

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194 SDG No.: Q1194

Instrument ID: BNA_F Calibration Date/Time: 02/03/2025 11:24

Lab File ID: BF141361.D Init. Calib. Date(s): 01/29/2025 01/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 17:05

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.303	1.313		0.8	
Benzaldehyde	0.960	0.989		3.0	
Phenol-d6	1.657	1.641		-1.0	
Phenol	1.757	1.726		-1.8	20.0
bis(2-Chloroethyl)ether	1.347	1.302		-3.3	
2-Chlorophenol	1.396	1.420		1.7	
2-Methylphenol	1.135	1.098		-3.3	
2,2-oxybis(1-Chloropropane)	2.342	2.200		-6.1	
Acetophenone	0.475	0.501		5.5	
3+4-Methylphenols	1.393	1.446		3.8	
n-Nitroso-di-n-propylamine	0.985	0.973	0.050	-1.2	
Nitrobenzene-d5	0.379	0.397		4.7	
Hexachloroethane	0.571	0.590		3.3	
Nitrobenzene	0.393	0.407		3.6	
Isophorone	0.656	0.653		-0.5	
2-Nitrophenol	0.185	0.192		3.8	20.0
2,4-Dimethylphenol	0.236	0.234		-0.8	
bis(2-Chloroethoxy)methane	0.418	0.414		-1.0	
2,4-Dichlorophenol	0.289	0.297		2.8	20.0
Naphthalene	1.057	1.079		2.1	
4-Chloroaniline	0.358	0.348		-2.8	
Hexachlorobutadiene	0.194	0.207		6.7	20.0
Caprolactam	0.094	0.095		1.1	
4-Chloro-3-methylphenol	0.310	0.324		4.5	20.0
2-Methylnaphthalene	0.672	0.690		2.7	
Hexachlorocyclopentadiene	0.168	0.185	0.050	10.1	
2,4,6-Trichlorophenol	0.372	0.384		3.2	20.0
2-Fluorobiphenyl	1.299	1.315		1.2	
2,4,5-Trichlorophenol	0.405	0.416		2.7	
1,1-Biphenyl	1.560	1.548		-0.8	
2-Chloronaphthalene	1.216	1.208		-0.7	
2-Nitroaniline	0.382	0.392		2.6	
Dimethylphthalate	1.351	1.368		1.3	
Acenaphthylene	1.702	1.699		-0.2	
2,6-Dinitrotoluene	0.314	0.315		0.3	
3-Nitroaniline	0.307	0.322		4.9	
Acenaphthene	1.216	1.239		1.9	20.0
2,4-Dinitrophenol	0.146	0.163	0.050	11.6	
4-Nitrophenol	0.225	0.256	0.050	13.8	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.627	1.650		1.4	
2,4-Dinitrotoluene	0.406	0.426		4.9	
Diethylphthalate	1.310	1.343		2.5	
4-Chlorophenyl-phenylether	0.617	0.635		2.9	
Fluorene	1.262	1.311		3.9	
4-Nitroaniline	0.302	0.331		9.6	
4,6-Dinitro-2-methylphenol	0.118	0.139		17.8	
n-Nitrosodiphenylamine	0.647	0.658		1.7	20.0
2,4,6-Tribromophenol	0.183	0.200		9.3	
4-Bromophenyl-phenylether	0.224	0.234		4.5	
Hexachlorobenzene	0.238	0.249		4.6	
Atrazine	0.216	0.216		0.0	
Pentachlorophenol	0.139	0.152		9.4	20.0
Phenanthrene	1.075	1.130		5.1	
Anthracene	1.053	1.117		6.1	
Carbazole	0.934	1.033		10.6	
Di-n-butylphthalate	1.132	1.220		7.8	
Fluoranthene	1.062	1.211		14.0	20.0
Pyrene	1.920	1.679		-12.6	
Terphenyl-d14	1.297	1.144		-11.8	
Butylbenzylphthalate	0.671	0.642		-4.3	
3,3-Dichlorobenzidine	0.439	0.436		-0.7	
Benzo (a) anthracene	1.380	1.322		-4.2	
Chrysene	1.265	1.235		-2.4	
Bis(2-ethylhexyl)phthalate	0.851	0.896		5.3	
Di-n-octyl phthalate	1.321	1.471		11.4	20.0
Benzo (b) fluoranthene	1.258	1.389		10.4	
Benzo (k) fluoranthene	1.114	1.030		-7.5	
Benzo (a) pyrene	1.063	1.103		3.8	20.0
Indeno (1,2,3-cd) pyrene	1.291	1.398		8.3	
Dibenzo (a,h) anthracene	1.039	1.124		8.2	
Benzo (g,h,i) perylene	1.080	1.182		9.4	
1,2,4,5-Tetrachlorobenzene	0.569	0.572		0.5	
1,4-Dioxane	0.573	0.630		9.9	20.0
2,3,4,6-Tetrachlorophenol	0.319	0.342		7.2	

All other compounds must meet a minimum RRF of 0.010.