

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JAC005

Lab Code: CHEM Case No.: P3440 SAS No.: P3440 SDG No.: P3440

Instrument ID: BNA_N Calibration Date/Time: 08/06/2024 01:28

Lab File ID: BN033251.D Init. Calib. Date(s): 08/05/2024 08/05/2024

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 18:39 22:21

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.593	0.588		-0.8	20.0
Fluoranthene-d10	1.119	1.134		1.3	20.0
2-Fluorophenol	0.991	1.074		8.4	20.0
Phenol-d6	1.361	1.349		-0.9	20.0
Nitrobenzene-d5	0.322	0.305		-5.3	20.0
Naphthalene	1.087	1.152		6.0	20.0
2-Methylnaphthalene	0.648	0.599		-7.6	20.0
2-Fluorobiphenyl	1.368	1.384		1.2	20.0
Acenaphthylene	1.596	1.499		-6.1	20.0
Acenaphthene	1.152	1.180		2.4	20.0
Fluorene	1.559	1.587		1.8	20.0
2,4,6-Tribromophenol	0.149	0.141		-5.4	20.0
Phenanthrene	1.076	1.025		-4.7	20.0
Anthracene	0.902	0.790		-12.4	20.0
Fluoranthene	1.476	1.469		-0.5	20.0
Pyrene	1.398	1.367		-2.2	20.0
Terphenyl-d14	0.691	0.665		-3.8	20.0
Benzo(a)anthracene	1.152	1.062		-7.8	20.0
Chrysene	1.547	1.585		2.5	20.0
Benzo(b)fluoranthene	1.213	1.116		-8.0	20.0
Benzo(k)fluoranthene	1.518	1.481		-2.4	20.0
Benzo(a)pyrene	1.218	1.173		-3.7	20.0
Indeno(1,2,3-cd)pyrene	1.808	1.738		-3.9	20.0
Dibenzo(a,h)anthracene	1.428	1.377		-3.6	20.0
Benzo(g,h,i)perylene	1.636	1.616		-1.2	20.0
1,4-Dioxane	0.583	0.629		7.9	20.0

All other compounds must meet a minimum RRF of 0.010.