

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02
Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG No.: P3845
Instrument ID: BNA_F Calibration Date/Time: 09/16/2024 10:36
Lab File ID: BF139377.D Init. Calib. Date(s): 09/13/2024 09/13/2024
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:32 19:44
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.226	1.218		-0.7	
Phenol-d6	1.609	1.574		-2.2	
Phenol	1.639	1.629		-0.6	20.0
2-Chlorophenol	1.262	1.247		-1.2	
2-Methylphenol	1.003	0.996		-0.7	
3+4-Methylphenols	1.368	1.341		-2.0	
Nitrobenzene-d5	0.425	0.443		4.2	
2-Nitrophenol	0.171	0.177		3.5	20.0
2,4-Dimethylphenol	0.225	0.233		3.6	
2,4-Dichlorophenol	0.286	0.291		1.7	20.0
Benzoic acid	0.211	0.219		3.8	
4-Chloro-3-methylphenol	0.327	0.331		1.2	20.0
2,4,6-Trichlorophenol	0.386	0.406		5.2	20.0
2-Fluorobiphenyl	1.426	1.488		4.3	
2,4,5-Trichlorophenol	0.407	0.418		2.7	
2,4-Dinitrophenol	0.162	0.157	0.050	-3.1	
4-Nitrophenol	0.240	0.241	0.050	0.4	
4,6-Dinitro-2-methylphenol	0.106	0.114		7.5	
2,4,6-Tribromophenol	0.213	0.208		-2.3	
Pentachlorophenol	0.140	0.150		7.1	20.0
Terphenyl-d14	1.218	1.320		8.4	
2,3,4,6-Tetrachlorophenol	0.336	0.349		3.9	

All other compounds must meet a minimum RRF of 0.010.