

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762
Instrument ID: BNA_P Calibration Date/Time: 04/16/2025 09:43
Lab File ID: BP024304.D Init. Calib. Date(s): 04/14/2025 04/14/2025
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.198		-1.0	
Benzaldehyde	0.819	1.715		109.4	
Phenol-d6	1.656	1.594		-3.7	
Phenol	1.661	1.607		-3.3	20.0
bis(2-Chloroethyl)ether	1.339	1.282		-4.3	
2-Chlorophenol	1.350	1.300		-3.7	
2-Methylphenol	1.075	1.038		-3.4	
2,2-oxybis(1-Chloropropane)	1.447	1.403		-3.0	
Acetophenone	0.495	0.484		-2.2	
3+4-Methylphenols	1.491	1.442		-3.3	
n-Nitroso-di-n-propylamine	1.025	0.973	0.050	-5.1	
Nitrobenzene-d5	0.351	0.356		1.4	
Hexachloroethane	0.533	0.526		-1.3	
Nitrobenzene	0.347	0.347		0.0	
Isophorone	0.635	0.618		-2.7	
2-Nitrophenol	0.170	0.172		1.2	20.0
2,4-Dimethylphenol	0.213	0.213		0.0	
bis(2-Chloroethoxy)methane	0.429	0.425		-0.9	
2,4-Dichlorophenol	0.291	0.291		0.0	20.0
Naphthalene	1.054	1.027		-2.6	
4-Chloroaniline	0.371	0.369		-0.5	
Hexachlorobutadiene	0.183	0.183		0.0	20.0
Caprolactam	0.107	0.101		-5.6	
4-Chloro-3-methylphenol	0.339	0.333		-1.8	20.0
2-Methylnaphthalene	0.731	0.702		-4.0	
Hexachlorocyclopentadiene	0.195	0.203	0.050	4.1	
2,4,6-Trichlorophenol	0.366	0.369		0.8	20.0
2-Fluorobiphenyl	1.306	1.270		-2.8	
2,4,5-Trichlorophenol	0.405	0.403		-0.5	
1,1-Biphenyl	1.470	1.439		-2.1	
2-Chloronaphthalene	1.099	1.078		-1.9	
2-Nitroaniline	0.308	0.313		1.6	
Dimethylphthalate	1.454	1.383		-4.9	
Acenaphthylene	1.730	1.692		-2.2	
2,6-Dinitrotoluene	0.309	0.304		-1.6	
3-Nitroaniline	0.325	0.324		-0.3	
Acenaphthene	1.097	1.057		-3.6	20.0
2,4-Dinitrophenol	0.182	0.155	0.050	-14.8	
4-Nitrophenol	0.280	0.281	0.050	0.4	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: BNA_P Calibration Date/Time: 04/16/2025 09:43

Lab File ID: BP024304.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.793	1.710		-4.6	
2,4-Dinitrotoluene	0.421	0.419		-0.5	
Diethylphthalate	1.499	1.442		-3.8	
4-Chlorophenyl-phenylether	0.674	0.647		-4.0	
Fluorene	1.388	1.326		-4.5	
4-Nitroaniline	0.344	0.338		-1.7	
4,6-Dinitro-2-methylphenol	0.126	0.114		-9.5	
n-Nitrosodiphenylamine	0.597	0.581		-2.7	20.0
2,4,6-Tribromophenol	0.277	0.264		-4.7	
4-Bromophenyl-phenylether	0.219	0.215		-1.8	
Hexachlorobenzene	0.260	0.250		-3.8	
Atrazine	0.152	0.190		25.0	
Pentachlorophenol	0.181	0.181		0.0	20.0
Phenanthrene	1.091	1.044		-4.3	
Anthracene	1.052	1.032		-1.9	
Carbazole	1.027	0.996		-3.0	
Di-n-butylphthalate	1.280	1.304		1.9	
Fluoranthene	1.298	1.259		-3.0	20.0
Pyrene	1.271	1.244		-2.1	
Terphenyl-d14	0.992	0.967		-2.5	
Butylbenzylphthalate	0.544	0.569		4.6	
3,3-Dichlorobenzidine	0.436	0.435		-0.2	
Benzo (a) anthracene	1.243	1.212		-2.5	
Chrysene	1.191	1.164		-2.3	
Bis(2-ethylhexyl)phthalate	0.798	0.859		7.6	
Di-n-octyl phthalate	1.297	1.403		8.2	20.0
Benzo (b) fluoranthene	1.199	1.169		-2.5	
Benzo (k) fluoranthene	1.158	1.144		-1.2	
Benzo (a) pyrene	1.034	1.025		-0.9	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.376		-0.9	
Dibenzo (a,h) anthracene	1.152	1.144		-0.7	
Benzo (g,h,i) perylene	1.173	1.152		-1.8	
1,2,4,5-Tetrachlorobenzene	0.550	0.553		0.5	
1,4-Dioxane	0.512	0.514		0.4	20.0
2,3,4,6-Tetrachlorophenol	0.373	0.357		-4.3	

All other compounds must meet a minimum RRF of 0.010.