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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424

Instrument ID: BNA_F Calibration Date/Time: 5/14/2024 12 13:14

Lab File ID: BF137914.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	0.505	0.496		-1.782	
Pyridine	1.144	1.160		1.399	
2-Fluorophenol	1.177	1.157		-1.699	
Benzaldehyde	0.785	0.788		0.382	
Aniline	1.297	1.293		-0.308	
Phenol-d6	1.450	1.414		-2.483	
Phenol	1.464	1.439		-1.708	20.0
bis(2-Chloroethyl)ether	1.124	1.107		-1.512	
2-Chlorophenol	1.274	1.260		-1.099	
1,2-Dichlorobenzene	1.393	1.359		-2.441	
1,3-Dichlorobenzene	1.474	1.446		-1.9	
1,4-Dichlorobenzene	1.480	1.452		-1.892	20.0
Benzyl Alcohol	1.005	1.012		0.697	
2-Methylphenol	1.016	1.003		-1.28	
2,2-oxybis(1-Chloropropane)	1.382	1.371		-0.796	
Acetophenone	0.448	0.431		-3.795	
3+4-Methylphenols	1.331	1.315		-1.202	
n-Nitroso-di-n-propylamine	0.815	0.801	0.050	-1.718	
Nitrobenzene-d5	0.340	0.332		-2.353	
Hexachloroethane	0.501	0.500		-0.2	
Nitrobenzene	0.345	0.337		-2.319	
Isophorone	0.590	0.577		-2.203	
2-Nitrophenol	0.173	0.175		1.156	20.0
2,4-Dimethylphenol	0.223	0.220		-1.345	
bis(2-Chloroethoxy)methane	0.357	0.346		-3.081	
2,4-Dichlorophenol	0.280	0.280		0.0	20.0
1,2,4-Trichlorobenzene	0.313	0.304		-2.875	
Benzoic acid	0.189	0.190		0.529	
Naphthalene	1.006	0.976		-2.982	
4-Chloroaniline	0.330	0.329		-0.303	
Hexachlorobutadiene	0.198	0.193		-2.525	20.0
Caprolactam	0.081	0.083		2.469	
4-Chloro-3-methylphenol	0.285	0.283		-0.702	20.0
2-Methylnaphthalene	0.646	0.627		-2.941	
Hexachlorocyclopentadiene	0.207	0.213	0.050	2.899	
2,4,6-Trichlorophenol	0.357	0.350		-1.961	20.0
2-Fluorobiphenyl	1.298	1.218		-6.163	
2,4,5-Trichlorophenol	0.390	0.389		-0.256	
1,1-Biphenyl	1.403	1.333		-4.989	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424

Instrument ID: BNA_F Calibration Date/Time: 5/14/2024 12 13:14

Lab File ID: BF137914.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	1.120	1.075		-4.018	
2-Nitroaniline	0.287	0.290		1.045	
Dimethylphthalate	1.254	1.227		-2.153	
Acenaphthylene	1.610	1.575		-2.174	
2,6-Dinitrotoluene	0.288	0.288		0.0	
3-Nitroaniline	0.281	0.284		1.068	
Acenaphthene	1.064	1.033		-2.914	20.0
2,4-Dinitrophenol	0.129	0.138	0.050	6.977	
4-Nitrophenol	0.202	0.218	0.050	7.921	
Dibenzofuran	1.549	1.497		-3.357	
2,4-Dinitrotoluene	0.372	0.385		3.495	
Diethylphthalate	1.171	1.165		-0.512	
4-Chlorophenyl-phenylether	0.604	0.593		-1.821	
Fluorene	1.225	1.194		-2.531	
4-Nitroaniline	0.267	0.279		4.494	
4,6-Dinitro-2-methylphenol	0.115	0.120		4.348	
n-Nitrosodiphenylamine	0.613	0.592		-3.426	20.0
Azobenzene	1.065	1.049		-1.502	
2,4,6-Tribromophenol	0.202	0.205		1.485	
4-Bromophenyl-phenylether	0.219	0.211		-3.653	
Hexachlorobenzene	0.242	0.232		-4.132	
Atrazine	0.167	0.170		1.796	
Pentachlorophenol	0.142	0.153		7.746	20.0
Phenanthrene	0.986	0.947		-3.955	
Anthracene	0.978	0.946		-3.272	
Carbazole	0.893	0.875		-2.016	
Di-n-butylphthalate	0.991	1.006		1.514	
Fluoranthene	1.000	1.004		0.4	20.0
Benzidine	0.261	0.373		42.912	
Pyrene	1.749	1.661		-5.031	
Terphenyl-d14	1.357	1.280		-5.674	
Butylbenzylphthalate	0.528	0.550		4.167	
3,3-Dichlorobenzidine	0.351	0.349		-0.57	
Benzo(a)anthracene	1.265	1.230		-2.767	
Chrysene	1.210	1.165		-3.719	
Bis(2-ethylhexyl)phthalate	0.663	0.694		4.676	
Di-n-octyl phthalate	0.896	0.931		3.906	20.0
Benzo(b)fluoranthene	1.158	1.207		4.231	
Benzo(k)fluoranthene	1.138	1.127		-0.967	

