

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: BNA_F Calibration Date/Time: 02/20/2025 10:04

Lab File ID: BF141695.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.380		8.1	
Phenol-d6	1.612	1.662		3.1	
Nitrobenzene-d5	0.383	0.389		1.6	
Naphthalene	1.041	1.079		3.7	
2-Methylnaphthalene	0.677	0.688		1.6	
2-Fluorobiphenyl	1.298	1.374		5.9	
Acenaphthylene	1.705	1.774		4.0	
Acenaphthene	1.147	1.173		2.3	20.0
Fluorene	1.301	1.309		0.6	
2,4,6-Tribromophenol	0.201	0.194		-3.5	
Phenanthrene	1.101	1.150		4.4	
Anthracene	1.107	1.149		3.8	
Fluoranthene	1.167	1.123		-3.8	20.0
Pyrene	1.703	1.757		3.2	
Terphenyl-d14	1.185	1.224		3.3	
Benzo (a) anthracene	1.329	1.379		3.8	
Chrysene	1.228	1.270		3.4	
Benzo (b) fluoranthene	1.343	1.279		-4.8	
Benzo (k) fluoranthene	1.147	1.185		3.3	
Benzo (a) pyrene	1.087	1.123		3.3	20.0
Indeno (1,2,3-cd) pyrene	1.236	1.365		10.4	
Dibenzo (a,h) anthracene	1.001	1.109		10.8	
Benzo (g,h,i) perylene	1.048	1.149		9.6	

All other compounds must meet a minimum RRF of 0.010.