CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031824 SAS No.: BM031824 SDG No.: BM031824

Instrument ID: BNA_M Calibration Date/Time: 3/18/2024 1: 11:50

Lab File ID: BM044654.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.649	0.653		0.616	
Pyridine	1.619	1.550		-4.262	
2-Fluorophenol	1.393	1.339		-3.877	
Benzaldehyde	0.939	0.891		-5.112	
Aniline	2.122	2.042		-3.77	
Phenol-d6	1.792	1.757		-1.953	
Phenol	1.790	1.737		-2.961	20.0
bis(2-Chloroethyl)ether	1.461	1.416		-3.08	
2-Chlorophenol	1.387	1.345		-3.028	
1,2-Dichlorobenzene	1.434	1.376		-4.045	
1,3-Dichlorobenzene	1.492	1.424		-4.558	
1,4-Dichlorobenzene	1.504	1.443		-4.056	20.0
Benzyl Alcohol	1.178	1.168		-0.849	
2-Methylphenol	1.221	1.209		-0.983	
2,2-oxybis(1-Chloropropane)	2.026	1.964		-3.06	
Acetophenone	0.525	0.510		-2.857	
3+4-Methylphenols	1.647	1.623		-1.457	
n-Nitroso-di-n-propylamine	1.094	1.114	0.050	1.828	
Nitrobenzene-d5	0.415	0.407		-1.928	
Hexachloroethane	0.556	0.541		-2.698	
Nitrobenzene	0.410	0.397		-3.171	
Isophorone	0.716	0.705		-1.536	
2-Nitrophenol	0.177	0.175		-1.13	20.0
2,4-Dimethylphenol	0.311	0.308		-0.965	
bis(2-Chloroethoxy)methane	0.476	0.464		-2.521	
2,4-Dichlorophenol	0.297	0.293		-1.347	20.0
1,2,4-Trichlorobenzene	0.316	0.303		-4.114	
Benzoic acid	0.231	0.221		-4.329	
Naphthalene	1.098	1.055		-3.916	
4-Chloroaniline	0.460	0.453		-1.522	
Hexachlorobutadiene	0.176	0.173		-1.705	20.0
Caprolactam	0.096	0.098		2.083	
4-Chloro-3-methylphenol	0.326	0.323		-0.92	20.0
2-Methylnaphthalene	0.745	0.723		-2.953	
Hexachlorocyclopentadiene	0.323	0.310	0.050	-4.025	
2,4,6-Trichlorophenol	0.383	0.380		-0.783	20.0
2-Fluorobiphenyl	1.452	1.423		-1.997	
2,4,5-Trichlorophenol	0.454	0.443		-2.423	
1,1-Biphenyl	1.564	1.499		-4.156	
2-Chloronaphthalene	1.157	1.110		-4.062	
2-Nitroaniline	0.392	0.391		-0.255	

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Instrument ID: BNA_M Calibration Date/Time: 3/18/2024 1: 11:50

