

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG No.: Q1858

Instrument ID: BNA_M Calibration Date/Time: 04/23/2025 10:38

Lab File ID: BM050007.D Init. Calib. Date(s): 04/08/2025 04/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:35 20:07

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.178	1.114		-5.4	
Phenol-d6	1.465	1.377		-6.0	
Nitrobenzene-d5	0.359	0.354		-1.4	
Naphthalene	1.028	0.987		-4.0	
2-Fluorobiphenyl	1.475	1.485		0.7	
Fluorene	1.439	1.386		-3.7	
2,4,6-Tribromophenol	0.291	0.283		-2.7	
Phenanthrene	1.096	1.052		-4.0	
Anthracene	1.081	1.051		-2.8	
Pyrene	1.378	1.424		3.3	
Terphenyl-d14	1.067	1.201		12.5	
Benzo (a) anthracene	1.329	1.296		-2.5	
Chrysene	1.264	1.209		-4.4	
Benzo (b) fluoranthene	1.277	1.250		-2.1	
Benzo (a) pyrene	1.122	1.069		-4.7	20.0
Indeno (1,2,3-cd) pyrene	1.491	1.378		-7.6	
Benzo (g,h,i) perylene	1.255	1.140		-9.2	

All other compounds must meet a minimum RRF of 0.010.