

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG No.: Q1502

Instrument ID: BNA_F Calibration Date/Time: 03/13/2025 12:17

Lab File ID: BF141939.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.154		-3.7	
Phenol-d6	1.526	1.446		-5.2	
Phenol	1.605	1.528		-4.8	20.0
2-Chlorophenol	1.329	1.276		-4.0	
2-Methylphenol	1.057	0.994		-6.0	
3+4-Methylphenols	1.354	1.268		-6.4	
Nitrobenzene-d5	0.355	0.344		-3.1	
2-Nitrophenol	0.173	0.171		-1.2	20.0
2,4-Dimethylphenol	0.239	0.230		-3.8	
2,4-Dichlorophenol	0.296	0.284		-4.1	20.0
Benzoic acid	0.210	0.221		5.2	
4-Chloro-3-methylphenol	0.331	0.312		-5.7	20.0
2,4,6-Trichlorophenol	0.398	0.393		-1.3	20.0
2-Fluorobiphenyl	1.315	1.265		-3.8	
2,4,5-Trichlorophenol	0.403	0.393		-2.5	
2,4-Dinitrophenol	0.139	0.155	0.050	11.5	
4-Nitrophenol	0.223	0.230	0.050	3.1	
4,6-Dinitro-2-methylphenol	0.119	0.125		5.0	
2,4,6-Tribromophenol	0.254	0.253		-0.4	
Pentachlorophenol	0.170	0.180		5.9	20.0
Terphenyl-d14	1.353	1.361		0.6	
2,3,4,6-Tetrachlorophenol	0.367	0.364		-0.8	

All other compounds must meet a minimum RRF of 0.010.