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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG No.: Q2176

Instrument ID: BNA_P Calibration Date/Time: 06/11/2025 10:09

Lab File ID: BP024905.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.226		2.3	
Benzaldehyde	0.914	0.937		2.5	
Phenol-d6	1.585	1.563		-1.4	
Phenol	1.634	1.618		-1.0	20.0
bis(2-Chloroethyl)ether	1.285	1.265		-1.6	
2-Chlorophenol	1.358	1.365		0.5	
2-Methylphenol	1.141	1.112		-2.5	
2,2-oxybis(1-Chloropropane)	1.682	1.580		-6.1	
Acetophenone	0.505	0.502		-0.6	
3+4-Methylphenols	1.557	1.486		-4.6	
n-Nitroso-di-n-propylamine	1.078	1.023	0.050	-5.1	
Nitrobenzene-d5	0.412	0.408		-1.0	
Hexachloroethane	0.576	0.549		-4.7	
Nitrobenzene	0.366	0.359		-1.9	
Isophorone	0.713	0.698		-2.1	
2-Nitrophenol	0.180	0.190		5.6	20.0
2,4-Dimethylphenol	0.309	0.313		1.3	
bis(2-Chloroethoxy)methane	0.426	0.416		-2.3	
2,4-Dichlorophenol	0.296	0.307		3.7	20.0
Naphthalene	1.025	1.019		-0.6	
4-Chloroaniline	0.429	0.431		0.5	
Hexachlorobutadiene	0.201	0.207		3.0	20.0
Caprolactam	0.109	0.111		1.8	
4-Chloro-3-methylphenol	0.342	0.342		0.0	20.0
2-Methylnaphthalene	0.650	0.650		0.0	
Hexachlorocyclopentadiene	0.346	0.317	0.050	-8.4	
2,4,6-Trichlorophenol	0.381	0.394		3.4	20.0
2-Fluorobiphenyl	1.485	1.486		0.1	
2,4,5-Trichlorophenol	0.408	0.432		5.9	
1,1-Biphenyl	1.453	1.472		1.3	
2-Chloronaphthalene	1.117	1.114		-0.3	
2-Nitroaniline	0.343	0.347		1.2	
Dimethylphthalate	1.475	1.466		-0.6	
Acenaphthylene	1.863	1.851		-0.6	
2,6-Dinitrotoluene	0.318	0.317		-0.3	
3-Nitroaniline	0.330	0.352		6.7	
Acenaphthene	1.067	1.048		-1.8	20.0
2,4-Dinitrophenol	0.178	0.185	0.050	3.9	
4-Nitrophenol	0.239	0.237	0.050	-0.8	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.713	1.692		-1.2	
2,4-Dinitrotoluene	0.445	0.460		3.4	
Diethylphthalate	1.470	1.506		2.4	
4-Chlorophenyl-phenylether	0.677	0.684		1.0	
Fluorene	1.384	1.387		0.2	
4-Nitroaniline	0.299	0.338		13.0	
4,6-Dinitro-2-methylphenol	0.131	0.133		1.5	
n-Nitrosodiphenylamine	0.620	0.603		-2.7	20.0
2,4,6-Tribromophenol	0.277	0.297		7.2	
4-Bromophenyl-phenylether	0.226	0.229		1.3	
Hexachlorobenzene	0.274	0.274		0.0	
Atrazine	0.225	0.226		0.4	
Pentachlorophenol	0.142	0.157		10.6	20.0
Phenanthrene	1.105	1.060		-4.1	
Anthracene	1.119	1.107		-1.1	
Carbazole	1.038	1.030		-0.8	
Di-n-butylphthalate	1.285	1.322		2.9	
Fluoranthene	1.281	1.260		-1.6	20.0
Pyrene	1.249	1.242		-0.6	
Terphenyl-d14	1.116	1.127		1.0	
Butylbenzylphthalate	0.572	0.609		6.5	
3,3-Dichlorobenzidine	0.508	0.535		5.3	
Benzo(a)anthracene	1.279	1.276		-0.2	
Chrysene	1.212	1.188		-2.0	
Bis(2-ethylhexyl)phthalate	0.820	0.891		8.7	
Di-n-octyl phthalate	1.445	1.536		6.3	20.0
Benzo(b)fluoranthene	1.145	1.113		-2.8	
Benzo(k)fluoranthene	1.165	1.124		-3.5	
Benzo(a)pyrene	1.118	1.098		-1.8	20.0
Indeno(1,2,3-cd)pyrene	1.459	1.454		-0.3	
Dibenzo(a,h)anthracene	1.188	1.198		0.8	
Benzo(g,h,i)perylene	1.179	1.152		-2.3	
1,2,4,5-Tetrachlorobenzene	0.568	0.573		0.9	
1,4-Dioxane	0.527	0.507		-3.8	20.0
2,3,4,6-Tetrachlorophenol	0.365	0.375		2.7	

All other compounds must meet a minimum RRF of 0.010.