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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP090624 SAS No.: BP090624 SDG No.: BP090624

Instrument ID: BNA_P Calibration Date/Time: 9/6/2024 12: 14:41

Lab File ID: BP021852.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.578	0.540		-6.574	
Pyridine	1.712	1.596		-6.776	
2-Fluorophenol	1.421	1.375		-3.237	
Benzaldehyde	1.098	1.174		6.922	
Aniline	1.702	1.694		-0.47	
Phenol-d6	1.892	1.896		0.211	
Phenol	1.902	1.893		-0.473	20.0
bis(2-Chloroethyl)ether	1.513	1.514		0.066	
2-Chlorophenol	1.325	1.280		-3.396	
1,2-Dichlorobenzene	1.418	1.374		-3.103	
1,3-Dichlorobenzene	1.473	1.439		-2.308	
1,4-Dichlorobenzene	1.486	1.450		-2.423	20.0
Benzyl Alcohol	1.298	1.312		1.079	
2-Methylphenol	1.248	1.245		-0.24	
2,2-oxybis(1-Chloropropane)	1.394	1.410		1.148	
Acetophenone	0.591	0.580		-1.861	
3+4-Methylphenols	1.739	1.749		0.575	
n-Nitroso-di-n-propylamine	1.076	1.092	0.050	1.487	
Nitrobenzene-d5	0.430	0.430		0.0	
Hexachloroethane	0.611	0.605		-0.982	
Nitrobenzene	0.435	0.433		-0.46	
Isophorone	0.747	0.780		4.418	
2-Nitrophenol	0.157	0.164		4.459	20.0
2,4-Dimethylphenol	0.215	0.222		3.256	
bis(2-Chloroethoxy)methane	0.493	0.505		2.434	
2,4-Dichlorophenol	0.289	0.292		1.038	20.0
1,2,4-Trichlorobenzene	0.329	0.323		-1.824	
Benzoic acid	0.181	0.196		8.287	
Naphthalene	1.044	1.024		-1.916	
4-Chloroaniline	0.388	0.389		0.258	
Hexachlorobutadiene	0.204	0.202		-0.98	20.0
Caprolactam	0.123	0.124		0.813	
4-Chloro-3-methylphenol	0.403	0.408		1.241	20.0
2-Methylnaphthalene	0.684	0.625		-8.626	
Hexachlorocyclopentadiene	0.150	0.162	0.050	8.0	
2,4,6-Trichlorophenol	0.365	0.365		0.0	20.0
2-Fluorobiphenyl	1.248	1.212		-2.885	
2,4,5-Trichlorophenol	0.413	0.410		-0.726	
1,1-Biphenyl	1.390	1.364		-1.871	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP090624 SAS No.: BP090624 SDG No.: BP090624

Instrument ID: BNA_P Calibration Date/Time: 9/6/2024 12: 14:41

Lab File ID: BP021852.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.087	1.057		-2.76	
2-Nitroaniline	0.360	0.369		2.5	
Dimethylphthalate	1.372	1.349		-1.676	
Acenaphthylene	1.600	1.581		-1.188	
2,6-Dinitrotoluene	0.303	0.308		1.65	
3-Nitroaniline	0.314	0.318		1.274	
Acenaphthene	1.029	1.014		-1.458	20.0
2,4-Dinitrophenol	0.118	0.127	0.050	7.627	
4-Nitrophenol	0.273	0.280	0.050	2.564	
Dibenzofuran	1.641	1.616		-1.523	
2,4-Dinitrotoluene	0.415	0.432		4.096	
Diethylphthalate	1.389	1.401		0.864	
4-Chlorophenyl-phenylether	0.642	0.642		0.0	
Fluorene	1.315	1.296		-1.445	
4-Nitroaniline	0.330	0.345		4.545	
4,6-Dinitro-2-methylphenol	0.089	0.097		8.989	
n-Nitrosodiphenylamine	0.521	0.514		-1.344	20.0
Azobenzene	1.514	1.532		1.189	
2,4,6-Tribromophenol	0.237	0.239		0.844	
4-Bromophenyl-phenylether	0.187	0.189		1.07	
Hexachlorobenzene	0.224	0.221		-1.339	
Atrazine	0.131	0.155		18.321	
Pentachlorophenol	0.152	0.157		3.289	20.0
Phenanthrene	0.970	0.956		-1.443	
Anthracene	0.933	0.928		-0.536	
Carbazole	0.950	0.924		-2.737	
Di-n-butylphthalate	1.088	1.139		4.687	
Fluoranthene	1.208	1.189		-1.573	20.0
Benzidine	0.369	0.433		17.344	
Pyrene	1.319	1.302		-1.289	
Terphenyl-d14	0.974	0.986		1.232	
Butylbenzylphthalate	0.531	0.557		4.896	
3,3-Dichlorobenzidine	0.427	0.443		3.747	
Benzo(a)anthracene	1.264	1.244		-1.582	
Chrysene	1.201	1.169		-2.664	
Bis(2-ethylhexyl)phthalate	0.757	0.796		5.152	
Di-n-octyl phthalate	1.254	1.329		5.981	20.0
Benzo(b)fluoranthene	1.145	1.136		-0.786	
Benzo(k)fluoranthene	1.100	1.095		-0.455	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP090624 SAS No.: BP090624 SDG No.: BP090624

