

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG No.: Q1502

Instrument ID: BNA_N Calibration Date/Time: 03/14/2025 10:09

Lab File ID: BN036601.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:42 15:19

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.595	0.593		-0.3	20.0
Fluoranthene-d10	1.025	1.108		8.1	20.0
2-Fluorophenol	0.932	0.929		-0.3	20.0
Phenol-d6	1.152	1.129		-2.0	20.0
Nitrobenzene-d5	0.435	0.423		-2.8	20.0
Naphthalene	1.177	1.208		2.6	20.0
2-Fluorobiphenyl	2.327	2.416		3.8	20.0
Acenaphthylene	1.888	1.966		4.1	20.0
Acenaphthene	1.236	1.276		3.2	20.0
Fluorene	1.672	1.785		6.8	20.0
2,4,6-Tribromophenol	0.182	0.184		1.1	20.0
Phenanthrene	1.200	1.322		10.2	20.0
Anthracene	1.083	1.170		8.0	20.0
Fluoranthene	1.348	1.494		10.8	20.0
Pyrene	1.956	2.095		7.1	20.0
Terphenyl-d14	0.958	0.974		1.7	20.0
Benzo(a)anthracene	1.391	1.423		2.3	20.0
Chrysene	1.520	1.672		10.0	20.0
Benzo(b)fluoranthene	1.456	1.617		11.1	20.0
Benzo(k)fluoranthene	1.527	1.681		10.1	20.0
Benzo(a)pyrene	1.226	1.352		10.3	20.0
Indeno(1,2,3-cd)pyrene	1.444	1.543		6.9	20.0
Dibenzo(a,h)anthracene	1.124	1.154		2.7	20.0
Benzo(g,h,i)perylene	1.286	1.382		7.5	20.0

All other compounds must meet a minimum RRF of 0.010.