.621	1.528	1.558	1.483	1.400	1.484	6.2
1,4-Dichlorobenzene		1.619	1.566	1.592	1.486	1.403	1.499	6.4
Benzyl Alcohol		1.357	1.304	1.362	1.312	1.221	1.289	4.9
2-Methylphenol		1.091	1.086	1.116	1.077	1.002	1.059	4.4
2,2-oxybis(1-Chloropropane)		1.958	1.868	1.934	1.804	1.701	1.813	6.3
Acetophenone		0.551	0.531	0.531	0.505	0.479	0.509	5.8
3+4-Methylphenols		1.494	1.448	1.470	1.369	1.267	1.372	7.5
n-Nitroso-di-n-propylamine	1.110	1.111	1.052	1.079	1.004	0.949	1.030	6.6
Nitrobenzene-d5		0.408	0.405	0.436	0.424	0.409	0.416	2.7
Hexachloroethane		0.537	0.522	0.552	0.520	0.500	0.519	4.0
Nitrobenzene		0.432	0.430	0.451	0.441	0.425	0.435	2.1
Isophorone		0.762	0.728	0.750	0.717	0.688	0.721	3.8
2-Nitrophenol		0.122	0.137	0.161	0.168	0.163	0.156	12.1
2,4-Dimethylphenol		0.233	0.228	0.240	0.230	0.221	0.229	3.0
bis(2-Chloroethoxy)methane		0.449	0.432	0.437	0.415	0.399	0.420	4.8
2,4-Dichlorophenol		0.304	0.298	0.309	0.295	0.282	0.294	3.7
1,2,4-Trichlorobenzene		0.361	0.345	0.354	0.337	0.319	0.337	5.0
Benzoic acid			0.150	0.194	0.211	0.213	0.203	13.9
Naphthalene		1.110	1.065	1.073	1.020	0.973	1.026	5.7
4-Chloroaniline		0.381	0.358	0.367	0.350	0.334	0.352	5.2
Hexachlorobutadiene		0.235	0.225	0.235	0.223	0.211	0.222	4.5
Caprolactam		0.090	0.087	0.092	0.088	0.085	0.088	3.0
4-Chloro-3-methylphenol		0.331	0.325	0.339	0.325	0.315	0.323	3.2
2-Methylnaphthalene		0.698	0.668	0.680	0.646	0.610	0.646	5.8
Hexachlorocyclopentadiene		0.183	0.188	0.211	0.225	0.218	0.208	7.8
2,4,6-Trichlorophenol		0.373	0.365	0.400	0.387	0.362	0.378	3.8

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.: BF082924 SAS No.: BF082924 SDG No.: BF082924

Instrument ID: Calibration Date(s): 8/29/2024

Calibration Time(s): 11:17

LAB FILE ID: RRF2.5 = BF139215.D RRF005 = BF139216.D RRF010 = BF139217.D
RRF020 = BF139218.D RRF040 = BF139219.D RRF050 = BF139220.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.443	1.341	1.358	1.282	1.190	1.284	7.9
2,4,5-Trichlorophenol		0.422	0.415	0.419	0.419	0.396	0.407	3.7
1,1-Biphenyl		1.543	1.470	1.505	1.448	1.355	1.433	5.5
2-Chloronaphthalene		1.219	1.161	1.197	1.147	1.081	1.138	5.2
2-Nitroaniline		0.298	0.323	0.361	0.377	0.360	0.350	8.2
Dimethylphthalate		1.357	1.265	1.314	1.260	1.179	1.252	5.4
Acenaphthylene		1.717	1.658	1.689	1.636	1.544	1.617	4.8
2,6-Dinitrotoluene		0.239	0.252	0.281	0.287	0.274	0.271	6.8
3-Nitroaniline		0.245	0.255	0.277	0.279	0.265	0.267	4.7
Acenaphthene		1.133	1.071	1.111	1.096	1.042	1.080	3.3
2,4-Dinitrophenol			0.069	0.101	0.124	0.131	0.119	24.6
4-Nitrophenol		0.178	0.188	0.212	0.219	0.207	0.204	7.5
Dibenzofuran		1.703	1.597	1.661	1.550	1.468	1.555	6.7
2,4-Dinitrotoluene		0.272	0.312	0.360	0.364	0.355	0.341	10.4
Diethylphthalate		1.290	1.206	1.259	1.205	1.134	1.197	5.2
4-Chlorophenyl-phenylether		0.684	0.640	0.642	0.617	0.582	0.618	6.6
Fluorene		1.381	1.280	1.298	1.218	1.152	1.231	7.6
4-Nitroaniline		0.242	0.252	0.281	0.275	0.260	0.262	5.2
4,6-Dinitro-2-methylphenol			0.066	0.087	0.105	0.106	0.099	19.0
n-Nitrosodiphenylamine		0.628	0.610	0.610	0.599	0.567	0.594	4.0
Azobenzene		1.395	1.357	1.376	1.341	1.246	1.319	4.8
2,4,6-Tribromophenol		0.199	0.193	0.208	0.206	0.196	0.201	2.7
4-Bromophenyl-phenylether		0.222	0.221	0.223	0.223	0.207	0.217	2.9
Hexachlorobenzene		0.244	0.239	0.250	0.241	0.227	0.238	3.5
Atrazine		0.178	0.174	0.163	0.142	0.117	0.148	19.4
Pentachlorophenol		0.129	0.140	0.155	0.162	0.154	0.150	7.8
Phenanthrene		1.093	1.056	1.047	1.001	0.953	1.006	6.1
Anthracene		1.053	1.021	1.032	0.987	0.929	0.982	5.7
Carbazole		0.937	0.907	0.915	0.873	0.824	0.866	6.6
Di-n-butylphthalate		0.985	0.957	0.989	0.925	0.876	0.926	5.8
Fluoranthene		1.121	1.086	1.068	0.982	0.910	0.990	10.5
Benzidine			0.301	0.409	0.458	0.402	0.395	13.0
Pyrene		1.936	1.848	1.995	2.038	1.907	1.922	4.3
Terphenyl-d14		1.410	1.362	1.460	1.461	1.358	1.387	4.5
Butylbenzylphthalate		0.399	0.416	0.463	0.474	0.451	0.448	6.4
3,3-Dichlorobenzidine		0.302	0.321	0.340	0.356	0.346	0.344	7.7