Lab File ID: BM044654.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.496	1.461		-2.34	
Acenaphthylene	1.884	1.841		-2.282	
2,6-Dinitrotoluene	0.312	0.306		-1.923	
3-Nitroaniline	0.365	0.366		0.274	
Acenaphthene	1.139	1.106		-2.897	20.0
2,4-Dinitrophenol	0.180	0.173	0.050	-3.889	
4-Nitrophenol	0.300	0.290	0.050	-3.333	
Dibenzofuran	1.808	1.754		-2.987	
2,4-Dinitrotoluene	0.407	0.417		2.457	
Diethylphthalate	1.514	1.489		-1.651	
4-Chlorophenyl-phenylether	0.676	0.674		-0.296	
Fluorene	1.408	1.401		-0.497	
4-Nitroaniline	0.364	0.374		2.747	
4,6-Dinitro-2-methylphenol	0.125	0.122		-2.4	
n-Nitrosodiphenylamine	0.623	0.612		-1.766	20.0
Azobenzene	1.565	1.569		0.256	
2,4,6-Tribromophenol	0.221	0.228		3.167	
4-Bromophenyl-phenylether	0.207	0.202		-2.415	
Hexachlorobenzene	0.220	0.218		-0.909	
Atrazine	0.195	0.198		1.538	
Pentachlorophenol	0.158	0.161		1.899	20.0
Phenanthrene	1.105	1.083		-1.991	
Anthracene	1.109	1.096		-1.172	
Carbazole	1.044	1.039		-0.479	
Di-n-butylphthalate	1.345	1.362		1.264	
Fluoranthene	1.236	1.232		-0.324	20.0
Benzidine	0.517	0.529		2.321	
Pyrene	1.466	1.398		-4.638	
Terphenyl-d14	1.143	1.150		0.612	
Butylbenzylphthalate	0.661	0.650		-1.664	
3,3-Dichlorobenzidine	0.479	0.488		1.879	
Benzo(a)anthracene	1.392	1.358		-2.443	
Chrysene	1.330	1.274		-4.211	
Bis(2-ethylhexyl)phthalate	0.995	1.038		4.322	
Di-n-octyl phthalate	1.726	1.757		1.796	20.0
Benzo(b)fluoranthene	1.175	1.156		-1.617	
Benzo(k)fluoranthene	1.208	1.153		-4.553	
Benzo(a)pyrene	1.146	1.123		-2.007	20.0
Indeno(1,2,3-cd)pyrene	1.446	1.405		-2.835	
Dibenzo(a,h)anthracene	1.219	1.198		-1.723	
Benzo(g,h,i)perylene	1.200	1.149		-4.25	

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Instrument ID: BNA_M Calibration Date/Time: 3/18/2024 1: 11:50

Lab File ID: BM044654.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.568	0.543		-4.401	
1,4-Dioxane	0.586	0.554		-5.461	20.0
2,3,4,6-Tetrachlorophenol	0.353	0.347		-1.7	
1-Methylnaphthalene	0.694	0.676		-2.594	

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL			SDG No.:	BM031824
Lab Sample ID:	PB159613BL			Matrix:	Water
Analytical Method:	625.1			% 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
BM044655.D	1	3/14/2024 12:00:00 AM	3/18/2024 12:00:00 AM	PB159613

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	4	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
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

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL			SDG No.:	BM031824
Lab Sample ID:	PB159613BL			Matrix:	Water
Analytical Method:	625.1			% 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
BM044655.D	1	3/14/2024 12:00:00 AM	3/18/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL			SDG No.:	BM031824
Lab Sample ID:	PB159613BL			Matrix:	Water
Analytical Method:	625.1			% 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
BM044655.D	1	3/14/2024 12:00:00 AM	3/18/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	95.431		60-140		95	SPK: -100
13127-88-3	Phenol-d6	90.836		60-140		91	SPK: -100
4165-60-0	Nitrobenzene-d5	91.683		60-140		92	SPK: -100
321-60-8	2-Fluorobiphenyl	93.677		60-140		94	SPK: -100
118-79-6	2,4,6-Tribromophenol	88.464		60-140		88	SPK: -100
1718-51-0	Terphenyl-d14	97.072		60-140		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204665	7.698				
1146-65-2	Naphthalene-d8	763576	10.475				
15067-26-2	Acenaphthene-d10	405286	14.339				
1517-22-2	Phenanthrene-d10	734602	17.098				
1719-03-5	Chrysene-d12	611002	21.291				
1520-96-3	Perylene-d12	765934	23.538				

TENTATIVE IDENTIFIED COMPOUNDS

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL			SDG No.:	BM031824
Lab Sample ID:	PB159613BL			Matrix:	Water
Analytical Method:	625.1			% 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
BM044655.D	1	3/14/2024 12:00:00 AM	3/18/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	28.9	A			4.863	
	1-Methylnaphthalene		U				