Instrument ID: BNA_P Calibration Date/Time: 9/6/2024 12: 14:41

Lab File ID: BP021852.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.980	0.911		-7.041	20.0
Indeno(1,2,3-cd)pyrene	1.283	1.228		-4.287	
Dibenzo(a,h)anthracene	1.056	1.001		-5.208	
Benzo(g,h,i)perylene	1.100	1.059		-3.727	
1,2,4,5-Tetrachlorobenzene	0.547	0.542		-0.914	
1,4-Dioxane	0.633	0.599		-5.371	20.0
2,3,4,6-Tetrachlorophenol	0.359	0.354		-1.393	
1-Methylnaphthalene	0.711	0.678		-4.641	

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.:	BP090624	
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
BP021847.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	36500		1000	8000	10000	ug/L
110-86-1	Pyridine	36500		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	42300		4000	8000	10000	ug/L
62-53-3	Aniline	40200		1600	4000	5000	ug/L
108-95-2	Phenol	40200		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	39800		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	38300		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	38700		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	38700		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	38700		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	40400		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	40300		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40200		1400	4000	5000	ug/L
98-86-2	Acetophenone	38400		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	41100		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40700		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	39300		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	39300		1300	4000	5000	ug/L
78-59-1	Isophorone	41800		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	41700		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	41000		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40700		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	40300		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	39300		1100	4000	5000	ug/L
65-85-0	Benzoic acid	23400		5500	8000	10000	ug/L
91-20-3	Naphthalene	38700		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	39900		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	39200		1300	4000	5000	ug/L

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTDCCC040		SDG No.:	BP090624	
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
BP021847.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	40000		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	40100		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	40300		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	43400		5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	40100		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	39200		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	39400		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	38800		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	41000		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	38900		930	4000	5000	ug/L
208-96-8	Acenaphthylene	39300		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	40300		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	40400		1400	4000	5000	ug/L
83-32-9	Acenaphthene	39200		810	4000	5000	ug/L
Total PAH	Total PAH	626300		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	36200		6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	40700		2000	8000	10000	ug/L
132-64-9	Dibenzofuran	38800		930	4000	5000	ug/L
121-14-2	2,4-Dinitrotoluene	41400		1500	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	81700		2700	4000	10000	ug/L
84-66-2	Diethylphthalate	40100		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39800		980	4000	5000	ug/L
86-73-7	Fluorene	39200		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	41300		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41600		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	40300		890	4000	5000	ug/L
103-33-3	Azobenzene	39900		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	41200		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	40300		1100	4000	5000	ug/L
1912-24-9	Atrazine	49300		1300	4000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC040			SDG No.:	BP090624
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
BP021847.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	42500		1900	8000	10000	ug/L
85-01-8	Phenanthrene	39100		890	4000	5000	ug/L
120-12-7	Anthracene	40000		1100	4000	5000	ug/L
86-74-8	Carbazole	39400		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	43200		1500	4000	5000	ug/L
206-44-0	Fluoranthene	39500		1300	4000	5000	ug/L
92-87-5	Benzidine	53100		4100	8000	10000	ug/L
129-00-0	Pyrene	40000		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	42300		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	42100		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	39300		940	4000	5000	ug/L
218-01-9	Chrysene	39100		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42900		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	43800		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	39700		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	38600		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	40300		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38100		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	37900		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	38300		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	36000		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	39500		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	38300		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	76052	*	10-139		50701	SPK: -150
13127-88-3	Phenol-d6	80020	*	10-134		53347	SPK: -150
4165-60-0	Nitrobenzene-d5	79382	*	49-133		79382	SPK: -100
321-60-8	2-Fluorobiphenyl	78179	*	52-132		78179	SPK: -100

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC040			SDG No.:	BP090624
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
BP021847.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78855	*	44-137		52570	SPK: -150
1718-51-0	Terphenyl-d14	80971	*	48-125		80971	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283024	7.763				
1146-65-2	Naphthalene-d8	1179103	10.54				
15067-26-2	Acenaphthene-d10	786090	14.381				
1517-22-2	Phenanthrene-d10	1684426	17.175				
1719-03-5	Chrysene-d12	1572821	21.604				
1520-96-3	Perylene-d12	1837856	24.951				

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	ICVBP090624		SDG No.:	BP090624	
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
BP021856.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	37700		1000	8000	10000	ug/L
110-86-1	Pyridine	37200		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	42500		4000	8000	10000	ug/L
62-53-3	Aniline	40900		1600	4000	5000	ug/L
108-95-2	Phenol	40700		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	40000		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	39000		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	38600		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	39000		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	38700		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	40400		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	40800		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39900		1400	4000	5000	ug/L
98-86-2	Acetophenone	39200		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	41200		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40900		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	39600		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	39700		1300	4000	5000	ug/L
78-59-1	Isophorone	41800		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	37800		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	36800		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	35300		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	36200		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	39100		1100	4000	5000	ug/L
65-85-0	Benzoic acid	44100		5500	8000	10000	ug/L
91-20-3	Naphthalene	38800		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	40200		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	38800		1300	4000	5000	ug/L