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424

Instrument ID: BNA_F Calibration Date/Time: 5/14/2024 12 13:14

Lab File ID: BF137914.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	0.989	0.996		0.708	20.0
Indeno(1,2,3-cd)pyrene	1.285	1.248		-2.879	
Dibenzo(a,h)anthracene	1.062	1.038		-2.26	
Benzo(g,h,i)perylene	1.115	1.070		-4.036	
1,2,4,5-Tetrachlorobenzene	0.544	0.518		-4.779	
1,4-Dioxane	0.510	0.507		-0.588	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.312		1.961	
1-Methylnaphthalene	0.635	0.614		-3.307	

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC040			SDG No.:	BF051424
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
BF137909.D	1		5/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43900		1000	8000	10000	ug/L
110-86-1	Pyridine	41000		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	41400		4000	8000	10000	ug/L
62-53-3	Aniline	41300		1600	4000	5000	ug/L
108-95-2	Phenol	39700		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	39600		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	38900		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	38900		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	39200		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	38900		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	42700		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	40200		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39800		1400	4000	5000	ug/L
98-86-2	Acetophenone	39700		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	40100		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39700		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	39200		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	39800		1300	4000	5000	ug/L
78-59-1	Isophorone	39800		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	41500		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	40200		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39300		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	39600		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	39700		1100	4000	5000	ug/L
65-85-0	Benzoic acid	42300		5500	8000	10000	ug/L
91-20-3	Naphthalene	39100		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	39700		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	39400		1300	4000	5000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC040			SDG No.:	BF051424
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
BF137909.D	1		5/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	42700		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	40400		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	39500		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	39500		5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	39500		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	39200		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	38700		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	38800		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	41600		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	39100		930	4000	5000	ug/L
208-96-8	Acenaphthylene	39300		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	40900		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	41000		1400	4000	5000	ug/L
83-32-9	Acenaphthene	39800		810	4000	5000	ug/L
Total PAH	Total PAH	634600		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	38900		6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	46000		2000	8000	10000	ug/L
132-64-9	Dibenzofuran	39000		930	4000	5000	ug/L
121-14-2	2,4-Dinitrotoluene	42400		1500	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	83300		2700	4000	10000	ug/L
84-66-2	Diethylphthalate	39900		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39300		980	4000	5000	ug/L
86-73-7	Fluorene	39200		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	43200		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41400		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	38300		890	4000	5000	ug/L
103-33-3	Azobenzene	39900		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	38400		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	38600		1100	4000	5000	ug/L
1912-24-9	Atrazine	35200		1300	4000	5000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC040			SDG No.:	BF051424
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
BF137909.D	1		5/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	41800		1900	8000	10000	ug/L
85-01-8	Phenanthrene	38300		890	4000	5000	ug/L
120-12-7	Anthracene	38900		1100	4000	5000	ug/L
86-74-8	Carbazole	40500		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	41000		1500	4000	5000	ug/L
206-44-0	Fluoranthene	40900		1300	4000	5000	ug/L
92-87-5	Benzidine	28800		4100	8000	10000	ug/L
129-00-0	Pyrene	38400		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	43300		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	41000		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	39100		940	4000	5000	ug/L
218-01-9	Chrysene	38900		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42400		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	43000		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	41600		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	37700		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	40500		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	40900		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	41000		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39100		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	47700		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	40100		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	38800		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	108103	*	10-139		72069	SPK: -150
13127-88-3	Phenol-d6	109059	*	10-134		72706	SPK: -150
4165-60-0	Nitrobenzene-d5	78965	*	49-133		78965	SPK: -100
321-60-8	2-Fluorobiphenyl	74805	*	52-132		74805	SPK: -100

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC040			SDG No.:	BF051424
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
BF137909.D	1		5/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113306	*	32-145		75537	SPK: -150
1718-51-0	Terphenyl-d14	75502	*	36-145		75502	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166962	7.045				
1146-65-2	Naphthalene-d8	637547	8.328				
15067-26-2	Acenaphthene-d10	355624	10.086				
1517-22-2	Phenanthrene-d10	615436	11.58				
1719-03-5	Chrysene-d12	376653	14.233				
1520-96-3	Perylene-d12	326287	15.792				

