

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>NOBI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2558</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/17/2025 05:30</u>
Lab File ID:	<u>BF143137.D</u>	Init. Calib. Date(s):	<u>07/15/2025 07/15/2025</u>
EPA Sample No.:	<u>SSTDCCC040EC</u>	Init. Calib. Time(s):	<u>13:04 16:35</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.266	1.239		-2.1	50.0
Phenol-d6	1.591	1.544		-3.0	50.0
Nitrobenzene-d5	0.357	0.412		15.4	50.0
Naphthalene	0.993	0.969		-2.4	50.0
2-Methylnaphthalene	0.592	0.562		-5.1	50.0
2-Fluorobiphenyl	1.505	1.520		1.0	50.0
Acenaphthylene	1.952	1.904		-2.5	50.0
Acenaphthene	1.152	1.066		-7.5	50.0
Fluorene	1.288	1.177		-8.6	50.0
2,4,6-Tribromophenol	0.178	0.163		-8.4	50.0
Phenanthrene	1.079	1.039		-3.7	50.0
Anthracene	1.085	1.066		-1.8	50.0
Fluoranthene	0.981	1.114		13.6	50.0
Pyrene	1.856	1.419		-23.5	50.0
Terphenyl-d14	1.368	1.091		-20.2	50.0
Benzo (a) anthracene	1.333	1.302		-2.3	50.0
Chrysene	1.227	1.199		-2.3	50.0
Benzo (b) fluoranthene	1.154	1.354		17.3	50.0
Benzo (k) fluoranthene	1.101	1.100		-0.1	50.0
Benzo (a) pyrene	1.091	1.124		3.0	50.0
Indeno (1,2,3-cd) pyrene	1.488	1.126		-24.3	50.0
Dibenzo (a,h) anthracene	1.216	0.924		-24.0	50.0
Benzo (g,h,i) perylene	1.240	0.898		-27.6	50.0

All other compounds must meet a minimum RRF of 0.010.