

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1492 SAS No.: Q1492 SDG No.: Q1492

Instrument ID: BNA_F Calibration Date/Time: 03/11/2025 11:51

Lab File ID: BF141910.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.135		-5.3	
Phenol-d6	1.526	1.442		-5.5	
Nitrobenzene-d5	0.355	0.347		-2.3	
Naphthalene	1.027	0.978		-4.8	
2-Fluorobiphenyl	1.315	1.239		-5.8	
Acenaphthylene	1.681	1.623		-3.5	
Acenaphthene	1.181	1.139		-3.6	20.0
Fluorene	1.302	1.239		-4.8	
2,4,6-Tribromophenol	0.254	0.255		0.4	
Phenanthrene	1.080	1.027		-4.9	
Anthracene	1.084	1.031		-4.9	
Fluoranthene	1.146	1.067		-6.9	20.0
Pyrene	1.730	1.662		-3.9	
Terphenyl-d14	1.353	1.336		-1.3	
Benzo (a) anthracene	1.312	1.219		-7.1	
Chrysene	1.190	1.169		-1.8	
Benzo (b) fluoranthene	1.371	1.224		-10.7	
Benzo (k) fluoranthene	1.173	1.141		-2.7	
Benzo (a) pyrene	1.073	1.020		-4.9	20.0
Indeno (1,2,3-cd) pyrene	1.294	1.240		-4.2	
Dibenzo (a,h) anthracene	1.067	1.021		-4.3	
Benzo (g,h,i) perylene	1.055	1.000		-5.2	

All other compounds must meet a minimum RRF of 0.010.