

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: 03/15/2025 08:35

Lab File ID: BN036633.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	0.597		0.3	20.0
Fluoranthene-d10	1.025	1.103		7.6	20.0
2-Fluorophenol	0.932	0.969		4.0	20.0
Phenol-d6	1.152	1.163		1.0	20.0
Nitrobenzene-d5	0.435	0.413		-5.1	20.0
Naphthalene	1.177	1.192		1.3	20.0
2-Fluorobiphenyl	2.327	2.306		-0.9	20.0
Acenaphthylene	1.888	1.962		3.9	20.0
Acenaphthene	1.236	1.288		4.2	20.0
Fluorene	1.672	1.734		3.7	20.0
2,4,6-Tribromophenol	0.182	0.181		-0.5	20.0
Phenanthrene	1.200	1.325		10.4	20.0
Anthracene	1.083	1.167		7.8	20.0
Fluoranthene	1.348	1.486		10.2	20.0
Pyrene	1.956	2.216		13.3	20.0
Terphenyl-d14	0.958	1.011		5.5	20.0
Benzo(a)anthracene	1.391	1.406		1.1	20.0
Chrysene	1.520	1.692		11.3	20.0
Benzo(b)fluoranthene	1.456	1.678		15.2	20.0
Benzo(k)fluoranthene	1.527	1.734		13.6	20.0
Benzo(a)pyrene	1.226	1.426		16.3	20.0
Indeno(1,2,3-cd)pyrene	1.444	1.566		8.4	20.0
Dibenzo(a,h)anthracene	1.124	1.148		2.1	20.0
Benzo(g,h,i)perylene	1.286	1.394		8.4	20.0

All other compounds must meet a minimum RRF of 0.010.