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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: P3429 SAS No.: P3429 SDG No.: P3429

Instrument ID: BNA_F Calibration Date/Time: 08/10/2024 10:41

Lab File ID: BF138901.D Init. Calib. Date(s): 07/30/2024 07/30/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:54 16:29

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.374	1.245		-9.4	
2-Fluorophenol	1.296	1.267		-2.2	
Benzaldehyde	1.043	0.916		-12.2	
Phenol-d6	1.740	1.736		-0.2	
2-Methylphenol	1.126	1.130		0.4	
Acetophenone	0.490	0.511		4.3	
3+4-Methylphenols	1.444	1.532		6.1	
Nitrobenzene-d5	0.409	0.425		3.9	
Nitrobenzene	0.416	0.425		2.2	
2,4-Dichlorophenol	0.275	0.287		4.4	20.0
Naphthalene	1.053	1.059		0.6	
Hexachlorobutadiene	0.192	0.208		8.3	20.0
2-Methylnaphthalene	0.665	0.691		3.9	
2,4,6-Trichlorophenol	0.339	0.337		-0.6	20.0
2-Fluorobiphenyl	1.331	1.376		3.4	
2,4,5-Trichlorophenol	0.370	0.377		1.9	
Acenaphthylene	1.652	1.642		-0.6	
Acenaphthene	1.111	1.104		-0.6	20.0
Dibenzofuran	1.568	1.590		1.4	
Fluorene	1.249	1.309		4.8	
2,4,6-Tribromophenol	0.164	0.177		7.9	
Hexachlorobenzene	0.224	0.229		2.2	
Pentachlorophenol	0.101	0.121		19.8	20.0
Phenanthrene	1.030	1.051		2.0	
Carbazole	0.875	0.883		0.9	
Di-n-butylphthalate	0.984	1.131		14.9	
Fluoranthene	0.961	0.969		0.8	20.0
Pyrene	1.883	2.088		10.9	
Terphenyl-d14	1.195	1.360		13.8	
Benzo(a)anthracene	1.377	1.402		1.8	
Chrysene	1.243	1.236		-0.6	
Bis(2-ethylhexyl)phthalate	0.883	0.871		-1.4	
Benzo(b)fluoranthene	1.240	1.227		-1.0	
Benzo(k)fluoranthene	1.073	1.114		3.8	
Benzo(a)pyrene	1.043	1.061		1.7	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.363		-4.9	
Dibenzo(a,h)anthracene	1.177	1.113		-5.4	
Benzo(g,h,i)perylene	1.221	1.134		-7.1	
1,4-Dioxane	0.567	0.483		-14.8	20.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1-Methylnaphthalene	0.652	0.672		3.1	

All other compounds must meet a minimum RRF of 0.010.