

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259 SDG No.: Q2259

Instrument ID: BNA_F Calibration Date/Time: 06/10/2025 09:39

Lab File ID: BF142701.D Init. Calib. Date(s): 06/09/2025 06/09/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:09 16:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.178	1.169		-0.8	
Phenol-d6	1.381	1.389		0.6	
Nitrobenzene-d5	0.364	0.361		-0.8	
Naphthalene	0.986	0.964		-2.2	
2-Methylnaphthalene	0.620	0.597		-3.7	
2-Fluorobiphenyl	1.462	1.415		-3.2	
Acenaphthylene	1.931	1.879		-2.7	
Acenaphthene	1.181	1.157		-2.0	20.0
Fluorene	1.355	1.285		-5.2	
2,4,6-Tribromophenol	0.225	0.215		-4.4	
Phenanthrene	1.069	1.023		-4.3	
Anthracene	1.110	1.066		-4.0	
Fluoranthene	1.071	1.067		-0.4	20.0
Pyrene	1.630	1.770		8.6	
Terphenyl-d14	1.265	1.356		7.2	
Benzo (a) anthracene	1.298	1.301		0.2	
Chrysene	1.229	1.150		-6.4	
Benzo (b) fluoranthene	1.195	1.209		1.2	
Benzo (k) fluoranthene	1.124	1.099		-2.2	
Benzo (a) pyrene	1.120	1.103		-1.5	20.0
Indeno (1,2,3-cd) pyrene	1.415	1.445		2.1	
Dibenzo (a,h) anthracene	1.139	1.178		3.4	
Benzo (g,h,i) perylene	1.179	1.192		1.1	

All other compounds must meet a minimum RRF of 0.010.