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Report of Analysis

Client:				Date Collected:	3/13/2024 12:00:00 AM
Project:				Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	MW-01RE			SDG No.:	BM031824
Lab Sample ID:	P1747-03RE			Matrix:	Water
Analytical Method:	625.1			% Moisture:	100
Sample Wt/Vol:	970	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
BM044656.D	1	3/14/2024 12:00:00 AM	3/18/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4.1	5.2	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L

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Report of Analysis

Client:				Date Collected:	3/13/2024 12:00:00 AM
Project:				Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	MW-01RE			SDG No.:	BM031824
Lab Sample ID:	P1747-03RE			Matrix:	Water
Analytical Method:	625.1			% Moisture:	100
Sample Wt/Vol:	970	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
BM044656.D	1	3/14/2024 12:00:00 AM	3/18/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	2.9	U	2.9	4.1	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L

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Report of Analysis

Client:				Date Collected:	3/13/2024 12:00:00 AM
Project:				Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	MW-01RE			SDG No.:	BM031824
Lab Sample ID:	P1747-03RE			Matrix:	Water
Analytical Method:	625.1			% Moisture:	100
Sample Wt/Vol:	970	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
BM044656.D	1	3/14/2024 12:00:00 AM	3/18/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	40.157	*	60-140		40	SPK: -100
13127-88-3	Phenol-d6	22.353	*	60-140		22	SPK: -100
4165-60-0	Nitrobenzene-d5	94.847		60-140		95	SPK: -100
321-60-8	2-Fluorobiphenyl	95.966		60-140		96	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.435		60-140		98	SPK: -100
1718-51-0	Terphenyl-d14	84.167		60-140		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202767	7.698				
1146-65-2	Naphthalene-d8	772524	10.475				
15067-26-2	Acenaphthene-d10	428984	14.339				
1517-22-2	Phenanthrene-d10	830911	17.098				
1719-03-5	Chrysene-d12	796584	21.297				
1520-96-3	Perylene-d12	943523	23.544				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/13/2024 12:00:00 AM
Project:				Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	MW-01RE			SDG No.:	BM031824
Lab Sample ID:	P1747-03RE			Matrix:	Water
Analytical Method:	625.1			% Moisture:	100
Sample Wt/Vol:	970	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
BM044656.D	1	3/14/2024 12:00:00 AM	3/18/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	1-Methylnaphthalene		U				

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM031824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :							

Total Concentration:

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031324 SAS No.: BM031324 SDG No.: BM031324

