

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1872 SAS No.: Q1872 SDG No.: Q1872

Instrument ID: BNA_N Calibration Date/Time: 05/14/2025 10:31

Lab File ID: BN037009.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 17:41 21:17

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.563	0.552		-2.0	20.0
Fluoranthene-d10	1.097	1.065		-2.9	20.0
2-Fluorophenol	1.048	1.078		2.9	20.0
Phenol-d6	1.311	1.303		-0.6	20.0
Nitrobenzene-d5	0.436	0.407		-6.7	20.0
Naphthalene	1.182	1.143		-3.3	20.0
2-Methylnaphthalene	0.760	0.746		-1.8	20.0
2-Fluorobiphenyl	1.832	1.850		1.0	20.0
Acenaphthylene	1.947	1.886		-3.1	20.0
Acenaphthene	1.272	1.258		-1.1	20.0
Fluorene	1.669	1.651		-1.1	20.0
2,4,6-Tribromophenol	0.176	0.176		0.0	20.0
Phenanthrene	1.307	1.314		0.5	20.0
Anthracene	1.190	1.155		-2.9	20.0
Fluoranthene	1.562	1.510		-3.3	20.0
Pyrene	1.711	1.769		3.4	20.0
Terphenyl-d14	0.856	0.892		4.2	20.0
Benzo (a) anthracene	1.506	1.459		-3.1	20.0
Chrysene	1.593	1.655		3.9	20.0
Benzo (b) fluoranthene	1.659	1.632		-1.6	20.0
Benzo (k) fluoranthene	1.639	1.622		-1.0	20.0
Benzo (a) pyrene	1.407	1.369		-2.7	20.0
Indeno (1,2,3-cd) pyrene	1.634	1.641		0.4	20.0
Dibenzo (a,h) anthracene	1.273	1.261		-0.9	20.0
Benzo (g,h,i) perylene	1.383	1.425		3.0	20.0

All other compounds must meet a minimum RRF of 0.010.