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	ICVBP090624		SDG No.:	BP090624	
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
BP021856.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	40800		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	40600		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	40000		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	42300		5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	40300		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	40000		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	39200		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	39200		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	42200		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	39100		930	4000	5000	ug/L
208-96-8	Acenaphthylene	40300		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	41300		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	41300		1400	4000	5000	ug/L
83-32-9	Acenaphthene	39000		810	4000	5000	ug/L
Total PAH	Total PAH	638200		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	41100		6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	42800		2000	8000	10000	ug/L
132-64-9	Dibenzofuran	39400		930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	83300		2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	42000		1500	4000	5000	ug/L
84-66-2	Diethylphthalate	40200		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39700		980	4000	5000	ug/L
86-73-7	Fluorene	39600		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	42100		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49300		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	48600		890	4000	5000	ug/L
103-33-3	Azobenzene	40400		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	49400		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	48100		1100	4000	5000	ug/L
1912-24-9	Atrazine	56300		1300	4000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBP090624			SDG No.:	BP090624
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
BP021856.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50700		1900	8000	10000	ug/L
85-01-8	Phenanthrene	38200		890	4000	5000	ug/L
120-12-7	Anthracene	38700		1100	4000	5000	ug/L
86-74-8	Carbazole	39800		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	49500		1500	4000	5000	ug/L
206-44-0	Fluoranthene	48400		1300	4000	5000	ug/L
92-87-5	Benzidine	39300		4100	8000	10000	ug/L
129-00-0	Pyrene	39600		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	40700		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	41100		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	39700		940	4000	5000	ug/L
218-01-9	Chrysene	39500		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40800		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	41300		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	40500		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	39400		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	40600		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38600		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	38400		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	38900		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39400		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	36900		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	39300		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	38400		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	77149	*	10-139		51433	SPK: -150
13127-88-3	Phenol-d6	81470	*	10-134		54313	SPK: -150
4165-60-0	Nitrobenzene-d5	80420	*	49-133		80420	SPK: -100
321-60-8	2-Fluorobiphenyl	78724	*	52-132		78724	SPK: -100

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBP090624			SDG No.:	BP090624
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
BP021856.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80034	*	44-137		53356	SPK: -150
1718-51-0	Terphenyl-d14	77804	*	48-125		77804	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281318	7.758				
1146-65-2	Naphthalene-d8	1165718	10.534				
15067-26-2	Acenaphthene-d10	763838	14.381				
1517-22-2	Phenanthrene-d10	1370505	17.169				
1719-03-5	Chrysene-d12	1605376	21.61				
1520-96-3	Perylene-d12	1824746	24.939				

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Report of Analysis

Client:				Date Collected:	8/30/2024 12:00:00 AM
Project:				Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	PB163076BL			SDG No.:	BP090624
Lab Sample ID:	PB163076BL			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
BP021857.D	1	8/30/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163076

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:	8/30/2024 12:00:00 AM
Project:				Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	PB163076BL			SDG No.:	BP090624
Lab Sample ID:	PB163076BL			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
BP021857.D	1	8/30/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163076

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	169.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	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:	8/30/2024 12:00:00 AM
Project:				Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	PB163076BL			SDG No.:	BP090624
Lab Sample ID:	PB163076BL			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
BP021857.D	1	8/30/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163076

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	188.669	*	18-112		126	SPK: -150
13127-88-3	Phenol-d6	138.593		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	102.796		18-107		103	SPK: -100
321-60-8	2-Fluorobiphenyl	103.26		20-109		103	SPK: -100

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Report of Analysis

Client:				Date Collected:	8/30/2024 12:00:00 AM
Project:				Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	PB163076BL			SDG No.:	BP090624
Lab Sample ID:	PB163076BL			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
BP021857.D	1	8/30/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.724		10-116		103	SPK: -150
1718-51-0	Terphenyl-d14	105.441		10-105		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178109	7.757				
1146-65-2	Naphthalene-d8	844112	10.534				
15067-26-2	Acenaphthene-d10	515526	14.381				
1517-22-2	Phenanthrene-d10	1124021	17.163				
1719-03-5	Chrysene-d12	1104919	21.61				
1520-96-3	Perylene-d12	937288	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			4.911	

