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.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: BNA_G Calibration Date/Time: 12/11/2024 1 18:30

Lab File ID: BG063657.D Init. Calib. Date(s):

EPA Sample No.: SICV437 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.531	0.010	-12.0278	40.0
Benzaldehyde	1.130	1.127	0.010	-0.2847	40.0
Pyridine	1.724	1.482	0.010	-14.054	40.0
Phenol	1.963	2.006	0.080	2.193	20.0
Bis(2-Chloroethyl)ether	1.502	1.521	0.100	1.2716	20.0
2-Chlorophenol	1.207	1.252	0.200	3.7422	20.0
2-Methylphenol	1.419	1.461	0.010	2.987	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.316	0.010	3.8596	40.0
Acetophenone	2.426	2.511	0.060	3.5385	20.0
4-Methylphenol	1.553	1.557	0.010	0.2359	20.0
N-Nitroso-di-n-propylamine	1.447	1.531	0.050	5.7788	30.0
Hexachloroethane	0.593	0.566	0.100	-4.4948	20.0
Nitrobenzene	0.477	0.506	0.050	6.0063	25.0
Isophorone	0.901	0.918	0.050	1.8608	25.0
2-Nitrophenol	0.165	0.175	0.050	6.2036	25.0
2,4-Dimethylphenol	0.373	0.356	0.050	-4.6773	25.0
Bis(2-Chloroethoxy)methane	0.487	0.498	0.050	2.1212	20.0
2,4-Dichlorophenol	0.308	0.327	0.060	6.1359	20.0
Naphthalene	1.000	1.048	0.200	4.7998	20.0
4-Chloroaniline	0.374	0.405	0.010	8.2474	40.0
Hexachlorobutadiene	0.250	0.265	0.040	5.8719	30.0
Caprolactam	0.106	0.107	0.010	0.1085	40.0
4-Chloro-3-methylphenol	0.362	0.377	0.040	4.39	25.0
1-Methylnaphthalene	0.732	0.722	0.100	-1.3448	20.0
2-Methylnaphthalene	0.719	0.764	0.100	6.3625	20.0
Hexachlorocyclopentadiene	0.253	0.230	0.010	-9.2522	40.0
2,4,6-Trichlorophenol	0.362	0.390	0.090	7.8276	25.0
2,4,5-Trichlorophenol	0.378	0.396	0.100	4.9829	25.0
1,1-Biphenyl	1.319	1.445	0.200	9.5243	20.0
2-Chloronaphthalene	1.059	1.130	0.300	6.6526	20.0
2-Nitroaniline	0.355	0.394	0.050	11.0454	40.0
Dimethylphthalate	1.364	1.488	0.300	9.0766	20.0
2,6-Dinitrotoluene	0.253	0.299	0.080	17.9149	30.0
Acenaphthylene	1.663	1.838	0.400	10.5137	20.0
3-Nitroaniline	0.234	0.284	0.010	21.4536	40.0
Acenaphthene	1.179	1.274	0.200	8.0664	20.0
2,4-Dinitrophenol	0.129	0.122	0.010	-6.0902	40.0
4-Nitrophenol	0.200	0.204	0.010	1.9915	40.0
Dibenzofuran	1.662	1.839	0.300	10.65	20.0

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.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: BNA_G Calibration Date/Time: 12/11/2024 1 18:30

Lab File ID: BG063657.D Init. Calib. Date(s):

