



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: loui01

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG No.: O1232

Instrument ID: BNA_G Calibration Date/Time: 01/24/2023 14:59

Lab File ID: BG056403.D Init. Calib. Date(s): 12/27/2022 12/27/2022

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:55 19:42

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.120	1.109		-1.0	
Benzaldehyde	1.023	0.998		-2.4	
Phenol-d6	1.720	1.592		-7.4	
Phenol	1.745	1.627		-6.8	20.0
bis(2-Chloroethyl) ether	1.182	1.088		-8.0	
2-Chlorophenol	1.115	1.165		4.5	
2-Methylphenol	1.280	1.206		-5.8	
2,2-oxybis(1-Chloropropane)	0.209	0.240		14.8	
Acetophenone	0.566	0.540		-4.6	
3+4-Methylphenols	1.800	1.653		-8.2	
n-Nitroso-di-n-propylamine	1.046	0.896	0.050	-14.3	
Nitrobenzene-d5	0.391	0.362		-7.4	
Hexachloroethane	0.414	0.420		1.4	
Nitrobenzene	0.387	0.355		-8.3	
Isophorone	0.823	0.711		-13.6	
2-Nitrophenol	0.198	0.215		8.6	20.0
2,4-Dimethylphenol	0.362	0.347		-4.1	
bis(2-Chloroethoxy) methane	0.428	0.400		-6.5	
2,4-Dichlorophenol	0.400	0.407		1.8	20.0
Naphthalene	1.053	1.092		3.7	
4-Chloroaniline	0.503	0.492		-2.2	
Hexachlorobutadiene	0.326	0.326		0.0	20.0
Caprolactam	0.135	0.123		-8.9	
4-Chloro-3-methylphenol	0.406	0.377		-7.1	20.0
2-Methylnaphthalene	0.889	0.882		-0.8	
Hexachlorocyclopentadiene	0.427	0.441	0.050	3.3	
2,4,6-Trichlorophenol	0.496	0.497		0.2	20.0
2-Fluorobiphenyl	1.448	1.481		2.3	
2,4,5-Trichlorophenol	0.586	0.577		-1.5	
1,1-Biphenyl	1.432	1.499		4.7	
2-Chloronaphthalene	1.131	1.160		2.6	
2-Nitroaniline	0.241	0.246		2.1	
Dimethylphthalate	1.615	1.571		-2.7	
Acenaphthylene	1.840	1.893		2.9	
2,6-Dinitrotoluene	0.344	0.342		-0.6	
3-Nitroaniline	0.327	0.339		3.7	
Acenaphthene	1.197	1.224		2.3	20.0
2,4-Dinitrophenol	0.246	0.220	0.050	-10.6	
4-Nitrophenol	0.252	0.237	0.050	-6.0	
Dibenzofuran	1.980	1.963		-0.9	
2,4-Dinitrotoluene	0.481	0.496		3.1	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: loui01

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG No.: O1232

Instrument ID: BNA_G Calibration Date/Time: 01/24/2023 14:59

Lab File ID: BG056403.D Init. Calib. Date(s): 12/27/2022 12/27/2022

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:55 19:42

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.514	1.472		-2.8	
4-Chlorophenyl-phenylether	0.994	0.959		-3.5	
Fluorene	1.593	1.570		-1.4	
4-Nitroaniline	0.335	0.352		5.1	
4,6-Dinitro-2-methylphenol	0.135	0.140		3.7	
n-Nitrosodiphenylamine	0.555	0.580		4.5	20.0
2,4,6-Tribromophenol	0.253	0.269		6.3	
4-Bromophenyl-phenylether	0.255	0.264		3.5	
Hexachlorobenzene	0.238	0.255		7.1	
Atrazine	0.230	0.232		0.9	
Pentachlorophenol	0.183	0.179		-2.2	20.0
Phenanthrene	1.036	1.059		2.2	
Anthracene	1.069	1.091		2.1	
Carbazole	0.899	0.925		2.9	
Di-n-butylphthalate	0.896	0.972		8.5	
Fluoranthene	1.352	1.316		-2.7	20.0
Pyrene	1.410	1.440		2.1	
Terphenyl-d14	1.117	1.165		4.3	
Butylbenzylphthalate	0.404	0.431		6.7	
3,3-Dichlorobenzidine	0.506	0.514		1.6	
Benzo(a)anthracene	1.405	1.426		1.5	
Chrysene	1.316	1.343		2.1	
Bis(2-ethylhexyl)phthalate	0.583	0.614		5.3	
Di-n-octyl phthalate	0.984	1.024		4.1	20.0
Benzo(b)fluoranthene	1.271	1.288		1.3	
Benzo(k)fluoranthene	1.265	1.285		1.6	
Benzo(a)pyrene	1.239	1.268		2.3	20.0
Indeno(1,2,3-cd)pyrene	1.455	1.513		4.0	
Dibenzo(a,h)anthracene	1.219	1.270		4.2	
Benzo(g,h,i)perylene	1.183	1.201		1.5	
1,2,4,5-Tetrachlorobenzene	0.750	0.768		2.4	
1,4-Dioxane	0.512	0.448		-12.5	20.0
2,3,4,6-Tetrachlorophenol	0.551	0.513		-6.9	

All other compounds must meet a minimum RRF of 0.010.