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Hit Summary Sheet
SW-846

SDG No.: BP090624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : SSTDCCC040								
SSTDCCC040	SSTDCCC040	Water	1,1-Biphenyl	39,400.000		910	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2,4,5-Tetrachlorobenzene	39,300.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2,4-Trichlorobenzene	39,300.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2-Dichlorobenzene	38,700.000		880	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,3-Dichlorobenzene	38,700.000		800	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,4-Dichlorobenzene	38,700.000		840	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,4-Dioxane	36,000.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1-Methylnaphthalene	38,300.000		860	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,2-oxybis(1-Chloropropane)	40,200.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,3,4,6-Tetrachlorophenol	39,500.000		790	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4,5-Trichlorophenol	39,200.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4,6-Trichlorophenol	40,100.000		890	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dichlorophenol	40,300.000		880	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dimethylphenol	41,000.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrophenol	36,200.000		6400	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrotoluene	41,400.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,6-Dinitrotoluene	40,300.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Chloronaphthalene	38,800.000		970	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Chlorophenol	38,300.000		710	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Methylnaphthalene	40,300.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Methylphenol	40,300.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Nitroaniline	41,000.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Nitrophenol	41,700.000		2000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	3+4-Methylphenols	41,100.000		1200	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	3,3-Dichlorobenzidine	42,100.000		1300	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	3-Nitroaniline	40,400.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4,6-Dinitro-2-methylphenol	41,600.000		3100	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Bromophenyl-phenylether	41,200.000		950	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chloro-3-methylphenol	40,100.000		840	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chloroaniline	39,900.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chlorophenyl-phenylether	39,800.000		980	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Nitroaniline	41,300.000		2000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Nitrophenol	40,700.000		2000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acenaphthene	39,200.000		810	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acenaphthylene	39,300.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acetophenone	38,400.000		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.: BP090624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC040	SSTDCCC040	Water	Anthracene	40,000.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Atrazine	49,300.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Azobenzene	39,900.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzaldehyde	42,300.000		4000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzidine	53,100.000		4100	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(a)anthracene	39,300.000		940	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(a)pyrene	40,300.000		1700	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(b)fluoranthene	39,700.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(g,h,i)perylene	38,300.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(k)fluoranthene	38,600.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzoic acid	23,400.000		5500	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzyl Alcohol	40,400.000		1600	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	bis(2-Chloroethoxy)methane	40,700.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	bis(2-Chloroethyl)ether	39,800.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Bis(2-ethylhexyl)phthalate	42,900.000		1900	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Butylbenzylphthalate	42,300.000		2100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Caprolactam	40,000.000		1700	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Carbazole	39,400.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Chrysene	39,100.000		860	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Di-n-butylphthalate	43,200.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Di-n-octyl phthalate	43,800.000		2500	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dibenzo(a,h)anthracene	37,900.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dibenzofuran	38,800.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Diethylphthalate	40,100.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dimethylphthalate	38,900.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Fluoranthene	39,500.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Fluorene	39,200.000		960	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorobenzene	40,300.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorobutadiene	39,200.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorocyclopentadiene	43,400.000		5000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachloroethane	39,300.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Indeno(1,2,3-cd)pyrene	38,100.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Isophorone	41,800.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitroso-di-n-propylamine	40,700.000		1500	2500	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitrosodimethylamine	36,500.000		1000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitrosodiphenylamine	40,300.000		890	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Naphthalene	38,700.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Nitrobenzene	39,300.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pentachlorophenol	42,500.000		1900	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Phenanthrene	39,100.000		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.: BP090624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC040	SSTDCCC040	Water	Phenol	40,200.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pyrene	40,000.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pyridine	36,500.000		1600	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	81,700.000		2700	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Total PAH	626,300.000		17360	80000	ug/L
