284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: BNA_F Calibration Date/Time: 02/20/2025 17:09

Lab File ID: BF141707.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.341		5.1	50.0
Phenol-d6	1.612	1.636		1.5	50.0
Nitrobenzene-d5	0.383	0.381		-0.5	50.0
Naphthalene	1.041	1.043		0.2	50.0
2-Methylnaphthalene	0.677	0.677		0.0	50.0
2-Fluorobiphenyl	1.298	1.328		2.3	50.0
Acenaphthylene	1.705	1.716		0.6	50.0
Acenaphthene	1.147	1.129		-1.6	50.0
Fluorene	1.301	1.292		-0.7	50.0
2,4,6-Tribromophenol	0.201	0.199		-1.0	50.0
Phenanthrene	1.101	1.103		0.2	50.0
Anthracene	1.107	1.115		0.7	50.0
Fluoranthene	1.167	1.096		-6.1	50.0
Pyrene	1.703	1.777		4.3	50.0
Terphenyl-d14	1.185	1.233		4.1	50.0
Benzo(a)anthracene	1.329	1.309		-1.5	50.0
Chrysene	1.228	1.269		3.3	50.0
Benzo(b)fluoranthene	1.343	1.368		1.9	50.0
Benzo(k)fluoranthene	1.147	1.029		-10.3	50.0
Benzo(a)pyrene	1.087	1.086		-0.1	50.0
Indeno(1,2,3-cd)pyrene	1.236	1.352		9.4	50.0
Dibenzo(a,h)anthracene	1.001	1.096		9.5	50.0
Benzo(g,h,i)perylene	1.048	1.157		10.4	50.0

All other compounds must meet a minimum RRF of 0.010.