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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: LIRO01

Lab Code: ACE SDG No.: Q3468

Instrument ID: BNA_G Calibration Date/Time: 10/29/2025 11:22

Lab File ID: BG064618.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.266		6.2	
Phenol-d6	1.635	1.656		1.3	
Nitrobenzene-d5	0.333	0.401		20.4	
2-Fluorobiphenyl	1.319	1.473		11.7	
Acenaphthylene	1.693	1.770		4.5	
Acenaphthene	1.157	1.225		5.9	20.0
Fluorene	1.460	1.476		1.1	
2,4,6-Tribromophenol	0.289	0.312		8.0	
Phenanthrene	1.094	1.132		3.5	
Anthracene	1.113	1.125		1.1	
Fluoranthene	1.370	1.343		-2.0	20.0
Pyrene	1.307	1.322		1.1	
Terphenyl-d14	1.060	1.074		1.3	
Benzo(a)anthracene	1.326	1.395		5.2	
Chrysene	1.262	1.298		2.9	
Benzo(b)fluoranthene	1.226	1.236		0.8	
Benzo(k)fluoranthene	1.227	1.235		0.7	
Benzo(a)pyrene	1.127	1.157		2.7	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.519		3.3	
Dibenzo(a,h)anthracene	1.195	1.241		3.8	
Benzo(g,h,i)perylene	1.142	1.182		3.5	

All other compounds must meet a minimum RRF of 0.010.