

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984 SDG No.: Q1984

Instrument ID: BNA_P Calibration Date/Time: 05/20/2025 11:52

Lab File ID: BP024703.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.129		-3.4	
Phenol-d6	1.492	1.410		-5.5	
Nitrobenzene-d5	0.396	0.375		-5.3	
Naphthalene	1.036	0.995		-4.0	
2-Methylnaphthalene	0.671	0.634		-5.5	
2-Fluorobiphenyl	1.527	1.512		-1.0	
Acenaphthylene	1.886	1.792		-5.0	
Acenaphthene	1.084	1.035		-4.5	20.0
Fluorene	1.410	1.354		-4.0	
2,4,6-Tribromophenol	0.339	0.348		2.7	
Phenanthrene	1.112	1.065		-4.2	
Anthracene	1.119	1.093		-2.3	
Fluoranthene	1.300	1.234		-5.1	20.0
Pyrene	1.198	1.171		-2.3	
Terphenyl-d14	1.166	1.167		0.1	
Benzo (a) anthracene	1.256	1.210		-3.7	
Chrysene	1.190	1.135		-4.6	
Benzo (b) fluoranthene	1.145	1.102		-3.8	
Benzo (k) fluoranthene	1.180	1.133		-4.0	
Benzo (a) pyrene	1.099	1.069		-2.7	20.0
Indeno (1,2,3-cd) pyrene	1.460	1.420		-2.7	
Dibenzo (a,h) anthracene	1.188	1.154		-2.9	
Benzo (g,h,i) perylene	1.181	1.129		-4.4	

All other compounds must meet a minimum RRF of 0.010.