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

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG No.: P4722

Instrument ID: BNA_F Calibration Date/Time: 11/08/2024 09:35

Lab File ID: BF140286.D Init. Calib. Date(s): 11/05/2024 11/05/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:26 15:30

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.207	1.151		-4.6	
Benzaldehyde	0.956	0.854		-10.7	
Phenol-d6	1.552	1.455		-6.3	
Phenol	1.649	1.581		-4.1	20.0
bis(2-Chloroethyl)ether	1.252	1.205		-3.8	
2-Chlorophenol	1.263	1.225		-3.0	
2-Methylphenol	1.053	1.025		-2.7	
2,2-oxybis(1-Chloropropane)	2.027	1.804		-11.0	
Acetophenone	0.496	0.461		-7.1	
3+4-Methylphenols	1.323	1.267		-4.2	
n-Nitroso-di-n-propylamine	0.990	0.931	0.050	-6.0	
Nitrobenzene-d5	0.402	0.378		-6.0	
Hexachloroethane	0.556	0.530		-4.7	
Nitrobenzene	0.422	0.398		-5.7	
Isophorone	0.693	0.668		-3.6	
2-Nitrophenol	0.168	0.176		4.8	20.0
2,4-Dimethylphenol	0.228	0.230		0.9	
bis(2-Chloroethoxy)methane	0.415	0.405		-2.4	
2,4-Dichlorophenol	0.283	0.285		0.7	20.0
Naphthalene	1.033	0.978		-5.3	
4-Chloroaniline	0.340	0.343		0.9	
Hexachlorobutadiene	0.229	0.225		-1.7	20.0
Caprolactam	0.086	0.095		10.5	
4-Chloro-3-methylphenol	0.315	0.322		2.2	20.0
2-Methylnaphthalene	0.674	0.666		-1.2	
Hexachlorocyclopentadiene	0.164	0.175	0.050	6.7	
2,4,6-Trichlorophenol	0.363	0.362		-0.3	20.0
2-Fluorobiphenyl	1.253	1.125		-10.1	
2,4,5-Trichlorophenol	0.381	0.388		1.8	
1,1-Biphenyl	1.446	1.339		-7.4	
2-Chloronaphthalene	1.088	1.015		-6.7	
2-Nitroaniline	0.364	0.344		-5.5	
Dimethylphthalate	1.232	1.215		-1.4	
Acenaphthylene	1.540	1.478		-4.0	
2,6-Dinitrotoluene	0.290	0.297		2.4	
3-Nitroaniline	0.273	0.281		2.9	
Acenaphthene	1.093	1.061		-2.9	20.0
2,4-Dinitrophenol	0.120	0.153	0.050	27.5	
4-Nitrophenol	0.192	0.219	0.050	14.1	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.528	1.462		-4.3	
2,4-Dinitrotoluene	0.376	0.395		5.1	
Diethylphthalate	1.224	1.226		0.2	
4-Chlorophenyl-phenylether	0.613	0.600		-2.1	
Fluorene	1.216	1.159		-4.7	
4-Nitroaniline	0.271	0.289		6.6	
4,6-Dinitro-2-methylphenol	0.105	0.122		16.2	
n-Nitrosodiphenylamine	0.575	0.536		-6.8	20.0
2,4,6-Tribromophenol	0.198	0.223		12.6	
4-Bromophenyl-phenylether	0.215	0.216		0.5	
Hexachlorobenzene	0.245	0.245		0.0	
Atrazine	0.157	0.167		6.4	
Pentachlorophenol	0.132	0.154		16.7	20.0
Phenanthrene	0.954	0.897		-6.0	
Anthracene	0.936	0.882		-5.8	
Carbazole	0.855	0.825		-3.5	
Di-n-butylphthalate	1.012	1.018		0.6	
Fluoranthene	0.998	0.986		-1.2	20.0
Pyrene	1.651	1.589		-3.8	
Terphenyl-d14	1.221	1.161		-4.9	
Butylbenzylphthalate	0.595	0.628		5.5	
3,3-Dichlorobenzidine	0.403	0.404		0.2	
Benzo(a)anthracene	1.284	1.258		-2.0	
Chrysene	1.202	1.131		-5.9	
Bis(2-ethylhexyl)phthalate	0.833	0.852		2.3	
Di-n-octyl phthalate	1.254	1.261		0.6	20.0
Benzo(b)fluoranthene	1.210	1.184		-2.1	
Benzo(k)fluoranthene	1.110	1.151		3.7	
Benzo(a)pyrene	0.997	0.994		-0.3	20.0
Indeno(1,2,3-cd)pyrene	1.174	1.140		-2.9	
Dibenzo(a,h)anthracene	0.966	0.930		-3.7	
Benzo(g,h,i)perylene	0.985	0.945		-4.1	
1,2,4,5-Tetrachlorobenzene	0.586	0.547		-6.7	
1,4-Dioxane	0.555	0.510		-8.1	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.333		6.4	

All other compounds must meet a minimum RRF of 0.010.