

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: P5306 SAS No.: P5306 SDG No.: P5306

Instrument ID: BNA_F Calibration Date/Time: 12/20/2024 19:24

Lab File ID: BF140959.D Init. Calib. Date(s): 12/16/2024 12/16/2024

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 12:13 16:15

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.215	1.203		-1.0	50.0
Phenol-d6	1.609	1.593		-1.0	50.0
Nitrobenzene-d5	0.400	0.389		-2.8	50.0
Naphthalene	1.099	1.086		-1.2	50.0
2-Methylnaphthalene	0.727	0.714		-1.8	50.0
2-Fluorobiphenyl	1.455	1.388		-4.6	50.0
Acenaphthylene	1.788	1.788		0.0	50.0
Acenaphthene	1.142	1.133		-0.8	50.0
Fluorene	1.460	1.425		-2.4	50.0
2,4,6-Tribromophenol	0.237	0.232		-2.1	50.0
Phenanthrene	1.028	1.020		-0.8	50.0
Anthracene	1.013	0.994		-1.9	50.0
Fluoranthene	1.184	1.218		2.9	50.0
Pyrene	1.779	1.725		-3.0	50.0
Terphenyl-d14	1.268	1.207		-4.8	50.0
Benzo (a) anthracene	1.417	1.404		-0.9	50.0
Chrysene	1.289	1.227		-4.8	50.0
Benzo (b) fluoranthene	1.388	1.367		-1.5	50.0
Benzo (k) fluoranthene	1.191	1.086		-8.8	50.0
Benzo (a) pyrene	1.087	1.030		-5.2	50.0
Indeno (1,2,3-cd) pyrene	1.248	1.208		-3.2	50.0
Dibenzo (a,h) anthracene	1.034	0.996		-3.7	50.0
Benzo (g,h,i) perylene	1.052	0.977		-7.1	50.0

All other compounds must meet a minimum RRF of 0.010.