

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: 05/21/2025 00:47

Lab File ID: BP024720.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	1.054		-9.8	
Phenol-d6	1.492	1.367		-8.4	
Nitrobenzene-d5	0.396	0.340		-14.1	
Naphthalene	1.036	0.994		-4.1	
2-Methylnaphthalene	0.671	0.647		-3.6	
2-Fluorobiphenyl	1.527	1.549		1.4	
Acenaphthylene	1.886	1.829		-3.0	
Acenaphthene	1.084	1.052		-3.0	20.0
Fluorene	1.410	1.407		-0.2	
2,4,6-Tribromophenol	0.339	0.379		11.8	
Phenanthrene	1.112	1.079		-3.0	
Anthracene	1.119	1.095		-2.1	
Fluoranthene	1.300	1.301		0.1	20.0
Pyrene	1.198	1.145		-4.4	
Terphenyl-d14	1.166	1.161		-0.4	
Benzo (a) anthracene	1.256	1.219		-2.9	
Chrysene	1.190	1.152		-3.2	
Benzo (b) fluoranthene	1.145	1.117		-2.4	
Benzo (k) fluoranthene	1.180	1.108		-6.1	
Benzo (a) pyrene	1.099	1.069		-2.7	20.0
Indeno (1,2,3-cd) pyrene	1.460	1.442		-1.2	
Dibenzo (a,h) anthracene	1.188	1.185		-0.3	
Benzo (g,h,i) perylene	1.181	1.149		-2.7	

All other compounds must meet a minimum RRF of 0.010.