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.: BF082924 SAS No.: BF082924 SDG No.: BF082924

Instrument ID: Calibration Date(s): 8/29/2024

Calibration Time(s): 11:17

LAB FILE ID: RRF2.5 = BF139215.D RRF005 = BF139216.D RRF010 = BF139217.D
RRF020 = BF139218.D RRF040 = BF139219.D RRF050 = BF139220.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.384	1.322	1.351	1.359	1.227	1.310	4.5
Chrysene		1.294	1.241	1.278	1.181	1.181	1.219	4.4
Bis(2-ethylhexyl)phthalate		0.426	0.409	0.466	0.506	0.495	0.482	10.4
Di-n-octyl phthalate		0.743	0.707	0.827	0.975	0.989	0.911	16.8
Benzo(b)fluoranthene		1.326	1.212	1.183	1.207	1.179	1.198	6.1
Benzo(k)fluoranthene		1.127	1.121	1.130	1.020	0.918	1.045	8.1
Benzo(a)pyrene		1.046	0.997	1.029	1.027	0.977	1.010	2.6
Indeno(1,2,3-cd)pyrene		1.342	1.360	1.452	1.480	1.408	1.410	3.7
Dibenzo(a,h)anthracene		1.134	1.144	1.221	1.232	1.158	1.174	3.6
Benzo(g,h,i)perylene		1.123	1.143	1.225	1.246	1.176	1.183	3.9
1,2,4,5-Tetrachlorobenzene		0.653	0.595	0.615	0.599	0.565	0.594	5.6
1,4-Dioxane		0.579	0.544	0.561	0.545	0.519	0.546	3.6
2,3,4,6-Tetrachlorophenol		0.312	0.327	0.338	0.341	0.312	0.323	3.9
1-Methylnaphthalene		0.698	0.672	0.665	0.629	0.600	0.637	6.6

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.: BF082924 SAS No.: BF082924 SDG NO.: BF082924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BF139219.D Time Analyzed: 09:08

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	99889	6.887	365357	8.18	204684	9.93
	UPPER LIMIT	199778	7.387	730714	8.675	409368	10.428
	LOWER LIMIT	49944.5	6.387	182678.5	7.675	102342	9.428
	EPA SAMPLE NO.						
01	SSTDCCC040	92505	6.89	333697	8.18	188588	9.93
02	ICVBF082924	99322	6.89	359609	8.17	207366	9.93
03	PB163024BL	98348	6.89	380318	8.17	220485	9.92

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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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG NO.: BF082924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BF139219.D Time Analyzed: 16:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	99889	6.887	365357	8.18	204684	9.93
	UPPER LIMIT	199778	7.387	730714	8.675	409368	10.428
	LOWER LIMIT	49944.5	6.387	182678.5	7.675	102342	9.428
	EPA SAMPLE NO.						
01	ICVBF082924	99322	6.89	359609	8.17	207366	9.93
02	PB163024BL	98348	6.89	380318	8.17	220485	9.92