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBF051424			SDG No.:	BF051424
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
BF137918.D	1		5/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	39900		1000	8000	10000	ug/L
110-86-1	Pyridine	41800		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	39600		4000	8000	10000	ug/L
62-53-3	Aniline	41200		1600	4000	5000	ug/L
108-95-2	Phenol	38900		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	39100		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	39400		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	38900		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	41300		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	39100		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38900		1400	4000	5000	ug/L
98-86-2	Acetophenone	39200		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	39100		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38900		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	38900		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	39300		1300	4000	5000	ug/L
78-59-1	Isophorone	38600		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	39800		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	38800		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38500		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	39400		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	38600		1100	4000	5000	ug/L
65-85-0	Benzoic acid	39900		5500	8000	10000	ug/L
91-20-3	Naphthalene	38600		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	39800		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	38500		1300	4000	5000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	ICVBF051424		SDG No.:	BF051424	
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
BF137918.D	1		5/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	39900		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	39400		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	38600		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	40900		5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	39800		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	39900		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	38900		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	38900		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	40600		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	38400		930	4000	5000	ug/L
208-96-8	Acenaphthylene	39100		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	39500		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	40100		1400	4000	5000	ug/L
83-32-9	Acenaphthene	39100		810	4000	5000	ug/L
Total PAH	Total PAH	628900		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	39500		6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	42800		2000	8000	10000	ug/L
132-64-9	Dibenzofuran	38800		930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	80300		2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	40800		1500	4000	5000	ug/L
84-66-2	Diethylphthalate	38900		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38900		980	4000	5000	ug/L
86-73-7	Fluorene	38700		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	40500		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41400		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	38700		890	4000	5000	ug/L
103-33-3	Azobenzene	39400		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	39300		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	39200		1100	4000	5000	ug/L
1912-24-9	Atrazine	39200		1300	4000	5000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBF051424			SDG No.:	BF051424
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
BF137918.D	1		5/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	42400		1900	8000	10000	ug/L
85-01-8	Phenanthrene	38900		890	4000	5000	ug/L
120-12-7	Anthracene	38700		1100	4000	5000	ug/L
86-74-8	Carbazole	39000		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	39400		1500	4000	5000	ug/L
206-44-0	Fluoranthene	39000		1300	4000	5000	ug/L
92-87-5	Benzidine	55100		4100	8000	10000	ug/L
129-00-0	Pyrene	40600		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	41300		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	41500		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	39500		940	4000	5000	ug/L
218-01-9	Chrysene	39200		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39700		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	39700		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	38000		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	37200		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	39300		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41300		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	41100		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	40600		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39200		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	39600		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	39300		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	37900		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	79045	*	10-139		52697	SPK: -150
13127-88-3	Phenol-d6	77431	*	10-134		51621	SPK: -150
4165-60-0	Nitrobenzene-d5	78994	*	49-133		78994	SPK: -100
321-60-8	2-Fluorobiphenyl	76791	*	52-132		76791	SPK: -100

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBF051424			SDG No.:	BF051424
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
BF137918.D	1		5/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80696	*	32-145		53797	SPK: -150
1718-51-0	Terphenyl-d14	80076	*	36-145		80076	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131708	7.045				
1146-65-2	Naphthalene-d8	503749	8.328				
15067-26-2	Acenaphthene-d10	276382	10.086				
1517-22-2	Phenanthrene-d10	459706	11.58				
1719-03-5	Chrysene-d12	249872	14.227				
1520-96-3	Perylene-d12	240880	15.786				

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	5/14/2024 12:00:00 AM
Project:				Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160921BL			SDG No.:	BF051424
Lab Sample ID:	PB160921BL			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	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
BF137919.D	1	5/14/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	5/14/2024 12:00:00 AM
Project:				Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160921BL			SDG No.:	BF051424
Lab Sample ID:	PB160921BL			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	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
BF137919.D	1	5/14/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	5/14/2024 12:00:00 AM
Project:				Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160921BL			SDG No.:	BF051424
Lab Sample ID:	PB160921BL			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	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
BF137919.D	1	5/14/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.984		10-139		87	SPK: -150
13127-88-3	Phenol-d6	127.58		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	85.403		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	84.095		52-132		84	SPK: -100

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	5/14/2024 12:00:00 AM
Project:				Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160921BL			SDG No.:	BF051424
Lab Sample ID:	PB160921BL			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	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
BF137919.D	1	5/14/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.752		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	84.489		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135101	7.04				
1146-65-2	Naphthalene-d8	536512	8.322				
15067-26-2	Acenaphthene-d10	300825	10.086				
1517-22-2	Phenanthrene-d10	524272	11.575				
1719-03-5	Chrysene-d12	337392	14.227				
1520-96-3	Perylene-d12	266702	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.9	J			2.469	

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Hit Summary Sheet
SW-846

SDG No.: BF051424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : SSTDCCC040								
SSTDCCC040	SSTDCCC040	Water	1,1-Biphenyl	38,700.000		910	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2,4,5-Tetrachlorobenzene	39,100.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2,4-Trichlorobenzene	39,700.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,2-Dichlorobenzene	38,900.000		880	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,3-Dichlorobenzene	39,200.000		800	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,4-Dichlorobenzene	38,900.000		840	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1,4-Dioxane	47,700.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	1-Methylnaphthalene	38,800.000		860	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,2-oxybis(1-Chloropropane)	39,800.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,3,4,6-Tetrachlorophenol	40,100.000		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	39,500.000		890	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dichlorophenol	39,600.000		880	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dimethylphenol	40,200.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrophenol	38,900.000		6400	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrotoluene	42,400.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,6-Dinitrotoluene	40,900.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Chloronaphthalene	38,800.000		970	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Chlorophenol	38,900.000		710	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Methylnaphthalene	39,500.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Methylphenol	40,200.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Nitroaniline	41,600.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2-Nitrophenol	41,500.000		2000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	3+4-Methylphenols	40,100.000		1200	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	3,3-Dichlorobenzidine	41,000.000		1300	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	3-Nitroaniline	41,000.000		1400	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4,6-Dinitro-2-methylphenol	41,400.000		3100	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Bromophenyl-phenylether	38,400.000		950	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chloro-3-methylphenol	40,400.000		840	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chloroaniline	39,700.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Chlorophenyl-phenylether	39,300.000		980	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Nitroaniline	43,200.000		2000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	4-Nitrophenol	46,000.000		2000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acenaphthene	39,800.000		810	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acenaphthylene	39,300.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Acetophenone	39,700.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Aniline	41,300.000		1600	5000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Hit Summary Sheet
SW-846