EPA Sample No.: SICV437 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.409	0.070	8.6529	30.0
Diethylphthalate	1.319	1.419	0.300	7.6139	20.0
Fluorene	1.327	1.439	0.200	8.4496	20.0
4-Chlorophenyl-phenylether	0.739	0.781	0.100	5.6179	20.0
4-Nitroaniline	0.234	0.282	0.010	20.3725	40.0
4,6-Dinitro-2-methylphenol	0.107	0.114	0.010	6.619	40.0
N-Nitrosodiphenylamine	0.484	0.535	0.050	10.4249	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.665	0.100	3.8349	20.0
4-Bromophenyl-phenylether	0.204	0.219	0.070	7.4924	20.0
Hexachlorobenzene	0.228	0.238	0.050	4.2466	25.0
Atrazine	0.205	0.212	0.010	3.5865	25.0
Pentachlorophenol	0.096	0.098	0.010	1.2904	40.0
Phenanthrene	0.964	1.045	0.200	8.3936	20.0
Pentachlorobenzene	0.264	0.284	0.050	7.4498	20.0
Anthracene	0.975	1.084	0.200	11.1361	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.274	0.050	2.579	20.0
Carbazole	0.790	0.926	0.050	17.2552	40.0
Di-n-butylphthalate	0.954	1.045	0.500	9.613	25.0
Fluoranthene	1.183	1.361	0.400	15.0853	25.0
Pyrene	1.259	1.432	0.400	13.8203	25.0
Butylbenzylphthalate	0.386	0.419	0.100	8.3731	40.0
3,3-Dichlorobenzidine	0.361	0.433	0.010	19.8017	40.0
Benzo(a)anthracene	1.253	1.391	0.300	10.9953	30.0
Chrysene	1.195	1.319	0.200	10.4246	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.616	0.200	9.6764	40.0
Di-n-octyl phthalate	0.863	0.999	0.010	15.7358	40.0
Benzo(b)fluoranthene	1.137	1.222	0.200	7.4627	25.0
Benzo(k)fluoranthene	1.134	1.273	0.200	12.3047	25.0
Benzo(a)pyrene	1.067	1.188	0.200	11.3489	20.0
Indeno(1,2,3-cd)pyrene	1.303	1.412	0.200	8.3328	25.0
Dibenzo(a,h)anthracene	1.043	1.137	0.200	9.0526	30.0
Benzo(g,h,i)perylene	1.034	1.086	0.200	5.0188	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.383	0.040	17.6429	20.0
1,4-Dioxane-d8	0.510	0.466	0.010	-8.7482	25.0
Pyridine-d5	1.610	1.614	0.010	0.2611	40.0
Phenol-d5	1.842	1.885	0.010	2.3356	25.0
Bis-(2-Chloroethyl)ether-d8	1.272	1.476	0.050	16.0451	25.0
2-Chlorophenol-d4	1.193	1.246	0.200	4.4689	20.0
4-Methylphenol-d8	1.430	1.477	0.010	3.267	20.0

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.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: BNA_G Calibration Date/Time: 12/11/2024 1 18:30

Lab File ID: BG063657.D Init. Calib. Date(s):

EPA Sample No.: SICV437 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.157	0.050	9.7151	20.0
2-Nitrophenol-d4	0.160	0.171	0.050	7.1126	30.0
2,4-Dichlorophenol-d3	0.310	0.341	0.060	10.1087	20.0
4-Chloroaniline-d4	0.394	0.418	0.010	6.1856	40.0
Dimethylphthalate-d6	1.361	1.473	0.300	8.2452	20.0
Acenaphthylene-d8	1.551	1.721	0.400	10.9232	20.0
4-Nitrophenol-d4	0.193	0.202	0.010	4.6544	40.0
Fluorene-d10	1.203	1.302	0.100	8.2072	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.108	0.010	4.0591	40.0
Anthracene-d10	0.860	0.942	0.300	9.5985	20.0
Pyrene-d10	1.041	1.176	0.300	13.0215	25.0
Benzo(a)pyrene-d12	0.939	1.056	0.010	12.4449	20.0

All other compounds must meet a minimum RRF of 0.010.

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

Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTD020562		SDG No.:	BG121124	
Lab Sample ID:	SSTDCCC020		Matrix:	Water	
Analytical Method:	SFAM_SVOC		% Moisture:	100	
Sample Wt/Vol:	1000 Units:	mL	Final Vol:	1000000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :		PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063650.D	1		12/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7200		1200	500	2000	ug/L
100-52-7	Benzaldehyde	20000		2300	5000	10000	ug/L
110-86-1	Pyridine	18000		2200	10000	10000	ug/L
108-95-2	Phenol	18000		1500	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	21000		1300	5000	10000	ug/L
95-57-8	2-Chlorophenol	21000		1200	2500	5000	ug/L
95-48-7	2-Methylphenol	20000		820	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	23000		1200	5000	10000	ug/L
98-86-2	Acetophenone	19000		890	5000	10000	ug/L
106-44-5	4-Methylphenol	19000		1200	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19000		1500	2500	5000	ug/L
67-72-1	Hexachloroethane	20000		1500	2500	5000	ug/L
98-95-3	Nitrobenzene	19000		990	2500	5000	ug/L
78-59-1	Isophorone	18000		1100	2500	5000	ug/L
88-75-5	2-Nitrophenol	23000		1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	18000		1100	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	22000		1200	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	21000		930	2500	5000	ug/L
91-20-3	Naphthalene	21000		700	2500	5000	ug/L
106-47-8	4-Chloroaniline	21000		1800	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	16000		980	2500	5000	ug/L
105-60-2	Caprolactam	20000		2900	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	18000		2000	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	20000		1000	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	20000		1600	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	14000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	22000		810	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	21000		800	2500	5000	ug/L

