

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: 05/08/2025 14:28

Lab File ID: BN036972.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:35 15:12

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.559	0.538		-3.8	20.0
Fluoranthene-d10	1.037	1.049		1.2	20.0
2-Fluorophenol	1.023	1.032		0.9	20.0
Phenol-d6	1.259	1.275		1.3	20.0
Nitrobenzene-d5	0.418	0.416		-0.5	20.0
Naphthalene	1.164	1.153		-0.9	20.0
2-Methylnaphthalene	0.753	0.727		-3.5	20.0
2-Fluorobiphenyl	1.933	1.961		1.4	20.0
Acenaphthylene	1.955	1.883		-3.7	20.0
Acenaphthene	1.284	1.257		-2.1	20.0
Fluorene	1.680	1.650		-1.8	20.0
2,4,6-Tribromophenol	0.178	0.170		-4.5	20.0
Phenanthrene	1.320	1.289		-2.3	20.0
Anthracene	1.194	1.137		-4.8	20.0
Fluoranthene	1.480	1.491		0.7	20.0
Pyrene	1.927	1.709		-11.3	20.0
Terphenyl-d14	0.944	0.862		-8.7	20.0
Benzo (a) anthracene	1.473	1.428		-3.1	20.0
Chrysene	1.589	1.647		3.7	20.0
Benzo (b) fluoranthene	1.682	1.614		-4.0	20.0
Benzo (k) fluoranthene	1.691	1.621		-4.1	20.0
Benzo (a) pyrene	1.383	1.364		-1.4	20.0
Indeno (1,2,3-cd) pyrene	1.634	1.641		0.4	20.0
Dibenzo (a,h) anthracene	1.286	1.237		-3.8	20.0
Benzo (g,h,i) perylene	1.427	1.434		0.5	20.0

All other compounds must meet a minimum RRF of 0.010.