Instrument ID: Calibration Date(s): 3/13/2024

Calibration Time(s): 13:44

LAB FILE ID: RRF2.5 = BM044595.D RRF005 = BM044596.D RRF010 = BM044597.D
RRF020 = BM044598.D RRF040 = BM044599.D RRF050 = BM044600.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.619	0.612	0.680	0.663	0.653	0.649	4.1
Pyridine		1.502	1.573	1.700	1.646	1.632	1.619	4.0
2-Fluorophenol		1.337	1.392	1.461	1.411	1.381	1.393	3.0
Benzaldehyde		1.016	1.013	1.036	0.942	0.899	0.939	9.8
Aniline		1.994	2.033	2.196	2.168	2.166	2.122	3.9
Phenol-d6		1.685	1.757	1.893	1.832	1.802	1.792	3.9
Phenol		1.681	1.748	1.881	1.828	1.804	1.790	3.8
bis(2-Chloroethyl)ether		1.444	1.415	1.511	1.479	1.456	1.461	2.3
2-Chlorophenol		1.303	1.377	1.464	1.411	1.389	1.387	3.7
1,2-Dichlorobenzene		1.421	1.468	1.519	1.439	1.397	1.434	3.6
1,3-Dichlorobenzene		1.486	1.516	1.560	1.491	1.463	1.492	2.7
1,4-Dichlorobenzene		1.499	1.518	1.563	1.512	1.474	1.504	2.6
Benzyl Alcohol		1.033	1.069	1.226	1.231	1.224	1.178	7.6
2-Methylphenol		1.119	1.153	1.290	1.263	1.244	1.221	5.2
2,2-oxybis(1-Chloropropane)		2.019	2.035	2.122	2.049	1.999	2.026	3.1
Acetophenone		0.510	0.510	0.549	0.537	0.527	0.525	3.0
3+4-Methylphenols		1.457	1.534	1.751	1.714	1.702	1.647	6.7
n-Nitroso-di-n-propylamine	1.001	1.001	1.045	1.176	1.144	1.148	1.094	6.5
Nitrobenzene-d5		0.387	0.399	0.436	0.427	0.421	0.415	4.3
Hexachloroethane		0.534	0.549	0.580	0.562	0.551	0.556	2.7
Nitrobenzene		0.387	0.398	0.431	0.421	0.413	0.410	3.8
Isophorone		0.632	0.650	0.742	0.748	0.748	0.716	7.3
2-Nitrophenol		0.143	0.157	0.182	0.188	0.187	0.177	10.8
2,4-Dimethylphenol		0.277	0.297	0.325	0.322	0.319	0.311	5.9
bis(2-Chloroethoxy)methane		0.451	0.456	0.496	0.490	0.479	0.476	3.8
2,4-Dichlorophenol		0.260	0.276	0.311	0.310	0.305	0.297	7.0
1,2,4-Trichlorobenzene		0.311	0.314	0.326	0.317	0.312	0.316	1.9
Benzoic acid			0.160	0.222	0.242	0.251	0.231	16.0
Naphthalene		1.084	1.083	1.148	1.113	1.087	1.098	2.6
4-Chloroaniline		0.417	0.431	0.481	0.476	0.474	0.460	5.7
Hexachlorobutadiene		0.171	0.173	0.183	0.177	0.173	0.176	2.4
Caprolactam		0.076	0.078	0.097	0.103	0.107	0.096	14.0
4-Chloro-3-methylphenol		0.284	0.295	0.340	0.340	0.343	0.326	7.8
2-Methylnaphthalene		0.715	0.722	0.779	0.760	0.752	0.745	3.3
Hexachlorocyclopentadiene		0.279	0.305	0.319	0.334	0.332	0.323	7.6
2,4,6-Trichlorophenol		0.317	0.354	0.394	0.403	0.399	0.383	9.1

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.: BM031324 SAS No.: BM031324 SDG No.: BM031324

