

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: BNA_M Calibration Date/Time: 04/11/2025 09:37

Lab File ID: BM049893.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	1.163		-1.3	
Phenol-d6	1.465	1.462		-0.2	
Nitrobenzene-d5	0.359	0.359		0.0	
Naphthalene	1.028	1.029		0.1	
2-Fluorobiphenyl	1.475	1.507		2.2	
Acenaphthylene	1.702	1.713		0.6	
Acenaphthene	1.083	1.090		0.6	20.0
Fluorene	1.439	1.417		-1.5	
2,4,6-Tribromophenol	0.291	0.301		3.4	
Phenanthrene	1.096	1.113		1.6	
Anthracene	1.081	1.100		1.8	
Fluoranthene	1.348	1.335		-1.0	20.0
Pyrene	1.378	1.461		6.0	
Terphenyl-d14	1.067	1.192		11.7	
Benzo (a) anthracene	1.329	1.349		1.5	
Chrysene	1.264	1.285		1.7	
Benzo (b) fluoranthene	1.277	1.270		-0.5	
Benzo (k) fluoranthene	1.238	1.224		-1.1	
Benzo (a) pyrene	1.122	1.121		-0.1	20.0
Indeno (1,2,3-cd) pyrene	1.491	1.476		-1.0	
Dibenzo (a,h) anthracene	1.228	1.216		-1.0	
Benzo (g,h,i) perylene	1.255	1.234		-1.7	

All other compounds must meet a minimum RRF of 0.010.