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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG No.: Q3483

Instrument ID: BNA_N Calibration Date/Time: 12/01/2025 10:23

Lab File ID: BN038222.D Init. Calib. Date(s): 11/26/2025 11/27/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 20:35 00:13

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.568	0.586		3.2	20.0
Fluoranthene-d10	0.868	0.913		5.2	20.0
2-Fluorophenol	0.935	0.918		-1.8	20.0
Phenol-d6	1.168	1.147		-1.8	20.0
Nitrobenzene-d5	0.320	0.313		-2.2	20.0
Naphthalene	1.111	1.175		5.8	20.0
2-Methylnaphthalene	0.731	0.767		4.9	20.0
2-Fluorobiphenyl	1.545	1.642		6.3	20.0
Acenaphthylene	1.789	1.856		3.7	20.0
Acenaphthene	1.247	1.318		5.7	20.0
Fluorene	1.614	1.720		6.6	20.0
2,4,6-Tribromophenol	0.126	0.135		7.1	20.0
Phenanthrene	1.256	1.292		2.9	20.0
Anthracene	1.071	1.084		1.2	20.0
Fluoranthene	1.210	1.315		8.7	20.0
Pyrene	1.998	2.356		17.9	20.0
Terphenyl-d14	0.924	0.969		4.9	20.0
Benzo(a)anthracene	1.355	1.417		4.6	20.0
Chrysene	1.599	1.727		8.0	20.0
Benzo(b)fluoranthene	1.642	1.699		3.5	20.0
Benzo(k)fluoranthene	1.707	1.786		4.6	20.0
Benzo(a)pyrene	1.376	1.344		-2.3	20.0
Indeno(1,2,3-cd)pyrene	1.851	1.610		-13.0	20.0
Dibenzo(a,h)anthracene	1.401	1.136		-18.9	20.0
Benzo(g,h,i)perylene	1.674	1.675		0.1	20.0

All other compounds must meet a minimum RRF of 0.010.