

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_P Calibration Date/Time: 03/13/2025 10:22

Lab File ID: BP024171.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.253	1.221		-2.6	
Phenol-d6	1.675	1.634		-2.4	
Phenol	1.691	1.632		-3.5	20.0
2-Chlorophenol	1.353	1.312		-3.0	
2-Methylphenol	1.061	1.039		-2.1	
3+4-Methylphenols	1.457	1.437		-1.4	
Nitrobenzene-d5	0.354	0.352		-0.6	
2-Nitrophenol	0.167	0.169		1.2	20.0
2,4-Dimethylphenol	0.215	0.215		0.0	
2,4-Dichlorophenol	0.291	0.291		0.0	20.0
Benzoic acid	0.209	0.221		5.7	
4-Chloro-3-methylphenol	0.313	0.338		8.0	20.0
2,4,6-Trichlorophenol	0.367	0.367		0.0	20.0
2-Fluorobiphenyl	1.356	1.335		-1.5	
2,4,5-Trichlorophenol	0.403	0.406		0.7	
2,4-Dinitrophenol	0.156	0.164	0.050	5.1	
4-Nitrophenol	0.266	0.287	0.050	7.9	
4,6-Dinitro-2-methylphenol	0.119	0.117		-1.7	
2,4,6-Tribromophenol	0.252	0.256		1.6	
Pentachlorophenol	0.168	0.176		4.8	20.0
Terphenyl-d14	0.969	0.947		-2.3	
2,3,4,6-Tetrachlorophenol	0.356	0.358		0.6	

All other compounds must meet a minimum RRF of 0.010.