SDG No.: BF051424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC040	SSTDCCC040	Water	Anthracene	38,900.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Atrazine	35,200.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Azobenzene	39,900.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzaldehyde	41,400.000		4000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzidine	28,800.000		4100	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(a)anthracene	39,100.000		940	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(a)pyrene	40,500.000		1700	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(b)fluoranthene	41,600.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(g,h,i)perylene	41,000.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzo(k)fluoranthene	37,700.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzoic acid	42,300.000		5500	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Benzyl Alcohol	42,700.000		1600	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	bis(2-Chloroethoxy)methane	39,300.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	bis(2-Chloroethyl)ether	39,600.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Bis(2-ethylhexyl)phthalate	42,400.000		1900	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Butylbenzylphthalate	43,300.000		2100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Caprolactam	42,700.000		1700	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Carbazole	40,500.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Chrysene	38,900.000		860	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Di-n-butylphthalate	41,000.000		1500	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Di-n-octyl phthalate	43,000.000		2500	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dibenzo(a,h)anthracene	40,900.000		1200	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dibenzofuran	39,000.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Diethylphthalate	39,900.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Dimethylphthalate	39,100.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Fluoranthene	40,900.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Fluorene	39,200.000		960	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorobenzene	38,600.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorobutadiene	39,400.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachlorocyclopentadiene	39,500.000		5000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Hexachloroethane	39,200.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Indeno(1,2,3-cd)pyrene	41,000.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Isophorone	39,800.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitroso-di-n-propylamine	39,700.000		1500	2500	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitrosodimethylamine	43,900.000		1000	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	n-Nitrosodiphenylamine	38,300.000		890	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Naphthalene	39,100.000		1000	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Nitrobenzene	39,800.000		1300	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pentachlorophenol	41,800.000		1900	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Phenanthrene	38,300.000		890	5000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Hit Summary Sheet
SW-846

SDG No.: BF051424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC040	SSTDCCC040	Water	Phenol	39,700.000		930	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pyrene	38,400.000		1100	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	Pyridine	41,000.000		1600	5000	ug/L
SSTDCCC040	SSTDCCC040	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	83,300.000		2700	10000	ug/L
SSTDCCC040	SSTDCCC040	Water	Total PAH	634,600.000		17360	80000	ug/L
			Total Svoc :	**3,926,900.00**				
			Total Concentration:	**3,926,900.00**				
Client ID :	**ICVBF051424**							
SSTDICV040	ICVBF051424	Water	1,1-Biphenyl	38,900.000		910	5000	ug/L
SSTDICV040	ICVBF051424	Water	1,2,4,5-Tetrachlorobenzene	39,200.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	1,2,4-Trichlorobenzene	38,600.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	1,2-Dichlorobenzene	38,700.000		880	5000	ug/L
SSTDICV040	ICVBF051424	Water	1,3-Dichlorobenzene	38,700.000		800	5000	ug/L
SSTDICV040	ICVBF051424	Water	1,4-Dichlorobenzene	38,900.000		840	5000	ug/L
SSTDICV040	ICVBF051424	Water	1,4-Dioxane	39,600.000		1300	5000	ug/L
SSTDICV040	ICVBF051424	Water	1-Methylnaphthalene	37,900.000		860	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,2-oxybis(1-Chloropropane)	38,900.000		1400	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,3,4,6-Tetrachlorophenol	39,300.000		790	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,4,5-Trichlorophenol	39,900.000		1000	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,4,6-Trichlorophenol	39,800.000		890	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,4-Dichlorophenol	39,400.000		880	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,4-Dimethylphenol	38,800.000		1500	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,4-Dinitrophenol	39,500.000		6400	10000	ug/L
SSTDICV040	ICVBF051424	Water	2,4-Dinitrotoluene	40,800.000		1500	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,6-Dinitrotoluene	39,500.000		1200	5000	ug/L
SSTDICV040	ICVBF051424	Water	2-Chloronaphthalene	38,900.000		970	5000	ug/L
SSTDICV040	ICVBF051424	Water	2-Chlorophenol	39,400.000		710	5000	ug/L
SSTDICV040	ICVBF051424	Water	2-Methylnaphthalene	38,600.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	2-Methylphenol	39,100.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	2-Nitroaniline	40,600.000		1400	5000	ug/L
SSTDICV040	ICVBF051424	Water	2-Nitrophenol	39,800.000		2000	5000	ug/L
SSTDICV040	ICVBF051424	Water	3+4-Methylphenols	39,100.000		1200	10000	ug/L
SSTDICV040	ICVBF051424	Water	3,3-Dichlorobenzidine	41,500.000		1300	10000	ug/L
SSTDICV040	ICVBF051424	Water	3-Nitroaniline	40,100.000		1400	5000	ug/L
SSTDICV040	ICVBF051424	Water	4,6-Dinitro-2-methylphenol	41,400.000		3100	10000	ug/L
SSTDICV040	ICVBF051424	Water	4-Bromophenyl-phenylether	39,300.000		950	5000	ug/L
SSTDICV040	ICVBF051424	Water	4-Chloro-3-methylphenol	39,400.000		840	5000	ug/L
SSTDICV040	ICVBF051424	Water	4-Chloroaniline	39,800.000		1300	5000	ug/L
SSTDICV040	ICVBF051424	Water	4-Chlorophenyl-phenylether	38,900.000		980	5000	ug/L
SSTDICV040	ICVBF051424	Water	4-Nitroaniline	40,500.000		2000	5000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Hit Summary Sheet
SW-846

