



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SHAW27

Lab Code: CHEM Case No.: F4724 SAS No.: F4724 SDG No.: F4724

Instrument ID: BNA_F Calibration Date/Time: 12/03/2014 12:44

Lab File ID: BF075955.D Init. Calib. Date(s): 11/28/2014 11/28/2014

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:08 14:57

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	0.604	0.598		-1.0	
Phenol-d6	0.725	0.770		6.2	
Phenol	1.859	1.803		-3.0	20.0
bis(2-Chloroethyl)ether	1.301	1.389		6.8	
2-Chlorophenol	1.382	1.414		2.3	
1,2-Dichlorobenzene	1.491	1.517		1.7	
1,3-Dichlorobenzene	1.506	1.552		3.1	
1,4-Dichlorobenzene	1.634	1.634		0.0	20.0
Benzyl Alcohol	1.139	1.284		12.7	
2-Methylphenol	1.120	1.145		2.2	
2,2-oxybis(1-Chloropropane)	1.985	1.911		-3.7	
3+4-Methylphenols	1.478	1.562		5.7	
n-Nitroso-di-n-propylamine	0.982	1.023	0.050	4.2	
Nitrobenzene-d5	0.155	0.159		2.6	
Hexachloroethane	0.532	0.557		4.7	
Nitrobenzene	0.356	0.368		3.4	
Isophorone	0.662	0.647		-2.3	
2-Nitrophenol	0.172	0.168		-2.3	20.0
2,4-Dimethylphenol	0.296	0.285		-3.7	
bis(2-Chloroethoxy)methane	0.396	0.374		-5.6	
2,4-Dichlorophenol	0.269	0.272		1.1	20.0
1,2,4-Trichlorobenzene	0.299	0.278		-7.0	
Benzoic acid	0.166	0.202		21.7	
Naphthalene	0.983	0.972		-1.1	
4-Chloroaniline	0.407	0.416		2.2	
Hexachlorobutadiene	0.164	0.153		-6.7	20.0
4-Chloro-3-methylphenol	0.286	0.298		4.2	20.0
2-Methylnaphthalene	0.669	0.673		0.6	
Hexachlorocyclopentadiene	0.281	0.273	0.050	-2.8	
2,4,6-Trichlorophenol	0.357	0.349		-2.2	20.0
2-Fluorobiphenyl	0.627	0.595		-5.1	
2,4,5-Trichlorophenol	0.381	0.382		0.3	
2-Chloronaphthalene	1.217	1.131		-7.1	
2-Nitroaniline	0.364	0.380		4.4	
Dimethylphthalate	1.485	1.497		0.8	
Acenaphthylene	1.944	1.774		-8.7	
2,6-Dinitrotoluene	0.292	0.323		10.6	
3-Nitroaniline	0.365	0.341		-6.6	
Acenaphthene	1.113	1.048		-5.8	20.0
2,4-Dinitrophenol	0.150	0.158	0.050	5.3	
4-Nitrophenol	0.274	0.283	0.050	3.3	



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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.658	1.579		-4.8	
2,4-Dinitrotoluene	0.399	0.431		8.0	
Diethylphthalate	1.536	1.469		-4.4	
4-Chlorophenyl-phenylether	0.586	0.573		-2.2	
Fluorene	1.353	1.306		-3.5	
4-Nitroaniline	0.346	0.373		7.8	
4,6-Dinitro-2-methylphenol	0.124	0.130		4.8	
n-Nitrosodiphenylamine	0.727	0.665		-8.5	20.0
2,4,6-Tribromophenol	0.087	0.089		2.3	
4-Bromophenyl-phenylether	0.219	0.194		-11.4	
Hexachlorobenzene	0.241	0.217		-10.0	
Pentachlorophenol	0.140	0.143		2.1	20.0
Phenanthrene	1.201	1.089		-9.3	
Anthracene	1.204	1.185		-1.6	
Di-n-butylphthalate	1.562	1.576		0.9	
Fluoranthene	1.278	1.229		-3.8	20.0
Pyrene	1.341	1.304		-2.8	
Terphenyl-d14	0.454	0.408		-10.1	
Butylbenzylphthalate	0.723	0.705		-2.5	
3,3-Dichlorobenzidine	0.453	0.451		-0.4	
Benzo(a)anthracene	1.231	1.163		-5.5	
Chrysene	1.112	1.060		-4.7	
Bis(2-ethylhexyl)phthalate	1.150	1.020		-11.3	
Di-n-octyl phthalate	2.059	1.771		-14.0	20.0
Benzo(b)fluoranthene	1.310	1.338		2.1	
Benzo(k)fluoranthene	1.185	1.031		-13.0	
Benzo(a)pyrene	1.167	1.101		-5.7	20.0
Indeno(1,2,3-cd)pyrene	1.382	1.131		-18.2	
Dibenzo(a,h)anthracene	1.191	1.002		-15.9	
Benzo(g,h,i)perylene	1.201	1.027		-14.5	

All other compounds must meet a minimum RRF of 0.010.