			Total Svoc :	**3,906,400.00**				
			Total Concentration:	**3,906,400.00**				
Client ID :	**ICVBP090624**							
SSTDICV040	ICVBP090624	Water	1,1-Biphenyl	39,200.000		910	5000	ug/L
SSTDICV040	ICVBP090624	Water	1,2,4,5-Tetrachlorobenzene	39,400.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	1,2,4-Trichlorobenzene	39,100.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	1,2-Dichlorobenzene	38,600.000		880	5000	ug/L
SSTDICV040	ICVBP090624	Water	1,3-Dichlorobenzene	39,000.000		800	5000	ug/L
SSTDICV040	ICVBP090624	Water	1,4-Dichlorobenzene	38,700.000		840	5000	ug/L
SSTDICV040	ICVBP090624	Water	1,4-Dioxane	36,900.000		1300	5000	ug/L
SSTDICV040	ICVBP090624	Water	1-Methylnaphthalene	38,400.000		860	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,2-oxybis(1-Chloropropane)	39,900.000		1400	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,3,4,6-Tetrachlorophenol	39,300.000		790	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,4,5-Trichlorophenol	40,000.000		1000	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,4,6-Trichlorophenol	40,300.000		890	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,4-Dichlorophenol	36,200.000		880	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,4-Dimethylphenol	36,800.000		1500	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,4-Dinitrophenol	41,100.000		6400	10000	ug/L
SSTDICV040	ICVBP090624	Water	2,4-Dinitrotoluene	42,000.000		1500	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,6-Dinitrotoluene	41,300.000		1200	5000	ug/L
SSTDICV040	ICVBP090624	Water	2-Chloronaphthalene	39,200.000		970	5000	ug/L
SSTDICV040	ICVBP090624	Water	2-Chlorophenol	39,000.000		710	5000	ug/L
SSTDICV040	ICVBP090624	Water	2-Methylnaphthalene	40,000.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	2-Methylphenol	40,800.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	2-Nitroaniline	42,200.000		1400	5000	ug/L
SSTDICV040	ICVBP090624	Water	2-Nitrophenol	37,800.000		2000	5000	ug/L
SSTDICV040	ICVBP090624	Water	3+4-Methylphenols	41,200.000		1200	10000	ug/L
SSTDICV040	ICVBP090624	Water	3,3-Dichlorobenzidine	41,100.000		1300	10000	ug/L
SSTDICV040	ICVBP090624	Water	3-Nitroaniline	41,300.000		1400	5000	ug/L
SSTDICV040	ICVBP090624	Water	4,6-Dinitro-2-methylphenol	49,300.000		3100	10000	ug/L
SSTDICV040	ICVBP090624	Water	4-Bromophenyl-phenylether	49,400.000		950	5000	ug/L
SSTDICV040	ICVBP090624	Water	4-Chloro-3-methylphenol	40,600.000		840	5000	ug/L
SSTDICV040	ICVBP090624	Water	4-Chloroaniline	40,200.000		1300	5000	ug/L
SSTDICV040	ICVBP090624	Water	4-Chlorophenyl-phenylether	39,700.000		980	5000	ug/L
SSTDICV040	ICVBP090624	Water	4-Nitroaniline	42,100.000		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.: BP090624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBP090624	Water	4-Nitrophenol	42,800.000		2000	10000	ug/L
SSTDICV040	ICVBP090624	Water	Acenaphthene	39,000.000		810	5000	ug/L
SSTDICV040	ICVBP090624	Water	Acenaphthylene	40,300.000		1000	5000	ug/L
SSTDICV040	ICVBP090624	Water	Acetophenone	39,200.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	Aniline	40,900.000		1600	5000	ug/L
SSTDICV040	ICVBP090624	Water	Anthracene	38,700.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	Atrazine	56,300.000		1300	5000	ug/L
SSTDICV040	ICVBP090624	Water	Azobenzene	40,400.000		1200	5000	ug/L
SSTDICV040	ICVBP090624	Water	Benzaldehyde	42,500.000		4000	10000	ug/L
SSTDICV040	ICVBP090624	Water	Benzidine	39,300.000		4100	10000	ug/L
SSTDICV040	ICVBP090624	Water	Benzo(a)anthracene	39,700.000		940	5000	ug/L
SSTDICV040	ICVBP090624	Water	Benzo(a)pyrene	40,600.000		1700	5000	ug/L
SSTDICV040	ICVBP090624	Water	Benzo(b)fluoranthene	40,500.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	Benzo(g,h,i)perylene	38,900.000		1200	5000	ug/L
SSTDICV040	ICVBP090624	Water	Benzo(k)fluoranthene	39,400.000		1200	5000	ug/L
SSTDICV040	ICVBP090624	Water	Benzoic acid	44,100.000		5500	10000	ug/L
SSTDICV040	ICVBP090624	Water	Benzyl Alcohol	40,400.000		1600	10000	ug/L
SSTDICV040	ICVBP090624	Water	bis(2-Chloroethoxy)methane	35,300.000		1000	5000	ug/L
SSTDICV040	ICVBP090624	Water	bis(2-Chloroethyl)ether	40,000.000		1200	5000	ug/L
SSTDICV040	ICVBP090624	Water	Bis(2-ethylhexyl)phthalate	40,800.000		1900	5000	ug/L
SSTDICV040	ICVBP090624	Water	Butylbenzylphthalate	40,700.000		2100	5000	ug/L
SSTDICV040	ICVBP090624	Water	Caprolactam	40,800.000		1700	10000	ug/L
SSTDICV040	ICVBP090624	Water	Carbazole	39,800.000		1200	5000	ug/L
SSTDICV040	ICVBP090624	Water	Chrysene	39,500.000		860	5000	ug/L
SSTDICV040	ICVBP090624	Water	Di-n-butylphthalate	49,500.000		1500	5000	ug/L
SSTDICV040	ICVBP090624	Water	Di-n-octyl phthalate	41,300.000		2500	10000	ug/L
SSTDICV040	ICVBP090624	Water	Dibenzo(a,h)anthracene	38,400.000		1200	5000	ug/L
SSTDICV040	ICVBP090624	Water	Dibenzofuran	39,400.000		930	5000	ug/L
SSTDICV040	ICVBP090624	Water	Diethylphthalate	40,200.000		1000	5000	ug/L
SSTDICV040	ICVBP090624	Water	Dimethylphthalate	39,100.000		930	5000	ug/L
SSTDICV040	ICVBP090624	Water	Fluoranthene	48,400.000		1300	5000	ug/L
SSTDICV040	ICVBP090624	Water	Fluorene	39,600.000		960	5000	ug/L
SSTDICV040	ICVBP090624	Water	Hexachlorobenzene	48,100.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	Hexachlorobutadiene	38,800.000		1300	5000	ug/L
SSTDICV040	ICVBP090624	Water	Hexachlorocyclopentadiene	42,300.000		5000	10000	ug/L
SSTDICV040	ICVBP090624	Water	Hexachloroethane	39,600.000		1000	5000	ug/L
SSTDICV040	ICVBP090624	Water	Indeno(1,2,3-cd)pyrene	38,600.000		1000	5000	ug/L
SSTDICV040	ICVBP090624	Water	Isophorone	41,800.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	n-Nitroso-di-n-propylamine	40,900.000		1500	2500	ug/L
SSTDICV040	ICVBP090624	Water	n-Nitrosodimethylamine	37,700.000		1000	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.: BP090624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBP090624	Water	n-Nitrosodiphenylamine	48,600.000		890	5000	ug/L
SSTDICV040	ICVBP090624	Water	Naphthalene	38,800.000		1000	5000	ug/L
SSTDICV040	ICVBP090624	Water	Nitrobenzene	39,700.000		1300	5000	ug/L
SSTDICV040	ICVBP090624	Water	Pentachlorophenol	50,700.000		1900	10000	ug/L
SSTDICV040	ICVBP090624	Water	Phenanthrene	38,200.000		890	5000	ug/L
SSTDICV040	ICVBP090624	Water	Phenol	40,700.000		930	5000	ug/L
SSTDICV040	ICVBP090624	Water	Pyrene	39,600.000		1100	5000	ug/L
SSTDICV040	ICVBP090624	Water	Pyridine	37,200.000		1600	5000	ug/L
SSTDICV040	ICVBP090624	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	83,300.000		2700	10000	ug/L
SSTDICV040	ICVBP090624	Water	Total PAH	638,200.000		17360	80000	ug/L
			Total Svoc :	**3,988,700.00**				
			Total Concentration:	**3,988,700.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP090624 SAS No.: BP090624 SDG No.: BP090624