SDG No.: BF051424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBF051424	Water	4-Nitrophenol	42,800.000		2000	10000	ug/L
SSTDICV040	ICVBF051424	Water	Acenaphthene	39,100.000		810	5000	ug/L
SSTDICV040	ICVBF051424	Water	Acenaphthylene	39,100.000		1000	5000	ug/L
SSTDICV040	ICVBF051424	Water	Acetophenone	39,200.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	Aniline	41,200.000		1600	5000	ug/L
SSTDICV040	ICVBF051424	Water	Anthracene	38,700.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	Atrazine	39,200.000		1300	5000	ug/L
SSTDICV040	ICVBF051424	Water	Azobenzene	39,400.000		1200	5000	ug/L
SSTDICV040	ICVBF051424	Water	Benzaldehyde	39,600.000		4000	10000	ug/L
SSTDICV040	ICVBF051424	Water	Benzidine	55,100.000		4100	10000	ug/L
SSTDICV040	ICVBF051424	Water	Benzo(a)anthracene	39,500.000		940	5000	ug/L
SSTDICV040	ICVBF051424	Water	Benzo(a)pyrene	39,300.000		1700	5000	ug/L
SSTDICV040	ICVBF051424	Water	Benzo(b)fluoranthene	38,000.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	Benzo(g,h,i)perylene	40,600.000		1200	5000	ug/L
SSTDICV040	ICVBF051424	Water	Benzo(k)fluoranthene	37,200.000		1200	5000	ug/L
SSTDICV040	ICVBF051424	Water	Benzoic acid	39,900.000		5500	10000	ug/L
SSTDICV040	ICVBF051424	Water	Benzyl Alcohol	41,300.000		1600	10000	ug/L
SSTDICV040	ICVBF051424	Water	bis(2-Chloroethoxy)methane	38,500.000		1000	5000	ug/L
SSTDICV040	ICVBF051424	Water	bis(2-Chloroethyl)ether	39,100.000		1200	5000	ug/L
SSTDICV040	ICVBF051424	Water	Bis(2-ethylhexyl)phthalate	39,700.000		1900	5000	ug/L
SSTDICV040	ICVBF051424	Water	Butylbenzylphthalate	41,300.000		2100	5000	ug/L
SSTDICV040	ICVBF051424	Water	Caprolactam	39,900.000		1700	10000	ug/L
SSTDICV040	ICVBF051424	Water	Carbazole	39,000.000		1200	5000	ug/L
SSTDICV040	ICVBF051424	Water	Chrysene	39,200.000		860	5000	ug/L
SSTDICV040	ICVBF051424	Water	Di-n-butylphthalate	39,400.000		1500	5000	ug/L
SSTDICV040	ICVBF051424	Water	Di-n-octyl phthalate	39,700.000		2500	10000	ug/L
SSTDICV040	ICVBF051424	Water	Dibenzo(a,h)anthracene	41,100.000		1200	5000	ug/L
SSTDICV040	ICVBF051424	Water	Dibenzofuran	38,800.000		930	5000	ug/L
SSTDICV040	ICVBF051424	Water	Diethylphthalate	38,900.000		1000	5000	ug/L
SSTDICV040	ICVBF051424	Water	Dimethylphthalate	38,400.000		930	5000	ug/L
SSTDICV040	ICVBF051424	Water	Fluoranthene	39,000.000		1300	5000	ug/L
SSTDICV040	ICVBF051424	Water	Fluorene	38,700.000		960	5000	ug/L
SSTDICV040	ICVBF051424	Water	Hexachlorobenzene	39,200.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	Hexachlorobutadiene	38,500.000		1300	5000	ug/L
SSTDICV040	ICVBF051424	Water	Hexachlorocyclopentadiene	40,900.000		5000	10000	ug/L
SSTDICV040	ICVBF051424	Water	Hexachloroethane	38,900.000		1000	5000	ug/L
SSTDICV040	ICVBF051424	Water	Indeno(1,2,3-cd)pyrene	41,300.000		1000	5000	ug/L
SSTDICV040	ICVBF051424	Water	Isophorone	38,600.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	n-Nitroso-di-n-propylamine	38,900.000		1500	2500	ug/L
SSTDICV040	ICVBF051424	Water	n-Nitrosodimethylamine	39,900.000		1000	10000	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Hit Summary Sheet
SW-846

