284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: P3426 SAS No.: P3426 SDG No.: P3426

Instrument ID: BNA_F Calibration Date/Time: 08/09/2024 09:48

Lab File ID: BF138879.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	1.192		-13.2	
2-Fluorophenol	1.296	1.253		-3.3	
Benzaldehyde	1.043	0.831		-20.3	
Phenol-d6	1.740	1.688		-3.0	
2-Methylphenol	1.126	1.087		-3.5	
Acetophenone	0.490	0.500		2.0	
3+4-Methylphenols	1.444	1.469		1.7	
Nitrobenzene-d5	0.409	0.415		1.5	
Nitrobenzene	0.416	0.419		0.7	
2,4-Dichlorophenol	0.275	0.284		3.3	20.0
Naphthalene	1.053	1.044		-0.9	
Hexachlorobutadiene	0.192	0.201		4.7	20.0
2-Methylnaphthalene	0.665	0.685		3.0	
2,4,6-Trichlorophenol	0.339	0.331		-2.4	20.0
2-Fluorobiphenyl	1.331	1.366		2.6	
2,4,5-Trichlorophenol	0.370	0.367		-0.8	
Acenaphthylene	1.652	1.623		-1.8	
Acenaphthene	1.111	1.081		-2.7	20.0
Dibenzofuran	1.568	1.578		0.6	
Fluorene	1.249	1.298		3.9	
2,4,6-Tribromophenol	0.164	0.175		6.7	
Hexachlorobenzene	0.224	0.225		0.4	
Pentachlorophenol	0.101	0.114		12.9	20.0
Phenanthrene	1.030	1.033		0.3	
Carbazole	0.875	0.907		3.7	
Di-n-butylphthalate	0.984	1.177		19.6	
Fluoranthene	0.961	1.015		5.6	20.0
Pyrene	1.883	2.164		14.9	
Terphenyl-d14	1.195	1.398		17.0	
Benzo(a)anthracene	1.377	1.353		-1.7	
Chrysene	1.243	1.242		-0.1	
Bis(2-ethylhexyl)phthalate	0.883	0.836		-5.3	
Benzo(b)fluoranthene	1.240	1.263		1.9	
Benzo(k)fluoranthene	1.073	1.156		7.7	
Benzo(a)pyrene	1.043	1.059		1.5	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.357		-5.3	
Dibenzo(a,h)anthracene	1.177	1.120		-4.8	
Benzo(g,h,i)perylene	1.221	1.111		-9.0	
1,4-Dioxane	0.567	0.467		-17.6	20.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1-Methylnaphthalene	0.652	0.663		1.7	

All other compounds must meet a minimum RRF of 0.010.