

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1237 SAS No.: Q1237 SDG No.: Q1237

Instrument ID: BNA_F Calibration Date/Time: 02/13/2025 10:07

Lab File ID: BF141603.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	1.273		-0.2	
Phenol-d6	1.612	1.560		-3.2	
Nitrobenzene-d5	0.383	0.372		-2.9	
Naphthalene	1.041	1.019		-2.1	
2-Fluorobiphenyl	1.298	1.274		-1.8	
Acenaphthylene	1.705	1.684		-1.2	
Acenaphthene	1.147	1.129		-1.6	20.0
Fluorene	1.301	1.264		-2.8	
2,4,6-Tribromophenol	0.201	0.195		-3.0	
Phenanthrene	1.101	1.082		-1.7	
Anthracene	1.107	1.088		-1.7	
Fluoranthene	1.167	1.099		-5.8	20.0
Pyrene	1.703	1.862		9.3	
Terphenyl-d14	1.185	1.287		8.6	
Benzo (a) anthracene	1.329	1.310		-1.4	
Chrysene	1.228	1.180		-3.9	
Benzo (b) fluoranthene	1.343	1.230		-8.4	
Benzo (k) fluoranthene	1.147	1.181		3.0	
Benzo (a) pyrene	1.087	1.082		-0.5	20.0
Indeno (1,2,3-cd) pyrene	1.236	1.412		14.2	
Dibenzo (a,h) anthracene	1.001	1.153		15.2	
Benzo (g,h,i) perylene	1.048	1.199		14.4	

All other compounds must meet a minimum RRF of 0.010.