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:	SSTD020562	SDG No.:	BG121124
Lab Sample ID:	SSTDCCC020	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063650.D	1		12/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	22000		990	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	21000		1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	22000		1700	2500	5000	ug/L
131-11-3	Dimethylphthalate	20000		1300	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	20000		1300	2500	5000	ug/L
208-96-8	Acenaphthylene	22000		1100	2500	5000	ug/L
99-09-2	3-Nitroaniline	23000		1500	5000	10000	ug/L
83-32-9	Acenaphthene	21000		1100	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	19000		2800	5000	10000	ug/L
100-02-7	4-Nitrophenol	16000		1400	5000	10000	ug/L
132-64-9	Dibenzofuran	20000		870	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	20000		1100	2500	5000	ug/L
84-66-2	Diethylphthalate	20000		870	2500	5000	ug/L
86-73-7	Fluorene	20000		870	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	16000		960	2500	5000	ug/L
100-01-6	4-Nitroaniline	21000		1200	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	21000		1200	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	23000		710	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18000		900	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	19000		1400	2500	5000	ug/L
118-74-1	Hexachlorobenzene	19000		560	2500	5000	ug/L
1912-24-9	Atrazine	21000		960	5000	10000	ug/L
87-86-5	Pentachlorophenol	26000		2500	5000	10000	ug/L
85-01-8	Phenanthrene	22000		970	2500	5000	ug/L
608-93-5	Pentachlorobenzene	19000		1200	2500	5000	ug/L
120-12-7	Anthracene	22000		720	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	20000		920	2500	5000	ug/L
86-74-8	Carbazole	24000		1000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	26000		810	2500	5000	ug/L
206-44-0	Fluoranthene	20000		650	5000	5000	ug/L

Alliance TECHNICAL GROUP
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:	SSTD020562			SDG No.:	BG121124
Lab Sample ID:	SSTDCCC020			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063650.D	1		12/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21000		530	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	31000		970	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	25000		1700	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	21000		560	2500	5000	ug/L
218-01-9	Chrysene	22000		750	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32000		870	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	31000		1500	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	20000		1100	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	21000		1100	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	21000		1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	21000		1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	21000		1200	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	21000		1100	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	21000		1000	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7902	*	15-120		98775	SPK: -8
7291-22-7	Pyridine-d5	17589	*	20-120		43973	SPK: -40
4165-62-2	Phenol-d5	18251	*	10-130		45627	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18803	*	25-120		47008	SPK: -40
93951-73-6	2-Chlorophenol-d4	20776	*	20-130		51940	SPK: -40
190780-66-6	4-Methylphenol-d8	20058	*	25-125		50145	SPK: -40
4165-60-0	Nitrobenzene-d5	21944	*	20-125		54860	SPK: -40
93951-78-1	2-Nitrophenol-d4	21151	*	20-130		52878	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20143	*	20-120		50358	SPK: -40
191656-33-4	4-Chloroaniline-d4	20314	*	1-146		50785	SPK: -40
85448-30-2	Dimethylphthalate-d6	20165	*	25-130		50413	SPK: -40
93951-97-4	Acenaphthylene-d8	21829	*	10-130		54572	SPK: -40
93951-79-2	4-Nitrophenol-d4	22365	*	10-150		55913	SPK: -40
81103-79-9	Fluorene-d10	18473	*	25-125		46183	SPK: -40