Instrument ID: Calibration Date(s): 3/13/2024

Calibration Time(s): 13:44

LAB FILE ID: RRF2.5 = BM044595.D RRF005 = BM044596.D RRF010 = BM044597.D
RRF020 = BM044598.D RRF040 = BM044599.D RRF050 = BM044600.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.451	1.476	1.531	1.463	1.424	1.452	3.5
2,4,5-Trichlorophenol		0.398	0.428	0.467	0.469	0.467	0.454	6.6
1,1-Biphenyl		1.517	1.550	1.628	1.586	1.550	1.564	2.6
2-Chloronaphthalene		1.101	1.148	1.204	1.172	1.142	1.157	2.9
2-Nitroaniline		0.311	0.341	0.400	0.421	0.422	0.392	12.1
Dimethylphthalate		1.425	1.446	1.548	1.533	1.502	1.496	3.2
Acenaphthylene		1.752	1.817	1.962	1.938	1.908	1.884	4.1
2,6-Dinitrotoluene		0.270	0.287	0.323	0.324	0.322	0.312	7.5
3-Nitroaniline		0.291	0.316	0.378	0.384	0.391	0.365	11.8
Acenaphthene		1.090	1.103	1.179	1.162	1.149	1.139	3.1
2,4-Dinitrophenol			0.126	0.166	0.188	0.195	0.180	16.7
4-Nitrophenol			0.237	0.302	0.309	0.317	0.300	10.5
Dibenzofuran		1.772	1.809	1.902	1.842	1.790	1.808	3.3
2,4-Dinitrotoluene		0.321	0.354	0.423	0.436	0.437	0.407	12.0
Diethylphthalate		1.390	1.445	1.576	1.557	1.545	1.514	4.7
4-Chlorophenyl-phenylether		0.669	0.675	0.713	0.685	0.670	0.676	3.3
Fluorene		1.385	1.397	1.507	1.437	1.396	1.408	4.1
4-Nitroaniline		0.275	0.308	0.377	0.395	0.398	0.364	14.1
4,6-Dinitro-2-methylphenol			0.096	0.123	0.130	0.131	0.125	12.1
n-Nitrosodiphenylamine		0.576	0.599	0.657	0.641	0.624	0.623	4.6
Azobenzene		1.371	1.455	1.651	1.638	1.625	1.565	7.0
2,4,6-Tribromophenol		0.190	0.201	0.232	0.228	0.228	0.221	8.1
4-Bromophenyl-phenylether		0.193	0.199	0.213	0.211	0.207	0.207	3.8
Hexachlorobenzene		0.209	0.213	0.227	0.222	0.219	0.220	3.1
Atrazine		0.170	0.186	0.204	0.200	0.200	0.195	6.5
Pentachlorophenol		0.122	0.135	0.163	0.168	0.169	0.158	13.4
Phenanthrene		1.077	1.088	1.165	1.118	1.096	1.105	3.2
Anthracene		1.025	1.077	1.174	1.141	1.110	1.109	4.6
Carbazole		0.960	0.997	1.104	1.078	1.057	1.044	5.0
Di-n-butylphthalate		1.155	1.206	1.390	1.414	1.414	1.345	8.6
Fluoranthene		1.189	1.192	1.297	1.260	1.244	1.236	3.5
Benzidine			0.428	0.488	0.576	0.572	0.517	12.4
Pyrene		1.347	1.392	1.529	1.539	1.478	1.466	5.1
Terphenyl-d14		1.104	1.133	1.227	1.202	1.140	1.143	5.5
Butylbenzylphthalate		0.496	0.549	0.669	0.722	0.716	0.661	14.9
3,3-Dichlorobenzidine		0.409	0.439	0.510	0.519	0.502	0.479	9.0

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.: BM031324 SAS No.: BM031324 SDG No.: BM031324

Instrument ID: Calibration Date(s): 3/13/2024

Calibration Time(s): 13:44

LAB FILE ID: RRF2.5 = BM044595.D RRF005 = BM044596.D RRF010 = BM044597.D
RRF020 = BM044598.D RRF040 = BM044599.D RRF050 = BM044600.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.309	1.345	1.455	1.429	1.397	1.392	4.0
Chrysene		1.299	1.300	1.380	1.377	1.320	1.330	3.3
Bis(2-ethylhexyl)phthalate		0.778	0.859	1.052	1.107	1.072	0.995	12.7
Di-n-octyl phthalate		1.313	1.423	1.723	1.900	1.892	1.726	14.9
Benzo(b)fluoranthene		1.092	1.117	1.207	1.207	1.175	1.175	4.4
Benzo(k)fluoranthene		1.129	1.189	1.279	1.226	1.220	1.208	4.6
Benzo(a)pyrene		1.036	1.083	1.194	1.179	1.168	1.146	5.6
Indeno(1,2,3-cd)pyrene		1.359	1.390	1.506	1.477	1.462	1.446	4.1
Dibenzo(a,h)anthracene		1.148	1.158	1.270	1.246	1.244	1.219	4.5
Benzo(g,h,i)perylene		1.149	1.146	1.243	1.211	1.208	1.200	3.4
1,2,4,5-Tetrachlorobenzene		0.549	0.567	0.582	0.570	0.560	0.568	2.1
1,4-Dioxane		0.574	0.602	0.622	0.579	0.569	0.586	3.5
2,3,4,6-Tetrachlorophenol		0.325	0.336	0.362	0.360	0.361	0.353	4.6
1-Methylnaphthalene		0.678	0.667	0.722	0.708	0.699	0.694	3.1