SDG No.: BF051424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBF051424	Water	n-Nitrosodiphenylamine	38,700.000		890	5000	ug/L
SSTDICV040	ICVBF051424	Water	Naphthalene	38,600.000		1000	5000	ug/L
SSTDICV040	ICVBF051424	Water	Nitrobenzene	39,300.000		1300	5000	ug/L
SSTDICV040	ICVBF051424	Water	Pentachlorophenol	42,400.000		1900	10000	ug/L
SSTDICV040	ICVBF051424	Water	Phenanthrene	38,900.000		890	5000	ug/L
SSTDICV040	ICVBF051424	Water	Phenol	38,900.000		930	5000	ug/L
SSTDICV040	ICVBF051424	Water	Pyrene	40,600.000		1100	5000	ug/L
SSTDICV040	ICVBF051424	Water	Pyridine	41,800.000		1600	5000	ug/L
SSTDICV040	ICVBF051424	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	80,300.000		2700	10000	ug/L
SSTDICV040	ICVBF051424	Water	Total PAH	628,900.000		17360	80000	ug/L
			Total Svoc :	**3,887,300.00**				
			Total Concentration:	**3,887,300.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424

Instrument ID: Calibration Date(s): 5/14/2024

Calibration Time(s): 11:17

LAB FILE ID: RRF2.5 = BF137910.D RRF005 = BF137911.D RRF010 = BF137912.D
RRF020 = BF137913.D RRF040 = BF137914.D RRF050 = BF137915.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.503	0.501	0.516	0.496	0.495	0.505	1.8
Pyridine		1.050	1.087	1.182	1.160	1.147	1.144	4.8
2-Fluorophenol		1.264	1.212	1.237	1.157	1.118	1.177	5.3
Benzaldehyde			0.935	0.905	0.788	0.736	0.785	14.7
Aniline		1.265	1.259	1.333	1.293	1.279	1.297	2.5
Phenol-d6		1.601	1.511	1.525	1.414	1.372	1.450	6.6
Phenol		1.587	1.517	1.527	1.439	1.402	1.464	5.5
bis(2-Chloroethyl)ether		1.203	1.148	1.170	1.107	1.078	1.124	4.5
2-Chlorophenol		1.371	1.316	1.334	1.260	1.207	1.274	5.3
1,2-Dichlorobenzene		1.540	1.467	1.475	1.359	1.309	1.393	7.2
1,3-Dichlorobenzene		1.596	1.525	1.567	1.446	1.396	1.474	6.0
1,4-Dichlorobenzene		1.598	1.533	1.567	1.452	1.404	1.480	5.8
Benzyl Alcohol		1.024	0.995	1.045	1.012	0.980	1.005	2.4
2-Methylphenol		1.071	1.033	1.054	1.003	0.977	1.016	3.6
2,2-oxybis(1-Chloropropane)		1.475	1.427	1.444	1.371	1.317	1.382	4.9
Acetophenone		0.481	0.467	0.474	0.431	0.431	0.448	5.5
3+4-Methylphenols		1.456	1.382	1.411	1.315	1.261	1.331	6.5
n-Nitroso-di-n-propylamine	0.856	0.851	0.841	0.846	0.801	0.770	0.815	4.7
Nitrobenzene-d5		0.345	0.344	0.358	0.332	0.331	0.340	2.9
Hexachloroethane		0.524	0.500	0.531	0.500	0.480	0.501	4.1
Nitrobenzene		0.350	0.352	0.361	0.337	0.337	0.345	2.8
Isophorone		0.611	0.592	0.616	0.577	0.572	0.590	3.0
2-Nitrophenol		0.159	0.166	0.179	0.175	0.177	0.173	4.5
2,4-Dimethylphenol		0.226	0.220	0.232	0.220	0.221	0.223	2.0
bis(2-Chloroethoxy)methane		0.380	0.365	0.377	0.346	0.343	0.357	4.6
2,4-Dichlorophenol		0.273	0.283	0.296	0.280	0.274	0.280	2.8
1,2,4-Trichlorobenzene		0.334	0.316	0.329	0.304	0.300	0.313	4.4
Benzoic acid			0.148	0.177	0.190	0.195	0.189	12.9
Naphthalene		1.086	1.042	1.070	0.976	0.953	1.006	5.8
4-Chloroaniline		0.317	0.327	0.342	0.329	0.327	0.330	2.3
Hexachlorobutadiene		0.208	0.201	0.207	0.193	0.193	0.198	3.5
Caprolactam		0.080	0.080	0.081	0.083	0.079	0.081	2.3
4-Chloro-3-methylphenol		0.287	0.286	0.300	0.283	0.275	0.285	2.7
2-Methylnaphthalene		0.709	0.672	0.681	0.627	0.617	0.646	6.3
Hexachlorocyclopentadiene		0.171	0.176	0.210	0.213	0.220	0.207	11.4
2,4,6-Trichlorophenol		0.359	0.354	0.373	0.350	0.349	0.357	2.3

