

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PORT06  
 Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG No.: P4718  
 Instrument ID: BNA\_F Calibration Date/Time: 11/14/2024 09:42  
 Lab File ID: BF140351.D Init. Calib. Date(s): 11/13/2024 11/13/2024  
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 12:48  
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.171	1.155		-1.4	
Benzaldehyde	0.951	0.837		-12.0	
Phenol-d6	1.587	1.544		-2.7	
Phenol	1.674	1.661		-0.8	20.0
bis(2-Chloroethyl)ether	1.268	1.235		-2.6	
2-Chlorophenol	1.258	1.240		-1.4	
2-Methylphenol	1.035	1.025		-1.0	
2,2-oxybis(1-Chloropropane)	1.752	1.728		-1.4	
Acetophenone	0.465	0.458		-1.5	
3+4-Methylphenols	1.295	1.274		-1.6	
n-Nitroso-di-n-propylamine	0.959	0.924	0.050	-3.7	
Nitrobenzene-d5	0.384	0.378		-1.6	
Hexachloroethane	0.520	0.513		-1.3	
Nitrobenzene	0.400	0.400		0.0	
Isophorone	0.680	0.659		-3.1	
2-Nitrophenol	0.177	0.182		2.8	20.0
2,4-Dimethylphenol	0.227	0.225		-0.9	
bis(2-Chloroethoxy)methane	0.417	0.409		-1.9	
2,4-Dichlorophenol	0.281	0.283		0.7	20.0
Naphthalene	1.015	0.996		-1.9	
4-Chloroaniline	0.353	0.336		-4.8	
Hexachlorobutadiene	0.199	0.201		1.0	20.0
Caprolactam	0.093	0.093		0.0	
4-Chloro-3-methylphenol	0.311	0.310		-0.3	20.0
2-Methylnaphthalene	0.651	0.642		-1.4	
Hexachlorocyclopentadiene	0.142	0.145	0.050	2.1	
2,4,6-Trichlorophenol	0.363	0.371		2.2	20.0
2-Fluorobiphenyl	1.244	1.208		-2.9	
2,4,5-Trichlorophenol	0.397	0.392		-1.3	
1,1-Biphenyl	1.455	1.432		-1.6	
2-Chloronaphthalene	1.108	1.084		-2.2	
2-Nitroaniline	0.368	0.361		-1.9	
Dimethylphthalate	1.304	1.276		-2.1	
Acenaphthylene	1.677	1.653		-1.5	
2,6-Dinitrotoluene	0.297	0.295		-0.7	
3-Nitroaniline	0.312	0.311		-0.3	
Acenaphthene	1.133	1.111		-1.9	20.0
2,4-Dinitrophenol	0.153	0.148	0.050	-3.3	
4-Nitrophenol	0.228	0.231	0.050	1.3	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.603	1.580		-1.4	
2,4-Dinitrotoluene	0.391	0.398		1.8	
Diethylphthalate	1.333	1.296		-2.8	
4-Chlorophenyl-phenylether	0.625	0.617		-1.3	
Fluorene	1.267	1.226		-3.2	
4-Nitroaniline	0.319	0.315		-1.3	
4,6-Dinitro-2-methylphenol	0.108	0.112		3.7	
n-Nitrosodiphenylamine	0.578	0.561		-2.9	20.0
2,4,6-Tribromophenol	0.199	0.193		-3.0	
4-Bromophenyl-phenylether	0.200	0.194		-3.0	
Hexachlorobenzene	0.225	0.220		-2.2	
Atrazine	0.175	0.163		-6.9	
Pentachlorophenol	0.121	0.124		2.5	20.0
Phenanthrene	0.940	0.898		-4.5	
Anthracene	0.921	0.904		-1.8	
Carbazole	0.909	0.882		-3.0	
Di-n-butylphthalate	1.091	1.078		-1.2	
Fluoranthene	1.054	1.005		-4.6	20.0
Pyrene	1.711	1.794		4.9	
Terphenyl-d14	1.152	1.182		2.6	
Butylbenzylphthalate	0.657	0.714		8.7	
3,3-Dichlorobenzidine	0.418	0.406		-2.9	
Benzo(a)anthracene	1.314	1.285		-2.2	
Chrysene	1.199	1.151		-4.0	
Bis(2-ethylhexyl)phthalate	0.877	0.945		7.8	
Di-n-octyl phthalate	1.235	1.259		1.9	20.0
Benzo(b)fluoranthene	1.308	1.183		-9.6	
Benzo(k)fluoranthene	1.069	1.083		1.3	
Benzo(a)pyrene	1.016	1.001		-1.5	20.0
Indeno(1,2,3-cd)pyrene	1.235	1.314		6.4	
Dibenzo(a,h)anthracene	1.021	1.090		6.8	
Benzo(g,h,i)perylene	1.044	1.103		5.7	
1,2,4,5-Tetrachlorobenzene	0.553	0.537		-2.9	
1,4-Dioxane	0.522	0.522		0.0	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.315		0.6	

All other compounds must meet a minimum RRF of 0.010.