

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
Instrument ID: BNA_N Calibration Date/Time: 11/14/2024 10:12
Lab File ID: BN035082.D Init. Calib. Date(s): 11/13/2024 11/13/2024
EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 12:40 16:15
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.713	0.656		-8.0	20.0
Fluoranthene-d10	1.225	1.132		-7.6	20.0
2-Fluorophenol	1.015	0.916		-9.8	20.0
Phenol-d6	1.273	1.184		-7.0	20.0
Nitrobenzene-d5	0.348	0.308		-11.5	20.0
Naphthalene	1.044	0.964		-7.7	20.0
2-Methylnaphthalene	0.770	0.709		-7.9	20.0
2-Fluorobiphenyl	1.624	1.452		-10.6	20.0
Acenaphthylene	1.709	1.480		-13.4	20.0
Acenaphthene	1.120	0.995		-11.2	20.0
Fluorene	1.648	1.459		-11.5	20.0
2,4,6-Tribromophenol	0.289	0.230		-20.4	20.0
Phenanthrene	1.053	1.000		-5.0	20.0
Anthracene	0.967	0.893		-7.7	20.0
Fluoranthene	1.448	1.348		-6.9	20.0
Pyrene	1.332	1.312		-1.5	20.0
Terphenyl-d14	0.839	0.812		-3.2	20.0
Benzo (a) anthracene	1.393	1.316		-5.5	20.0
Chrysene	1.380	1.342		-2.8	20.0
Benzo (b) fluoranthene	1.346	1.294		-3.9	20.0
Benzo (k) fluoranthene	1.347	1.354		0.5	20.0
Benzo (a) pyrene	1.184	1.122		-5.2	20.0
Indeno (1,2,3-cd) pyrene	1.596	1.484		-7.0	20.0
Dibenzo (a,h) anthracene	1.264	1.174		-7.1	20.0
Benzo (g,h,i) perylene	1.345	1.208		-10.2	20.0

All other compounds must meet a minimum RRF of 0.010.