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:	SSTD020562		SDG No.:	BG121124	
Lab Sample ID:	SSTDCCC020		Matrix:	Water	
Analytical Method:	SFAM_SVOC		% Moisture:	100	
Sample Wt/Vol:	1000 Units:	mL	Final Vol:	1000000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :		PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063650.D	1		12/11/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19909	*	10-130		49773	SPK: -40
1719-06-8	Anthracene-d10	21113	*	25-130		52783	SPK: -40
1718-52-1	Pyrene-d10	19700	*	15-130		49250	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20793	*	20-130		51983	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132134	7.809				
1146-65-2	Naphthalene-d8	526527	10.599				
15067-26-2	Acenaphthene-d10	398962	14.454				
1517-22-2	Phenanthrene-d10	942209	17.203				
1719-03-5	Chrysene-d12	1052873	21.457				
1520-96-3	Perylene-d12	1184006	24.483				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	990	U			99	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: BG121124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SSTD020562**								
SSTDCCC020	SSTD020562	Water	Total Alkanes	*	0.000		990	5000	ug/L
			Total Tics :				**0.00**		
SSTDCCC020	SSTD020562	Water	1,1-Biphenyl		22,000.000		990	5000	ug/L
SSTDCCC020	SSTD020562	Water	1,2,3,4-Tetrachlorobenzene		20,000.000		920	5000	ug/L
SSTDCCC020	SSTD020562	Water	1,2,4,5-Tetrachlorobenzene		18,000.000		900	5000	ug/L
SSTDCCC020	SSTD020562	Water	1,4-Dioxane		7,200.000		1200	2000	ug/L
SSTDCCC020	SSTD020562	Water	1-Methylnaphthalene		20,000.000		1000	5000	ug/L
SSTDCCC020	SSTD020562	Water	2,2-oxybis(1-Chloropropane)		23,000.000		1200	10000	ug/L
SSTDCCC020	SSTD020562	Water	2,3,4,6-Tetrachlorophenol		21,000.000		1000	5000	ug/L
SSTDCCC020	SSTD020562	Water	2,4,5-Trichlorophenol		21,000.000		800	5000	ug/L
SSTDCCC020	SSTD020562	Water	2,4,6-Trichlorophenol		22,000.000		810	5000	ug/L
SSTDCCC020	SSTD020562	Water	2,4-Dichlorophenol		21,000.000		930	5000	ug/L
SSTDCCC020	SSTD020562	Water	2,4-Dimethylphenol		18,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	2,4-Dinitrophenol		19,000.000		2800	10000	ug/L
SSTDCCC020	SSTD020562	Water	2,4-Dinitrotoluene		20,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	2,6-Dinitrotoluene		20,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020562	Water	2-Chloronaphthalene		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	2-Chlorophenol		21,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020562	Water	2-Methylnaphthalene		20,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020562	Water	2-Methylphenol		20,000.000		820	10000	ug/L
SSTDCCC020	SSTD020562	Water	2-Nitroaniline		22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020562	Water	2-Nitrophenol		23,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020562	Water	3,3-Dichlorobenzidine		25,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020562	Water	3-Nitroaniline		23,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020562	Water	4,6-Dinitro-2-methylphenol		21,000.000		1200	10000	ug/L
SSTDCCC020	SSTD020562	Water	4-Bromophenyl-phenylether		19,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020562	Water	4-Chloro-3-methylphenol		18,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020562	Water	4-Chloroaniline		21,000.000		1800	10000	ug/L
SSTDCCC020	SSTD020562	Water	4-Chlorophenyl-phenylether		16,000.000		960	5000	ug/L
SSTDCCC020	SSTD020562	Water	4-Methylphenol		19,000.000		1200	10000	ug/L
SSTDCCC020	SSTD020562	Water	4-Nitroaniline		21,000.000		1200	10000	ug/L
SSTDCCC020	SSTD020562	Water	4-Nitrophenol		16,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020562	Water	Acenaphthene		21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	Acenaphthylene		22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	Acetophenone		19,000.000		890	10000	ug/L
SSTDCCC020	SSTD020562	Water	Anthracene		22,000.000		720	5000	ug/L
SSTDCCC020	SSTD020562	Water	Atrazine		21,000.000		960	10000	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: BG121124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTD020562	Water	Benzaldehyde	20,000.000		2300	10000	ug/L
SSTDCCC020	SSTD020562	Water	Benzo(a)anthracene	21,000.000		560	5000	ug/L
SSTDCCC020	SSTD020562	Water	Benzo(a)pyrene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	Benzo(b)fluoranthene	20,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	Benzo(g,h,i)perylene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	Benzo(k)fluoranthene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	Bis(2-Chloroethoxy)methane	22,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020562	Water	Bis(2-Chloroethyl)ether	21,000.000		1300	10000	ug/L
SSTDCCC020	SSTD020562	Water	Bis(2-ethylhexyl)phthalate	32,000.000		870	5000	ug/L
SSTDCCC020	SSTD020562	Water	Butylbenzylphthalate	31,000.000		970	5000	ug/L
SSTDCCC020	SSTD020562	Water	Caprolactam	20,000.000		2900	10000	ug/L
SSTDCCC020	SSTD020562	Water	Carbazole	24,000.000		1000	10000	ug/L
SSTDCCC020	SSTD020562	Water	Chrysene	22,000.000		750	5000	ug/L
SSTDCCC020	SSTD020562	Water	Di-n-butylphthalate	26,000.000		810	5000	ug/L
SSTDCCC020	SSTD020562	Water	Di-n-octyl phthalate	31,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020562	Water	Dibenzo(a,h)anthracene	21,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020562	Water	Dibenzofuran	20,000.000		870	5000	ug/L
SSTDCCC020	SSTD020562	Water	Diethylphthalate	20,000.000		870	5000	ug/L
SSTDCCC020	SSTD020562	Water	Dimethylphthalate	20,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020562	Water	Fluoranthene	20,000.000		650	5000	ug/L
SSTDCCC020	SSTD020562	Water	Fluorene	20,000.000		870	5000	ug/L
SSTDCCC020	SSTD020562	Water	Hexachlorobenzene	19,000.000		560	5000	ug/L
SSTDCCC020	SSTD020562	Water	Hexachlorobutadiene	16,000.000		980	5000	ug/L
SSTDCCC020	SSTD020562	Water	Hexachlorocyclopentadiene	14,000.000		3100	10000	ug/L
SSTDCCC020	SSTD020562	Water	Hexachloroethane	20,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020562	Water	Indeno(1,2,3-cd)pyrene	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020562	Water	Isophorone	18,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020562	Water	N-Nitroso-di-n-propylamine	19,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020562	Water	N-Nitrosodiphenylamine	23,000.000		710	5000	ug/L
SSTDCCC020	SSTD020562	Water	Naphthalene	21,000.000		700	5000	ug/L
SSTDCCC020	SSTD020562	Water	Nitrobenzene	19,000.000		990	5000	ug/L
SSTDCCC020	SSTD020562	Water	Pentachlorobenzene	19,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020562	Water	Pentachlorophenol	26,000.000		2500	10000	ug/L
SSTDCCC020	SSTD020562	Water	Phenanthrene	22,000.000		970	5000	ug/L
SSTDCCC020	SSTD020562	Water	Phenol	18,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020562	Water	Pyrene	21,000.000		530	5000	ug/L
SSTDCCC020	SSTD020562	Water	Pyridine	18,000.000		2200	10000	ug/L
			Total Svoc :	**1,491,200.00**				
			Total Concentration:	**1,491,200.00**				

