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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date/Time: 01/31/2025 16:26

Lab File ID: BF141334.D Init. Calib. Date(s): 01/29/2025 01/29/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 10:30 17:05

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.303	1.199		-8.0	50.0
Benzaldehyde	0.960	0.942		-1.9	50.0
Phenol-d6	1.657	1.505		-9.2	50.0
Phenol	1.757	1.599		-9.0	50.0
bis(2-Chloroethyl)ether	1.347	1.234		-8.4	50.0
2-Chlorophenol	1.396	1.293		-7.4	50.0
2-Methylphenol	1.135	1.044		-8.0	50.0
2,2-oxybis(1-Chloropropane)	2.342	2.170		-7.3	50.0
Acetophenone	0.475	0.424		-10.7	50.0
3+4-Methylphenols	1.393	1.246		-10.6	50.0
n-Nitroso-di-n-propylamine	0.985	0.895	0.050	-9.1	50.0
Nitrobenzene-d5	0.379	0.346		-8.7	50.0
Hexachloroethane	0.571	0.527		-7.7	50.0
Nitrobenzene	0.393	0.361		-8.1	50.0
Isophorone	0.656	0.606		-7.6	50.0
2-Nitrophenol	0.185	0.173		-6.5	50.0
2,4-Dimethylphenol	0.236	0.221		-6.4	50.0
bis(2-Chloroethoxy)methane	0.418	0.382		-8.6	50.0
2,4-Dichlorophenol	0.289	0.267		-7.6	50.0
Naphthalene	1.057	0.951		-10.0	50.0
4-Chloroaniline	0.358	0.318		-11.2	50.0
Hexachlorobutadiene	0.194	0.176		-9.3	50.0
Caprolactam	0.094	0.090		-4.3	50.0
4-Chloro-3-methylphenol	0.310	0.291		-6.1	50.0
2-Methylnaphthalene	0.672	0.604		-10.1	50.0
Hexachlorocyclopentadiene	0.168	0.165	0.050	-1.8	50.0
2,4,6-Trichlorophenol	0.372	0.354		-4.8	50.0
2-Fluorobiphenyl	1.299	1.144		-11.9	50.0
2,4,5-Trichlorophenol	0.405	0.376		-7.2	50.0
1,1-Biphenyl	1.560	1.407		-9.8	50.0
2-Chloronaphthalene	1.216	1.096		-9.9	50.0
2-Nitroaniline	0.382	0.361		-5.5	50.0
Dimethylphthalate	1.351	1.249		-7.6	50.0
Acenaphthylene	1.702	1.553		-8.8	50.0
2,6-Dinitrotoluene	0.314	0.296		-5.7	50.0
3-Nitroaniline	0.307	0.286		-6.8	50.0
Acenaphthene	1.216	1.115		-8.3	50.0
2,4-Dinitrophenol	0.146	0.153	0.050	4.8	50.0
4-Nitrophenol	0.225	0.224	0.050	-0.4	50.0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date/Time: 01/31/2025 16:26

Lab File ID: BF141334.D Init. Calib. Date(s): 01/29/2025 01/29/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 10:30 17:05

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.627	1.463		-10.1	50.0
2,4-Dinitrotoluene	0.406	0.391		-3.7	50.0
Diethylphthalate	1.310	1.218		-7.0	50.0
4-Chlorophenyl-phenylether	0.617	0.557		-9.7	50.0
Fluorene	1.262	1.133		-10.2	50.0
4-Nitroaniline	0.302	0.291		-3.6	50.0
4,6-Dinitro-2-methylphenol	0.118	0.131		11.0	50.0
n-Nitrosodiphenylamine	0.647	0.602		-7.0	50.0
2,4,6-Tribromophenol	0.183	0.173		-5.5	50.0
4-Bromophenyl-phenylether	0.224	0.216		-3.6	50.0
Hexachlorobenzene	0.238	0.225		-5.5	50.0
Atrazine	0.216	0.188		-13.0	50.0
Pentachlorophenol	0.139	0.148		6.5	50.0
Phenanthrene	1.075	1.000		-7.0	50.0
Anthracene	1.053	0.994		-5.6	50.0
Carbazole	0.934	0.896		-4.1	50.0
Di-n-butylphthalate	1.132	1.121		-1.0	50.0
Fluoranthene	1.062	1.024		-3.6	50.0
Pyrene	1.920	1.719		-10.5	50.0
Terphenyl-d14	1.297	1.148		-11.5	50.0
Butylbenzylphthalate	0.671	0.661		-1.5	50.0
3,3-Dichlorobenzidine	0.439	0.398		-9.3	50.0
Benzo(a)anthracene	1.380	1.207		-12.5	50.0
Chrysene	1.265	1.129		-10.8	50.0
Bis(2-ethylhexyl)phthalate	0.851	0.822		-3.4	50.0
Di-n-octyl phthalate	1.321	1.290		-2.3	50.0
Benzo(b)fluoranthene	1.258	1.221		-2.9	50.0
Benzo(k)fluoranthene	1.114	0.965		-13.4	50.0
Benzo(a)pyrene	1.063	0.991		-6.8	50.0
Indeno(1,2,3-cd)pyrene	1.291	1.211		-6.2	50.0
Dibenzo(a,h)anthracene	1.039	0.975		-6.2	50.0
Benzo(g,h,i)perylene	1.080	1.035		-4.2	50.0
1,2,4,5-Tetrachlorobenzene	0.569	0.524		-7.9	50.0
1,4-Dioxane	0.573	0.544		-5.1	50.0
2,3,4,6-Tetrachlorophenol	0.319	0.307		-3.8	50.0

All other compounds must meet a minimum RRF of 0.010.