Instrument ID: Calibration Date(s): 9/6/2024 1:

Calibration Time(s): 11:54

LAB FILE ID: RRF2.5 = BP021848.D RRF005 = BP021849.D RRF010 = BP021850.D
RRF020 = BP021851.D RRF040 = BP021852.D RRF050 = BP021853.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.592	0.570	0.579	0.540	0.667	0.578	7.5
Pyridine		1.684	1.676	1.722	1.596	2.005	1.712	7.9
2-Fluorophenol		1.458	1.416	1.439	1.375	1.662	1.421	9.7
Benzaldehyde		1.275	1.236	1.227	1.174	1.107	1.098	19.4
Aniline		1.791	1.807	1.855	1.694	1.809	1.702	11.7
Phenol-d6		1.918	1.927	2.000	1.896	2.039	1.892	9.4
Phenol		1.956	1.960	2.001	1.893	2.018	1.902	9.4
bis(2-Chloroethyl)ether		1.592	1.567	1.577	1.514	1.661	1.513	10.9
2-Chlorophenol		1.390	1.334	1.373	1.280	1.386	1.325	5.2
1,2-Dichlorobenzene		1.532	1.465	1.493	1.374	1.342	1.418	5.5
1,3-Dichlorobenzene		1.584	1.498	1.525	1.439	1.415	1.473	4.6
1,4-Dichlorobenzene		1.569	1.533	1.556	1.450	1.421	1.486	4.5
Benzyl Alcohol		1.244	1.291	1.340	1.312	1.243	1.298	3.3
2-Methylphenol		1.232	1.240	1.309	1.245	1.196	1.248	3.0
2,2-oxybis(1-Chloropropane)		1.469	1.458	1.468	1.410	1.266	1.394	5.8
Acetophenone		0.620	0.603	0.614	0.580	0.563	0.591	3.7
3+4-Methylphenols		1.642	1.723	1.830	1.749	1.681	1.739	3.8
n-Nitroso-di-n-propylamine	1.038	1.086	1.113	1.156	1.092	0.982	1.076	4.9
Nitrobenzene-d5		0.429	0.424	0.449	0.430	0.411	0.430	2.8
Hexachloroethane		0.646	0.611	0.631	0.605	0.589	0.611	3.6
Nitrobenzene		0.442	0.436	0.461	0.433	0.406	0.435	3.8
Isophorone		0.736	0.746	0.798	0.780	0.725	0.747	5.3
2-Nitrophenol		0.143	0.144	0.160	0.164	0.164	0.157	6.8
2,4-Dimethylphenol		0.209	0.209	0.227	0.222	0.218	0.215	4.9
bis(2-Chloroethoxy)methane		0.503	0.494	0.518	0.505	0.466	0.493	3.6
2,4-Dichlorophenol		0.274	0.276	0.296	0.292	0.295	0.289	3.3
1,2,4-Trichlorobenzene		0.351	0.329	0.335	0.323	0.318	0.329	3.3
Benzoic acid			0.068	0.112	0.196	0.218	0.181	42.6
Naphthalene		1.105	1.057	1.079	1.024	1.007	1.044	3.6
4-Chloroaniline		0.376	0.386	0.410	0.389	0.387	0.388	2.8
Hexachlorobutadiene		0.210	0.203	0.208	0.202	0.206	0.204	2.3
Caprolactam		0.111	0.116	0.131	0.124	0.125	0.123	6.0
4-Chloro-3-methylphenol		0.372	0.384	0.416	0.408	0.420	0.403	4.5
2-Methylnaphthalene		0.694	0.683	0.720	0.625	0.703	0.684	4.4
Hexachlorocyclopentadiene		0.126	0.128	0.144	0.162	0.157	0.150	11.3
2,4,6-Trichlorophenol		0.363	0.347	0.363	0.365	0.367	0.365	2.7

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.: BP090624 SAS No.: BP090624 SDG No.: BP090624

Instrument ID: Calibration Date(s): 9/6/2024 1:

Calibration Time(s): 11:54

LAB FILE ID: RRF2.5 = BP021848.D RRF005 = BP021849.D RRF010 = BP021850.D
RRF020 = BP021851.D RRF040 = BP021852.D RRF050 = BP021853.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.338	1.282	1.279	1.212	1.209	1.248	4.5
2,4,5-Trichlorophenol		0.415	0.405	0.411	0.410	0.410	0.413	1.8
1,1-Biphenyl		1.476	1.400	1.417	1.364	1.352	1.390	3.4
2-Chloronaphthalene		1.158	1.087	1.103	1.057	1.056	1.087	3.4
2-Nitroaniline		0.307	0.331	0.372	0.369	0.373	0.360	8.2
Dimethylphthalate		1.440	1.373	1.417	1.349	1.326	1.372	3.3
Acenaphthylene		1.572	1.571	1.644	1.581	1.588	1.600	1.8
2,6-Dinitrotoluene		0.277	0.286	0.308	0.308	0.307	0.303	5.3
3-Nitroaniline		0.275	0.287	0.324	0.318	0.325	0.314	7.5
Acenaphthene		1.085	1.020	1.047	1.014	1.006	1.029	2.8
2,4-Dinitrophenol			0.041	0.082	0.127	0.139	0.118	40.4
4-Nitrophenol		0.233	0.244	0.277	0.280	0.286	0.273	9.0
Dibenzofuran		1.723	1.682	1.687	1.616	1.582	1.641	3.7
2,4-Dinitrotoluene		0.346	0.380	0.422	0.432	0.432	0.415	9.1
Diethylphthalate		1.430	1.401	1.435	1.401	1.369	1.389	4.4
4-Chlorophenyl-phenylether		0.690	0.659	0.668	0.642	0.624	0.642	6.7
Fluorene		1.405	1.364	1.392	1.296	1.286	1.315	6.7
4-Nitroaniline		0.295	0.311	0.344	0.345	0.340	0.330	7.4
4,6-Dinitro-2-methylphenol			0.053	0.081	0.097	0.099	0.089	21.9
n-Nitrosodiphenylamine		0.533	0.528	0.541	0.514	0.508	0.521	2.7
Azobenzene		1.446	1.543	1.588	1.532	1.517	1.514	3.7
2,4,6-Tribromophenol		0.242	0.231	0.242	0.239	0.232	0.237	2.7
4-Bromophenyl-phenylether		0.188	0.182	0.189	0.189	0.185	0.187	1.5
Hexachlorobenzene		0.234	0.223	0.226	0.221	0.219	0.224	2.3
Atrazine		0.180	0.170	0.151	0.155	0.099	0.131	33.0
Pentachlorophenol		0.135	0.138	0.153	0.157	0.154	0.152	7.4
Phenanthrene		1.028	0.985	0.991	0.956	0.920	0.970	3.7
Anthracene		0.943	0.946	0.967	0.928	0.902	0.933	2.3
Carbazole		0.967	0.983	0.981	0.924	0.924	0.950	2.8
Di-n-butylphthalate		1.070	1.062	1.113	1.139	1.101	1.088	3.3
Fluoranthene		1.265	1.216	1.251	1.189	1.164	1.208	3.2
Benzidine		0.337	0.309	0.341	0.433	0.383	0.369	17.4
Pyrene		1.356	1.304	1.359	1.302	1.255	1.319	2.7
Terphenyl-d14		0.997	1.001	0.999	0.986	0.939	0.974	3.2
Butylbenzylphthalate		0.480	0.491	0.536	0.557	0.533	0.531	6.3
3,3-Dichlorobenzidine		0.398	0.403	0.440	0.443	0.425	0.427	4.6

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP090624 SAS No.: BP090624 SDG No.: BP090624

Instrument ID: Calibration Date(s): 9/6/2024 1:

Calibration Time(s): 11:54

LAB FILE ID: RRF2.5 = BP021848.D RRF005 = BP021849.D RRF010 = BP021850.D
RRF020 = BP021851.D RRF040 = BP021852.D RRF050 = BP021853.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.291	1.271	1.311	1.244	1.215	1.264	2.5
Chrysene		1.252	1.225	1.249	1.169	1.159	1.201	3.3
Bis(2-ethylhexyl)phthalate		0.693	0.715	0.755	0.796	0.762	0.757	5.4
Di-n-octyl phthalate		1.076	1.120	1.235	1.329	1.306	1.254	9.2
Benzo(b)fluoranthene		1.147	1.118	1.165	1.136	1.133	1.145	2.0
Benzo(k)fluoranthene		1.116	1.115	1.176	1.095	1.056	1.100	3.9
Benzo(a)pyrene		0.969	0.962	1.020	0.911	0.984	0.980	3.9
Indeno(1,2,3-cd)pyrene		1.244	1.209	1.275	1.228	1.214	1.283	9.0
Dibenzo(a,h)anthracene		1.039	1.004	1.053	1.001	0.998	1.056	8.5
Benzo(g,h,i)perylene		1.060	1.021	1.077	1.059	1.050	1.100	9.4
1,2,4,5-Tetrachlorobenzene		0.574	0.533	0.546	0.542	0.534	0.547	2.8
1,4-Dioxane		0.666	0.627	0.634	0.599	0.719	0.633	7.3
2,3,4,6-Tetrachlorophenol		0.375	0.360	0.367	0.354	0.351	0.359	2.5
1-Methylnaphthalene		0.696	0.693	0.724	0.678	0.833	0.711	7.9

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP090624 SAS No.: BP090624 SDG NO.: BP090624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BP021852.D Time Analyzed: 11:12

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	285025	7.763	1.16589e+0(	10.54	774757	14.38
	UPPER LIMIT	570050	8.263	2331780	11.04	1549514	14.881
	LOWER LIMIT	142512.5	7.263	582945	10.04	387378.5	13.881
	EPA SAMPLE NO.						
01	SSTDCCC040	283024	7.76	1.1791e+	10.54	786090	14.38
02	ICVBP090624	281318	7.76	1.16572e	10.53	763838	14.38
03	PB163076BL	178109	7.76	844112	10.53	515526	14.38