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

Hit Summary Sheet
SW-846

SDG No.: BG121124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID: RRFAL1 = BG063651.D RRFAL2 = BG063652.D RRFAL3 = BG063653.D
RRFAL4 = BG063654.D RRFAL5 = BG063655.D RRFAL6 = BG063656.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.593	0.689	0.576	0.596		0.604	8.1
Benzaldehyde		1.337	1.446	1.195	0.907	0.764	1.130	25.4
Pyridine		1.604	1.815	1.707	1.876	1.620	1.724	6.9
Hexachloroethane	0.587	0.609	0.627	0.590	0.553		0.593	4.7
Nitrobenzene	0.424	0.448	0.521	0.504	0.488		0.477	8.4
Isophorone	0.875	0.868	0.989	0.918	0.853		0.901	6.1
2-Nitrophenol	0.139	0.151	0.183	0.180	0.170		0.165	11.6
2,4-Dimethylphenol	0.352	0.361	0.404	0.384	0.365		0.373	5.5
Bis(2-Chloroethoxy)methane	0.467	0.476	0.531	0.494	0.469		0.487	5.5
2,4-Dichlorophenol	0.269	0.299	0.342	0.319	0.311		0.308	8.7
Naphthalene	0.957	1.007	1.105	1.008	0.923		1.000	6.9
4-Chloroaniline		0.347	0.423	0.390	0.372	0.341	0.374	9.0
Hexachlorobutadiene	0.234	0.242	0.271	0.253	0.250		0.250	5.5
Phenol		1.813	2.129	2.027	1.934	1.913	1.963	6.1
Caprolactam		0.099	0.119	0.110	0.101	0.104	0.106	7.7
4-Chloro-3-methylphenol	0.342	0.349	0.383	0.376	0.358		0.362	4.8
1-Methylnaphthalene	0.708	0.740	0.797	0.745	0.671		0.732	6.4
2-Methylnaphthalene	0.729	0.703	0.783	0.716	0.662		0.719	6.1
Hexachlorocyclopentadiene		0.151	0.230	0.265	0.297	0.322	0.253	26.4
2,4,6-Trichlorophenol	0.328	0.348	0.392	0.373	0.368		0.362	6.8
2,4,5-Trichlorophenol	0.345	0.352	0.398	0.410	0.384		0.378	7.5
1,1-Biphenyl	1.269	1.316	1.449	1.343	1.217		1.319	6.6
2-Chloronaphthalene	1.014	1.040	1.167	1.084	0.992		1.059	6.5
2-Nitroaniline	0.306	0.319	0.371	0.391	0.387		0.355	11.1
Bis(2-Chloroethyl)ether		1.454	1.662	1.509	1.473	1.413	1.502	6.4
Dimethylphthalate	1.341	1.334	1.504	1.396	1.245		1.364	7.0
2,6-Dinitrotoluene	0.217	0.238	0.277	0.269	0.265		0.253	9.9
Acenaphthylene	1.652	1.643	1.868	1.677	1.477		1.663	8.3
3-Nitroaniline		0.221	0.250	0.240	0.228	0.232	0.234	4.7
Acenaphthene	1.155	1.191	1.295	1.175	1.079		1.179	6.6
2,4-Dinitrophenol		0.074	0.104	0.128	0.162	0.179	0.129	32.8
4-Nitrophenol		0.151	0.194	0.213	0.216	0.228	0.200	15.0
Dibenzofuran	1.605	1.682	1.847	1.695	1.482		1.662	8.0
2,4-Dinitrotoluene	0.334	0.346	0.411	0.406	0.384		0.376	9.3
Diethylphthalate	1.290	1.289	1.462	1.338	1.214		1.319	7.0
2-Chlorophenol	0.995	1.193	1.372	1.249	1.227		1.207	11.3