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM031824 SAS No.: BM031824 SDG NO.: BM031824

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 18 2024 12:00AM

Lab File ID: BM044599.D Time Analyzed: 12:27

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	237331	7.704	938226	10.49	534669	14.35
	UPPER LIMIT	474662	8.204	1876452	10.986	1069338	14.851
	LOWER LIMIT	118665.5	7.204	469113	9.986	267334.5	13.851
	EPA SAMPLE NO.						
01	PB159613BL	204665	7.70	763576	10.48	405286	14.34
02	MW-01RE	202767	7.70	772524	10.48	428984	14.34

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM031824 SAS No.: BM031824 SDG NO.: BM031824

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 18 2024 12:00AM

Lab File ID: BM044654.D Time Analyzed: 12:27

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	181490	7.698	729361	10.48	422995	14.34
	UPPER LIMIT	362980	8.198	1458722	10.975	845990	14.839
	LOWER LIMIT	90745	7.198	364680.5	9.975	211497.5	13.839
	EPA SAMPLE NO.						
01	PB159613BL	204665	7.70	763576	10.48	405286	14.34
02	MW-01RE	202767	7.70	772524	10.48	428984	14.34

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM031824 SAS No.: BM031824 SDG NO.: BM031824

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 18 2024 12:00AM

Lab File ID: BM044599.D Time Analyzed: 12:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.04066e+0(	17.104	895964	21.303	1.0338e+00(	23.55
	UPPER LIMIT	2081320	17.604	1791928	21.803	2067600	24.05
	LOWER LIMIT	520330	16.604	447982	20.803	516900	23.05
	EPA SAMPLE NO.						
01	PB159613BL	734602	17.10	611002	21.29	765934	23.54
02	MW-01RE	830911	17.10	796584	21.30	943523	23.54

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM031824 SAS No.: BM031824 SDG NO.: BM031824

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 18 2024 12:00AM

Lab File ID: BM044654.D Time Analyzed: 12:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	831298	17.098	768575	21.297	882881	23.544
	UPPER LIMIT	1662596	17.598	1537150	21.797	1765762	24.044
	LOWER LIMIT	415649	16.598	384287.5	20.797	441440.5	23.044
	EPA SAMPLE NO.						
01	PB159613BL	734602	17.10	611002	21.29	765934	23.54
02	MW-01RE	830911	17.10	796584	21.30	943523	23.54

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

Surrogate Summary

SW-846

SDG No.: BM031824

Client:

Analytical Method: 625.1

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1747-03RE	MW-01RE	BM044656.D	2-Fluorophenol	100	40.16	40	*	60	140
			Phenol-d6	100	22.35	22	*	60	140
			Nitrobenzene-d5	100	94.85	95		60	140
			2-Fluorobiphenyl	100	95.97	96		60	140
			2,4,6-Tribromophenol	100	98.44	98		60	140
			Terphenyl-d14	100	84.17	84		60	140
PB159613BL	PB159613BL	BM044655.D	2-Fluorophenol	100	95.43	95		60	140
			Phenol-d6	100	90.84	91		60	140
			Nitrobenzene-d5	100	91.68	92		60	140
			2-Fluorobiphenyl	100	93.68	94		60	140
			2,4,6-Tribromophenol	100	88.46	88		60	140
			Terphenyl-d14	100	97.07	97		60	140

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM031824

Lab Code: CHEM SAS No.: BM031824 SDG NO.: BM031824

Lab File ID: BM044653.D DFTPP Injection Date: 03/18/2024

Instrument ID: BNA_M DFTPP Injection Time: 11:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.5
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	50.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	23.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	80.4
443	15.0 - 24.0% of mass 442	15.8 (19.6) 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	BM044654.D	03/18/2024	11:50
PB159613BL	PB159613BL	BM044655.D	03/18/2024	12:27
MW-01RE	P1747-03RE	BM044656.D	03/18/2024	13:12