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.: BP090624 SAS No.: BP090624 SDG NO.: BP090624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BP021852.D Time Analyzed: 18:17

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	285025	7.763	1.16589e+0(	10.54	774757	14.38
	UPPER LIMIT	570050	8.263	2331780	11.04	1549514	14.881
	LOWER LIMIT	142512.5	7.263	582945	10.04	387378.5	13.881
	EPA SAMPLE NO.						
01	ICVBP090624	281318	7.76	1.16572e	10.53	763838	14.38
02	PB163076BL	178109	7.76	844112	10.53	515526	14.38

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.: BP090624 SAS No.: BP090624 SDG NO.: BP090624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BP021852.D Time Analyzed: 11:12

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	1.68827e+0(	17.175	1.60631e+	21.616	1.83213e+0(	24.951
	UPPER LIMIT	3376540	17.675	3212620	22.116	3664260	25.451
	LOWER LIMIT	844135	16.675	803155	21.116	916065	24.451
	EPA SAMPLE NO.						
01	SSTDCCC040	1.68443	17.18	1.57282e+	21.60	1.83786e+	24.95
02	ICVBP090624	1.37051	17.17	1.60538e+	21.61	1.82475e+	24.94
03	PB163076BL	1.12402	17.16	1.10492e+	21.61	937288	24.94

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.: BP090624 SAS No.: BP090624 SDG NO.: BP090624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BP021852.D Time Analyzed: 18:17

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	1.68827e+0(	17.175	1.60631e+	21.616	1.83213e+0(	24.951
	UPPER LIMIT	3376540	17.675	3212620	22.116	3664260	25.451
	LOWER LIMIT	844135	16.675	803155	21.116	916065	24.451
	EPA SAMPLE NO.						
01	ICVBP090624	1.37051	17.17	1.60538e+	21.61	1.82475e+	24.94
02	PB163076BL	1.12402	17.16	1.10492e+	21.61	937288	24.94

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.: BP090624 SAS No.: BP090624 SDG NO.: BP090624

Lab File ID: BP021847.D Lab Sample ID: SSTDCCC040

Instrument ID: BNA_P Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 09/06/2024

Level: (low/med) LOW Time Analyzed: 11:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTDCCC040	SSTDCCC040	BP021847.D	09/06/2024
ICVBP090624	SSTDICV040	BP021856.D	09/06/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163076BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP090624 SAS No.: BP090624 SDG NO.: BP090624

Lab File ID: BP021857.D Lab Sample ID: PB163076BL

Instrument ID: BNA_P Date Extracted: 08/30/2024

Matrix: (soil/water) Solid Date Analyzed: 09/06/2024

Level: (low/med) LOW Time Analyzed: 19:01

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.: BP090624

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC040	SSTDCCC040	BP021847.D	2-Fluorophenol	150	76,052.00	50701	*	10	139
			Phenol-d6	150	80,020.00	53347	*	10	134
			Nitrobenzene-d5	100	79,382.00	79382	*	49	133
			2-Fluorobiphenyl	100	78,179.00	78179	*	52	132
			2,4,6-Tribromophenol	150	78,855.00	52570	*	44	137
			Terphenyl-d14	100	80,971.00	80971	*	48	125
SSTDICV040	ICVBP090624	BP021856.D	2-Fluorophenol	150	77,149.00	51433	*	10	139
			Phenol-d6	150	81,470.00	54313	*	10	134
			Nitrobenzene-d5	100	80,420.00	80420	*	49	133
			2-Fluorobiphenyl	100	78,724.00	78724	*	52	132
			2,4,6-Tribromophenol	150	80,034.00	53356	*	44	137
			Terphenyl-d14	100	77,804.00	77804	*	48	125

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Surrogate Summary

SW-846

SDG No.: BP090624

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163076BL	PB163076BL	BP021857.D	2-Fluorophenol	150	188.67	126	*	18	112
			Phenol-d6	150	138.59	92		15	107
			Nitrobenzene-d5	100	102.80	103		18	107
			2-Fluorobiphenyl	100	103.26	103		20	109
			2,4,6-Tribromophenol	150	154.72	103		10	116
			Terphenyl-d14	100	105.44	105		10	105

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP090624

Lab Code: CHEM SAS No.: BP090624 SDG NO.: BP090624

Lab File ID: BP021846.D DFTPP Injection Date: 09/06/2024

Instrument ID: BNA_P DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.3
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	31.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	38.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	26.3
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (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	BP021847.D	09/06/2024	11:12
SSTDICC2.5	SSTDICC2.5	BP021848.D	09/06/2024	11:54
SSTDICC005	SSTDICC005	BP021849.D	09/06/2024	12:35
SSTDICC010	SSTDICC010	BP021850.D	09/06/2024	13:18
SSTDICC020	SSTDICC020	BP021851.D	09/06/2024	13:59
SSTDICCC040	SSTDICCC040	BP021852.D	09/06/2024	14:41
SSTDICC050	SSTDICC050	BP021853.D	09/06/2024	15:23
SSTDICC060	SSTDICC060	BP021854.D	09/06/2024	16:05
SSTDICC080	SSTDICC080	BP021855.D	09/06/2024	16:49
ICVBP090624	SSTDICV040	BP021856.D	09/06/2024	18:17
PB163076BL	PB163076BL	BP021857.D	09/06/2024	19:01