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.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID: RRFAL1 = BG063651.D RRFAL2 = BG063652.D RRFAL3 = BG063653.D
RRFAL4 = BG063654.D RRFAL5 = BG063655.D RRFAL6 = BG063656.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.338	1.354	1.472	1.310	1.163		1.327	8.3
4-Chlorophenyl-phenylether	0.737	0.741	0.814	0.743	0.663		0.739	7.2
4-Nitroaniline		0.208	0.267	0.248	0.224	0.226	0.234	9.8
4,6-Dinitro-2-methylphenol		0.087	0.106	0.112	0.115	0.115	0.107	11.1
N-Nitrosodiphenylamine	0.451	0.488	0.533	0.486	0.463		0.484	6.5
1,2,4,5-Tetrachlorobenzene	0.604	0.627	0.694	0.654	0.623		0.640	5.4
4-Bromophenyl-phenylether	0.187	0.198	0.227	0.207	0.200		0.204	7.4
Hexachlorobenzene	0.223	0.230	0.249	0.221	0.219		0.228	5.4
Atrazine		0.201	0.225	0.213	0.199	0.186	0.205	7.2
Pentachlorophenol		0.071	0.090	0.097	0.108	0.115	0.096	17.8
2-Methylphenol		1.316	1.568	1.465	1.384	1.361	1.419	7.0
Phenanthrene	0.964	0.985	1.066	0.970	0.834		0.964	8.6
Pentachlorobenzene	0.247	0.261	0.288	0.266	0.260		0.264	5.7
Anthracene	0.958	0.994	1.104	0.987	0.835		0.975	9.9
1,2,3,4-Tetrachlorobenzene	0.235	0.264	0.293	0.271	0.271		0.267	7.8
Carbazole		0.822	0.925	0.848	0.754	0.599	0.790	15.6
Di-n-butylphthalate	0.957	0.964	1.072	0.956	0.820		0.954	9.4
Fluoranthene	1.179	1.254	1.324	1.190	0.967		1.183	11.3
Pyrene	1.265	1.339	1.449	1.252	0.987		1.259	13.6
Butylbenzylphthalate	0.382	0.370	0.415	0.390	0.375		0.386	4.5
3,3-Dichlorobenzidine		0.365	0.405	0.371	0.355	0.309	0.361	9.6
2,2-oxybis(1-Chloropropane)		2.203	2.500	2.268	2.137	2.040	2.230	7.8
Benzo(a)anthracene	1.254	1.274	1.415	1.251	1.073		1.253	9.7
Chrysene	1.228	1.201	1.351	1.189	1.004		1.195	10.4
Bis(2-ethylhexyl)phthalate	0.563	0.550	0.617	0.559	0.521		0.562	6.3
Di-n-octyl phthalate		0.914	0.987	0.912	0.826	0.677	0.863	13.8
Benzo(b)fluoranthene	1.064	1.121	1.270	1.150	1.079		1.137	7.2
Benzo(k)fluoranthene	1.090	1.149	1.279	1.148	1.003		1.134	8.9
Benzo(a)pyrene	0.989	1.046	1.199	1.094	1.007		1.067	7.9
Indeno(1,2,3-cd)pyrene	1.193	1.272	1.436	1.325	1.290		1.303	6.8
Dibenzo(a,h)anthracene	0.930	1.020	1.169	1.066	1.028		1.043	8.3
Benzo(g,h,i)perylene	0.977	1.012	1.133	1.041	1.007		1.034	5.8
Acetophenone		2.390	2.742	2.504	2.332	2.160	2.426	8.9
2,3,4,6-Tetrachlorophenol	0.275	0.320	0.346	0.348	0.339		0.326	9.2
1,4-Dioxane-d8	0.446	0.484	0.598	0.481	0.543		0.510	11.8
Pyridine-d5		1.381	1.735	1.588	1.794	1.553	1.610	10.1