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424

Instrument ID: Calibration Date(s): 5/14/2024

Calibration Time(s): 11:17

LAB FILE ID: RRF2.5 = BF137910.D RRF005 = BF137911.D RRF010 = BF137912.D
RRF020 = BF137913.D RRF040 = BF137914.D RRF050 = BF137915.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.483	1.396	1.402	1.218	1.212	1.298	9.6
2,4,5-Trichlorophenol		0.393	0.387	0.407	0.389	0.380	0.390	2.2
1,1-Biphenyl		1.537	1.454	1.489	1.333	1.336	1.403	6.3
2-Chloronaphthalene		1.204	1.155	1.187	1.075	1.072	1.120	5.4
2-Nitroaniline		0.272	0.279	0.294	0.290	0.282	0.287	3.2
Dimethylphthalate		1.348	1.294	1.306	1.227	1.187	1.254	4.9
Acenaphthylene		1.709	1.646	1.709	1.575	1.546	1.610	4.8
2,6-Dinitrotoluene		0.286	0.285	0.298	0.288	0.282	0.288	1.7
3-Nitroaniline		0.281	0.274	0.288	0.284	0.277	0.281	1.7
Acenaphthene		1.131	1.070	1.114	1.033	1.029	1.064	4.0
2,4-Dinitrophenol			0.079	0.110	0.138	0.139	0.129	22.9
4-Nitrophenol		0.163	0.187	0.206	0.218	0.209	0.202	10.3
Dibenzofuran		1.681	1.619	1.644	1.497	1.464	1.549	6.2
2,4-Dinitrotoluene		0.346	0.371	0.385	0.385	0.364	0.372	3.8
Diethylphthalate		1.255	1.208	1.214	1.165	1.110	1.171	4.8
4-Chlorophenyl-phenylether		0.649	0.637	0.631	0.593	0.573	0.604	5.6
Fluorene		1.368	1.279	1.277	1.194	1.147	1.225	7.0
4-Nitroaniline		0.255	0.269	0.265	0.279	0.262	0.267	3.0
4,6-Dinitro-2-methylphenol			0.088	0.110	0.120	0.122	0.115	12.9
n-Nitrosodiphenylamine		0.644	0.616	0.649	0.592	0.603	0.613	4.0
Azobenzene		1.144	1.091	1.118	1.049	1.009	1.065	4.9
2,4,6-Tribromophenol		0.206	0.203	0.207	0.205	0.194	0.202	2.4
4-Bromophenyl-phenylether		0.226	0.217	0.230	0.211	0.216	0.219	3.0
Hexachlorobenzene		0.259	0.241	0.253	0.232	0.239	0.242	4.1
Atrazine		0.187	0.185	0.179	0.170	0.156	0.167	10.3
Pentachlorophenol		0.103	0.129	0.148	0.153	0.152	0.142	13.5
Phenanthrene		1.079	1.030	1.041	0.947	0.945	0.986	6.4
Anthracene		1.053	1.008	1.036	0.946	0.941	0.978	5.5
Carbazole		0.961	0.929	0.939	0.875	0.851	0.893	5.4
Di-n-butylphthalate		1.027	1.023	1.020	1.006	0.955	0.991	3.5
Fluoranthene		1.097	1.081	1.039	1.004	0.942	1.000	7.5
Benzidine			0.115	0.118	0.373	0.324	0.261	43.6
Pyrene		1.711	1.660	1.888	1.661	1.739	1.749	4.8
Terphenyl-d14		1.416	1.330	1.458	1.280	1.332	1.357	4.5
Butylbenzylphthalate		0.478	0.493	0.526	0.550	0.535	0.528	6.0
3,3-Dichlorobenzidine		0.301	0.311	0.364	0.349	0.368	0.351	9.2

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424

Instrument ID: Calibration Date(s): 5/14/2024

Calibration Time(s): 11:17

LAB FILE ID: RRF2.5 = BF137910.D RRF005 = BF137911.D RRF010 = BF137912.D
RRF020 = BF137913.D RRF040 = BF137914.D RRF050 = BF137915.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.278	1.270	1.317	1.230	1.232	1.265	2.3
Chrysene		1.269	1.211	1.261	1.165	1.171	1.210	3.4
Bis(2-ethylhexyl)phthalate		0.620	0.658	0.647	0.694	0.657	0.663	4.0
Di-n-octyl phthalate		0.780	0.803	0.833	0.931	0.933	0.896	10.2
Benzo(b)fluoranthene		1.198	1.187	1.165	1.207	1.110	1.158	3.7
Benzo(k)fluoranthene		1.233	1.210	1.193	1.127	1.071	1.138	6.5
Benzo(a)pyrene		0.978	0.948	1.018	0.996	0.975	0.989	2.4
Indeno(1,2,3-cd)pyrene		1.061	1.034	1.380	1.248	1.403	1.285	13.6
Dibenzo(a,h)anthracene		0.889	0.863	1.143	1.038	1.155	1.062	12.8
Benzo(g,h,i)perylene		0.931	0.895	1.202	1.070	1.223	1.115	13.5
1,2,4,5-Tetrachlorobenzene		0.587	0.547	0.567	0.518	0.527	0.544	4.7
1,4-Dioxane		0.531	0.510	0.525	0.507	0.488	0.510	2.8
2,3,4,6-Tetrachlorophenol		0.307	0.304	0.319	0.312	0.297	0.306	2.3
1-Methylnaphthalene		0.702	0.671	0.670	0.614	0.600	0.635	7.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG NO.: BF051424

EPA Sample No.: SSTDICCC040 Date Analyzed: May 14 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 10:46