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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG NO.: BF082924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BF139219.D Time Analyzed: 09:08

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	352028	11.41	167517	14.045	166666	15.521
	UPPER LIMIT	704056	11.91	335034	14.545	333332	16.021
	LOWER LIMIT	176014	10.91	83758.5	13.545	83333	15.021
	EPA SAMPLE NO.						
01	SSTDCCC040	314618	11.41	143320	14.05	183990	15.52
02	ICVBF082924	358790	11.41	194113	14.05	168293	15.52
03	PB163024BL	397900	11.41	241971	14.05	188854	15.52

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG NO.: BF082924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BF139219.D Time Analyzed: 16:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	352028	11.41	167517	14.045	166666	15.521
	UPPER LIMIT	704056	11.91	335034	14.545	333332	16.021
	LOWER LIMIT	176014	10.91	83758.5	13.545	83333	15.021
	EPA SAMPLE NO.						
01	ICVBF082924	358790	11.41	194113	14.05	168293	15.52
02	PB163024BL	397900	11.41	241971	14.05	188854	15.52

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.

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTDCCC040

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG NO.: BF082924

Lab File ID: BF139214.D Lab Sample ID: SSTDCCC040

Instrument ID: BNA_F Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 08/29/2024

Level: (low/med) LOW Time Analyzed: 09:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTDCCC040	SSTDCCC040	BF139214.D	08/29/2024
ICVBF082924	SSTDICV040	BF139223.D	08/29/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163024BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF082924 SAS No.: BF082924 SDG NO.: BF082924

Lab File ID: BF139224.D Lab Sample ID: PB163024BL

Instrument ID: BNA_F Date Extracted: 08/28/2024

Matrix: (soil/water) Solid Date Analyzed: 08/29/2024

Level: (low/med) LOW Time Analyzed: 16:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BF082924

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC040	SSTDCCC040	BF139214.D	2-Fluorophenol	150	81,638.00	54425	*	10	139
			Phenol-d6	150	81,572.00	54381	*	10	134
			Nitrobenzene-d5	100	85,335.00	85335	*	49	133
			2-Fluorobiphenyl	100	82,742.00	82742	*	52	132
			2,4,6-Tribromophenol	150	83,727.00	55818	*	44	137
			Terphenyl-d14	100	81,878.00	81878	*	48	125
SSTDICV040	ICVBF082924	BF139223.D	2-Fluorophenol	150	79,660.00	53107	*	10	139
			Phenol-d6	150	79,650.00	53100	*	10	134
			Nitrobenzene-d5	100	83,440.00	83440	*	49	133
			2-Fluorobiphenyl	100	78,588.00	78588	*	52	132
			2,4,6-Tribromophenol	150	83,000.00	55333	*	44	137
			Terphenyl-d14	100	78,847.00	78847	*	48	125

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Surrogate Summary

SW-846

SDG No.: BF082924

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163024BL	PB163024BL	BF139224.D	2-Fluorophenol	150	140.32	94		18	112
			Phenol-d6	150	138.13	92		15	107
			Nitrobenzene-d5	100	96.00	96		18	107
			2-Fluorobiphenyl	100	92.75	93		20	109
			2,4,6-Tribromophenol	150	147.82	99		10	116
			Terphenyl-d14	100	93.64	94		10	105

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BF082924

Lab Code: CHEM SAS No.: BF082924 SDG NO.: BF082924

Lab File ID: BF139213.D DFTPP Injection Date: 08/29/2024

Instrument ID: BNA_F DFTPP Injection Time: 08:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.4
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	42.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	91.6
443	15.0 - 24.0% of mass 442	17.5 (19.1) 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
SSTDCCC040	SSTDCCC040	BF139214.D	08/29/2024	09:08
SSTDICC2.5	SSTDICC2.5	BF139215.D	08/29/2024	11:17
SSTDICC005	SSTDICC005	BF139216.D	08/29/2024	11:46
SSTDICC010	SSTDICC010	BF139217.D	08/29/2024	12:16
SSTDICC020	SSTDICC020	BF139218.D	08/29/2024	12:46
SSTDICCC040	SSTDICCC040	BF139219.D	08/29/2024	13:16
SSTDICC050	SSTDICC050	BF139220.D	08/29/2024	13:45
SSTDICC060	SSTDICC060	BF139221.D	08/29/2024	14:15
SSTDICC080	SSTDICC080	BF139222.D	08/29/2024	14:46
ICVBF082924	SSTDICV040	BF139223.D	08/29/2024	16:07
PB163024BL	PB163024BL	BF139224.D	08/29/2024	16:36