

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: 02/11/2025 10:28

Lab File ID: BF141551.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	1.265		-0.9	
Phenol-d6	1.612	1.593		-1.2	
Nitrobenzene-d5	0.383	0.379		-1.0	
Naphthalene	1.041	1.028		-1.2	
2-Fluorobiphenyl	1.298	1.271		-2.1	
Acenaphthylene	1.705	1.686		-1.1	
Acenaphthene	1.147	1.121		-2.3	20.0
Fluorene	1.301	1.291		-0.8	
2,4,6-Tribromophenol	0.201	0.201		0.0	
Phenanthrene	1.101	1.067		-3.1	
Anthracene	1.107	1.091		-1.4	
Fluoranthene	1.167	1.112		-4.7	20.0
Pyrene	1.703	1.914		12.4	
Terphenyl-d14	1.185	1.330		12.2	
Benzo (a) anthracene	1.329	1.313		-1.2	
Chrysene	1.228	1.216		-1.0	
Benzo (b) fluoranthene	1.343	1.314		-2.2	
Benzo (k) fluoranthene	1.147	1.062		-7.4	
Benzo (a) pyrene	1.087	1.065		-2.0	20.0
Indeno (1,2,3-cd) pyrene	1.236	1.357		9.8	
Dibenzo (a,h) anthracene	1.001	1.106		10.5	
Benzo (g,h,i) perylene	1.048	1.156		10.3	

All other compounds must meet a minimum RRF of 0.010.