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	142006	7.045	550835	8.33	311581	10.09
	UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
	LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
	EPA SAMPLE NO.						
01	SSTDCCC040	166962	7.05	637547	8.33	355624	10.09
02	ICVBF051424	131708	7.05	503749	8.33	276382	10.09
03	PB160921BL	135101	7.04	536512	8.32	300825	10.09

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.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG NO.: BF051424

EPA Sample No.: SSTDICCC040 Date Analyzed: May 14 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 15:12

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	142006	7.045	550835	8.33	311581	10.09
	UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
	LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
	EPA SAMPLE NO.						
01	ICVBF051424	131708	7.05	503749	8.33	276382	10.09
02	PB160921BL	135101	7.04	536512	8.32	300825	10.09

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.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG NO.: BF051424

EPA Sample No.: SSTDICCC040 Date Analyzed: May 14 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 10:46

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	535112	11.58	324526	14.227	256022	15.786
	UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
	LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
	EPA SAMPLE NO.						
01	SSTDCCC040	615436	11.58	376653	14.23	326287	15.79
02	ICVBF051424	459706	11.58	249872	14.23	240880	15.79
03	PB160921BL	524272	11.58	337392	14.23	266702	15.79

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.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG NO.: BF051424

EPA Sample No.: SSTDICCC040 Date Analyzed: May 14 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 15:12

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	535112	11.58	324526	14.227	256022	15.786
	UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
	LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
	EPA SAMPLE NO.						
01	ICVBF051424	459706	11.58	249872	14.23	240880	15.79
02	PB160921BL	524272	11.58	337392	14.23	266702	15.79

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.

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTDCCC040

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG NO.: BF051424

Lab File ID: BF137909.D Lab Sample ID: SSTDCCC040

Instrument ID: BNA_F Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 05/14/2024

Level: (low/med) LOW Time Analyzed: 10:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTDCCC040	SSTDCCC040	BF137909.D	05/14/2024
ICVBF051424	SSTDICV040	BF137918.D	05/14/2024

COMMENTS:

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160921BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG NO.: BF051424

Lab File ID: BF137919.D Lab Sample ID: PB160921BL

Instrument ID: BNA_F Date Extracted: 05/14/2024

Matrix: (soil/water) water Date Analyzed: 05/14/2024

Level: (low/med) LOW Time Analyzed: 16:00

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

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

COMMENTS:

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Surrogate Summary

SW-846

SDG No.: BF051424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC040	SSTDCCC040	BF137909.D	2-Fluorophenol	150	108,103.00	72069	*	10	139
			Phenol-d6	150	109,059.00	72706	*	10	134
			Nitrobenzene-d5	100	78,965.00	78965	*	49	133
			2-Fluorobiphenyl	100	74,805.00	74805	*	52	132
			2,4,6-Tribromophenol	150	113,306.00	75537	*	32	145
			Terphenyl-d14	100	75,502.00	75502	*	36	145
SSTDICV040	ICVBF051424	BF137918.D	2-Fluorophenol	150	79,045.00	52697	*	10	139
			Phenol-d6	150	77,431.00	51621	*	10	134
			Nitrobenzene-d5	100	78,994.00	78994	*	49	133
			2-Fluorobiphenyl	100	76,791.00	76791	*	52	132
			2,4,6-Tribromophenol	150	80,696.00	53797	*	32	145
			Terphenyl-d14	100	80,076.00	80076	*	36	145

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Surrogate Summary

SW-846

SDG No.: BF051424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB160921BL	PB160921BL	BF137919.D	2-Fluorophenol	150	129.98	87		10	139
			Phenol-d6	150	127.58	85		10	134
			Nitrobenzene-d5	100	85.40	85		49	133
			2-Fluorobiphenyl	100	84.10	84		52	132
			2,4,6-Tribromophenol	150	133.75	89		32	145
			Terphenyl-d14	100	84.49	84		36	145

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BF051424

Lab Code: CHEM SAS No.: BF051424 SDG NO.: BF051424

Lab File ID: BF137908.D DFTPP Injection Date: 05/14/2024

Instrument ID: BNA_F DFTPP Injection Time: 10:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.3
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.1
70	Less than 2.0% of mass 69	0.2 (0.8) 1
127	10.0 - 80.0% of mass 198	42.5
197	Less than 2.0% of mass 198	0.1
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	28.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	16.3
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	BF137909.D	05/14/2024	10:46
SSTDICC2.5	SSTDICC2.5	BF137910.D	05/14/2024	11:17
SSTDICC005	SSTDICC005	BF137911.D	05/14/2024	11:47
SSTDICC010	SSTDICC010	BF137912.D	05/14/2024	12:15
SSTDICC020	SSTDICC020	BF137913.D	05/14/2024	12:45
SSTDICCC040	SSTDICCC040	BF137914.D	05/14/2024	13:14
SSTDICC050	SSTDICC050	BF137915.D	05/14/2024	13:43
SSTDICC060	SSTDICC060	BF137916.D	05/14/2024	14:13
SSTDICC080	SSTDICC080	BF137917.D	05/14/2024	14:42
ICVBF051424	SSTDICV040	BF137918.D	05/14/2024	15:12
PB160921BL	PB160921BL	BF137919.D	05/14/2024	16:00