

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: 02/19/2025 12:47

Lab File ID: BF141671.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	1.268		-0.6	
Phenol-d6	1.612	1.516		-6.0	
Nitrobenzene-d5	0.383	0.376		-1.8	
Naphthalene	1.041	1.031		-1.0	
2-Methylnaphthalene	0.677	0.645		-4.7	
2-Fluorobiphenyl	1.298	1.297		-0.1	
Acenaphthylene	1.705	1.672		-1.9	
Acenaphthene	1.147	1.117		-2.6	20.0
Fluorene	1.301	1.226		-5.8	
2,4,6-Tribromophenol	0.201	0.184		-8.5	
Phenanthrene	1.101	1.096		-0.5	
Anthracene	1.107	1.097		-0.9	
Fluoranthene	1.167	1.008		-13.6	20.0
Pyrene	1.703	1.635		-4.0	
Terphenyl-d14	1.185	1.112		-6.2	
Benzo (a) anthracene	1.329	1.308		-1.6	
Chrysene	1.228	1.230		0.2	
Benzo (b) fluoranthene	1.343	1.306		-2.8	
Benzo (k) fluoranthene	1.147	0.989		-13.8	
Benzo (a) pyrene	1.087	1.087		0.0	20.0
Indeno (1,2,3-cd) pyrene	1.236	1.454		17.6	
Dibenzo (a,h) anthracene	1.001	1.184		18.3	
Benzo (g,h,i) perylene	1.048	1.265		20.7	

All other compounds must meet a minimum RRF of 0.010.