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.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID: RRFAL1 = BG063651.D RRFAL2 = BG063652.D RRFAL3 = BG063653.D
RRFAL4 = BG063654.D RRFAL5 = BG063655.D RRFAL6 = BG063656.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.679	2.009	1.888	1.812	1.823	1.842	6.5
Bis-(2-Chloroethyl)ether-d8		1.201	1.404	1.260	1.261	1.236	1.272	6.1
2-Chlorophenol-d4	1.063	1.162	1.331	1.232	1.175		1.193	8.2
4-Methylphenol-d8		1.365	1.553	1.475	1.372	1.386	1.430	5.7
Nitrobenzene-d5	0.125	0.139	0.153	0.149	0.148		0.143	7.7
2-Nitrophenol-d4	0.149	0.145	0.169	0.171	0.168		0.160	7.6
2,4-Dichlorophenol-d3	0.275	0.296	0.343	0.324	0.312		0.310	8.4
4-Chloroaniline-d4		0.377	0.422	0.414	0.391	0.364	0.394	6.2
4-Methylphenol		1.415	1.728	1.625	1.514	1.482	1.553	8.0
Dimethylphthalate-d6	1.331	1.366	1.489	1.367	1.251		1.361	6.3
Acenaphthylene-d8	1.521	1.520	1.726	1.572	1.418		1.551	7.2
4-Nitrophenol-d4		0.145	0.195	0.204	0.207	0.213	0.193	14.4
Fluorene-d10	1.172	1.190	1.335	1.215	1.104		1.203	7.0
4,6-Dinitro-2-methylphenol-		0.088	0.099	0.107	0.111	0.113	0.104	9.9
Anthracene-d10	0.869	0.871	0.938	0.848	0.773		0.860	6.9
Pyrene-d10	1.011	1.102	1.159	1.044	0.887		1.041	9.9
Benzo(a)pyrene-d12	0.866	0.913	1.046	0.956	0.916		0.939	7.2
N-Nitroso-di-n-propylamine	1.342	1.371	1.614	1.522	1.388		1.447	8.0

All other compounds must meet a minimum RRF of 0.010.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG NO.: BG121124

EPA Sample No.: SSTD020433 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 12:36

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	134078	7.812	591107	10.60	436199	14.45
	UPPER LIMIT	268156	8.312	1182214	11.103	872398	14.951
	LOWER LIMIT	67039	7.312	295553.5	10.103	218099.5	13.951
	EPA SAMPLE NO.						
01	SSTD020562	132134	7.81	526527	10.60	398962	14.45
02	SICV437	174958	7.81	743831	10.60	532759	14.45

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

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

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

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG NO.: BG121124

EPA Sample No.: _____ Date Analyzed: _____

Lab File ID: _____ Time Analyzed: _____

Instrument ID: _____ GC Column: _____ ID: _____ (mm)

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG NO.: BG121124

EPA Sample No.: SSTD020433 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 12:36

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.04718e+0(	17.207	1.05243e+	21.461	1.14487e+0(	24.481
	UPPER LIMIT	2094360	17.707	2104860	21.961	2289740	24.981
	LOWER LIMIT	523590	16.707	526215	20.961	572435	23.981
	EPA SAMPLE NO.						
01	SSTD020562	942209	17.20	1.05287e+	21.46	1.18401e+	24.48
02	SICV437	1.24292	17.21	1.19632e+	21.46	1.31601e+	24.48

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG NO.: BG121124

EPA Sample No.: _____ Date Analyzed: _____

Lab File ID: _____ Time Analyzed: _____

Instrument ID: _____ GC Column: _____ ID: _____ (mm)

	IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

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

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

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0	
	Benzaldehyde	20	0	ug/L	0				0	0	
	Pyridine	20	0	ug/L	0				0	0	
	Phenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0	
	2-Chlorophenol	20	0	ug/L	0				0	0	
	2-Methylphenol	20	0	ug/L	0				0	0	
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0	
	Acetophenone	20	0	ug/L	0				0	0	
	4-Methylphenol	20	0	ug/L	0				0	0	
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0	
	Hexachloroethane	20	0	ug/L	0				0	0	
	Nitrobenzene	20	0	ug/L	0				0	0	
	Isophorone	20	0	ug/L	0				0	0	
	2-Nitrophenol	20	0	ug/L	0				0	0	
	2,4-Dimethylphenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0	
	2,4-Dichlorophenol	20	0	ug/L	0				0	0	
	Naphthalene	20	0	ug/L	0				0	0	
	4-Chloroaniline	20	0	ug/L	0				0	0	
	Hexachlorobutadiene	20	0	ug/L	0				0	0	
	Caprolactam	20	0	ug/L	0				0	0	
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0	
	1-Methylnaphthalene	20	0	ug/L	0				0	0	
	2-Methylnaphthalene	20	0	ug/L	0				0	0	
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0	
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0	
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0	
	1,1'-Biphenyl	20	0	ug/L	0				0	0	
	2-Chloronaphthalene	20	0	ug/L	0				0	0	
	2-Nitroaniline	20	0	ug/L	0				0	0	
	Dimethylphthalate	20	0	ug/L	0				0	0	
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0	
	Acenaphthylene	20	0	ug/L	0				0	0	
	3-Nitroaniline	20	0	ug/L	0				0	0	
	Acenaphthene	20	0	ug/L	0				0	0	
	2,4-Dinitrophenol	20	0	ug/L	0				0	0	
	4-Nitrophenol	20	0	ug/L	0				0	0	
	Dibenzofuran	20	0	ug/L	0				0	0	
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0	
	Diethylphthalate	20	0	ug/L	0				0	0	
	Fluorene	20	0	ug/L	0				0	0	
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0	
	4-Nitroaniline	20	0	ug/L	0				0	0	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
SSTDICV020	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0	
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0	
	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0	
	Hexachlorobenzene	20	0	ug/L	0				0	0	
	Atrazine	20	0	ug/L	0				0	0	
	Pentachlorophenol	20	0	ug/L	0				0	0	
	Phenanthrene	20	0	ug/L	0				0	0	
	Pentachlorobenzene	20	0	ug/L	0				0	0	
	Anthracene	20	0	ug/L	0				0	0	
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	Carbazole	20	0	ug/L	0				0	0	
	Di-n-butylphthalate	20	0	ug/L	0				0	0	
	Fluoranthene	20	0	ug/L	0				0	0	
	Pyrene	20	0	ug/L	0				0	0	
	Butylbenzylphthalate	20	0	ug/L	0				0	0	
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0	
	Benzo(a)anthracene	20	0	ug/L	0				0	0	
	Chrysene	20	0	ug/L	0				0	0	
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0	
	Di-n-octylphthalate	20	0	ug/L	0				0	0	
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(a)pyrene	20	0	ug/L	0				0	0	
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0	
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0	
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0	
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0	

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTD020562

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG NO.: BG121124

Lab File ID: BG063650.D Lab Sample ID: SSTDCCC020

Instrument ID: BNA_G Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 12/11/2024

Level: (low/med) LOW Time Analyzed: 12:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD020562	SSTDCCC020	BG063650.D	12/11/2024

COMMENTS:

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

Surrogate Summary

SW-846

SDG No.: BG121124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC020	SSTD020562	BG063650.D	1,4-Dioxane-d8	8	7,902.00	98775	*	15	120
			Pyridine-d5	40	17,589.00	43973	*	20	120
			Phenol-d5	40	18,251.00	45627	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	18,803.00	47008	*	25	120
			2-Chlorophenol-d4	40	20,776.00	51940	*	20	130
			4-Methylphenol-d8	40	20,058.00	50145	*	25	125
			Nitrobenzene-d5	40	21,944.00	54860	*	20	125
			2-Nitrophenol-d4	40	21,151.00	52878	*	20	130
			2,4-Dichlorophenol-d3	40	20,143.00	50358	*	20	120
			4-Chloroaniline-d4	40	20,314.00	50785	*	1	146
			Dimethylphthalate-d6	40	20,165.00	50413	*	25	130
			Acenaphthylene-d8	40	21,829.00	54572	*	10	130
			4-Nitrophenol-d4	40	22,365.00	55913	*	10	150
			Fluorene-d10	40	18,473.00	46183	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	19,909.00	49773	*	10	130
			Anthracene-d10	40	21,113.00	52783	*	25	130
			Pyrene-d10	40	19,700.00	49250	*	15	130
			Benzo(a)pyrene-d12	40	20,793.00	51983	*	20	130

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: BG121124

Lab Code: CHEM SAS No.: BG121124 SDG NO.: BG121124

Lab File ID: BG063649.D DFTPP Injection Date: 12/11/2024

Instrument ID: BNA_G DFTPP Injection Time: 10:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.3
68	Less than 2.0% of mass 69	0.2 (0.5) 1
69	Mass 69 relative abundance	44.4
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	73.9
443	15.0 - 24.0% of mass 442	14.7 (19.8) 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
SSTD020562	SSTDCCC020	BG063650.D	12/11/2024	12:36
SSTD005431	SSTD00588	BG063651.D	12/11/2024	13:23
SSTD010432	SSTD01089	BG063652.D	12/11/2024	14:39
SSTD020433	SSTD02090	BG063653.D	12/11/2024	15:54
SSTD040434	SSTD04091	BG063654.D	12/11/2024	16:36
SSTD080435	SSTD08092	BG063655.D	12/11/2024	17:14
SSTD160436	SSTD16093	BG063656.D	12/11/2024	17:52
SICV437	SSTDICV020	BG063657.D	12/11/2024	18:30