

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5362 SAS No.: P5362 SDG No.: P5362

Instrument ID: BNA_F Calibration Date/Time: 12/27/2024 08:19

Lab File ID: BF140981.D Init. Calib. Date(s): 12/26/2024 12/26/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:23 19:25

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.327	1.248		-6.0	
Benzaldehyde	0.941	0.832		-11.6	
Phenol-d6	1.709	1.608		-5.9	
Phenol	1.767	1.695		-4.1	20.0
bis(2-Chloroethyl)ether	1.427	1.310		-8.2	
2-Chlorophenol	1.399	1.344		-3.9	
2-Methylphenol	1.162	1.107		-4.7	
2,2-oxybis(1-Chloropropane)	2.158	2.034		-5.7	
Acetophenone	0.491	0.468		-4.7	
3+4-Methylphenols	1.471	1.384		-5.9	
n-Nitroso-di-n-propylamine	1.047	0.964	0.050	-7.9	
Nitrobenzene-d5	0.313	0.342		9.3	
Hexachloroethane	0.553	0.535		-3.3	
Nitrobenzene	0.349	0.377		8.0	
Isophorone	0.680	0.650		-4.4	
2-Nitrophenol	0.118	0.139		17.8	20.0
2,4-Dimethylphenol	0.249	0.240		-3.6	
bis(2-Chloroethoxy)methane	0.431	0.413		-4.2	
2,4-Dichlorophenol	0.282	0.280		-0.7	20.0
Naphthalene	1.054	1.008		-4.4	
4-Chloroaniline	0.381	0.367		-3.7	
Hexachlorobutadiene	0.188	0.184		-2.1	20.0
Caprolactam	0.096	0.093		-3.1	
4-Chloro-3-methylphenol	0.313	0.302		-3.5	20.0
2-Methylnaphthalene	0.674	0.645		-4.3	
Hexachlorocyclopentadiene	0.182	0.185	0.050	1.6	
2,4,6-Trichlorophenol	0.366	0.367		0.3	20.0
2-Fluorobiphenyl	1.255	1.200		-4.4	
2,4,5-Trichlorophenol	0.375	0.390		4.0	
1,1-Biphenyl	1.531	1.500		-2.0	
2-Chloronaphthalene	1.188	1.164		-2.0	
2-Nitroaniline	0.259	0.318		22.8	
Dimethylphthalate	1.316	1.287		-2.2	
Acenaphthylene	1.710	1.661		-2.9	
2,6-Dinitrotoluene	0.231	0.282		22.1	
3-Nitroaniline	0.255	0.307		20.4	
Acenaphthene	1.156	1.131		-2.2	20.0
2,4-Dinitrophenol	0.075	0.081	0.050	8.0	
4-Nitrophenol	0.225	0.246	0.050	9.3	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5362 SAS No.: P5362 SDG No.: P5362

Instrument ID: BNA_F Calibration Date/Time: 12/27/2024 08:19

Lab File ID: BF140981.D Init. Calib. Date(s): 12/26/2024 12/26/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:23 19:25

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.624	1.579		-2.8	
2,4-Dinitrotoluene	0.273	0.349		27.8	
Diethylphthalate	1.299	1.273		-2.0	
4-Chlorophenyl-phenylether	0.606	0.589		-2.8	
Fluorene	1.260	1.205		-4.4	
4-Nitroaniline	0.255	0.301		18.0	
4,6-Dinitro-2-methylphenol	0.067	0.078		16.4	
n-Nitrosodiphenylamine	0.630	0.604		-4.1	20.0
2,4,6-Tribromophenol	0.194	0.203		4.6	
4-Bromophenyl-phenylether	0.216	0.213		-1.4	
Hexachlorobenzene	0.238	0.231		-2.9	
Atrazine	0.176	0.158		-10.2	
Pentachlorophenol	0.148	0.156		5.4	20.0
Phenanthrene	1.053	1.012		-3.9	
Anthracene	1.031	0.998		-3.2	
Carbazole	0.992	0.957		-3.5	
Di-n-butylphthalate	1.128	1.084		-3.9	
Fluoranthene	1.142	1.094		-4.2	20.0
Pyrene	1.749	1.714		-2.0	
Terphenyl-d14	1.204	1.177		-2.2	
Butylbenzylphthalate	0.639	0.647		1.3	
3,3-Dichlorobenzidine	0.419	0.388		-7.4	
Benzo (a) anthracene	1.394	1.358		-2.6	
Chrysene	1.257	1.198		-4.7	
Bis(2-ethylhexyl)phthalate	0.828	0.833		0.6	
Di-n-octyl phthalate	1.199	1.183		-1.3	20.0
Benzo (b) fluoranthene	1.395	1.305		-6.5	
Benzo (k) fluoranthene	1.093	1.133		3.7	
Benzo (a) pyrene	1.083	1.046		-3.4	20.0
Indeno (1,2,3-cd) pyrene	1.260	1.328		5.4	
Dibenzo (a,h) anthracene	1.021	1.093		7.1	
Benzo (g,h,i) perylene	1.059	1.145		8.1	
1,2,4,5-Tetrachlorobenzene	0.550	0.543		-1.3	
1,4-Dioxane	0.601	0.591		-1.7	20.0
2,3,4,6-Tetrachlorophenol	0.310	0.318		2.6	

All other compounds must meet a minimum RRF of 0.010.