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

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TACO01

Lab Code: ACE SDG No.: Q2600

Instrument ID: BNA_F Calibration Date/Time: 07/16/2025 19:39

Lab File ID: BF143117.D Init. Calib. Date(s): 07/15/2025 07/15/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:04 16:35

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.266	1.249		-1.3	
Benzaldehyde	1.212	1.240		2.3	
Phenol-d6	1.591	1.563		-1.8	
Phenol	1.723	1.816		5.4	20.0
bis(2-Chloroethyl)ether	1.334	1.298		-2.7	
2-Chlorophenol	1.272	1.316		3.5	
2-Methylphenol	1.098	1.094		-0.4	
2,2-oxybis(1-Chloropropane)	2.458	2.389		-2.8	
Acetophenone	0.482	0.467		-3.1	
3+4-Methylphenols	1.346	1.368		1.6	
n-Nitroso-di-n-propylamine	0.975	0.965	0.050	-1.0	
Nitrobenzene-d5	0.357	0.402		12.6	
Hexachloroethane	0.471	0.486		3.2	
Nitrobenzene	0.344	0.369		7.3	
Isophorone	0.689	0.675		-2.0	
2-Nitrophenol	0.114	0.145		27.2	20.0
2,4-Dimethylphenol	0.320	0.320		0.0	
bis(2-Chloroethoxy)methane	0.418	0.412		-1.4	
2,4-Dichlorophenol	0.262	0.269		2.7	20.0
Naphthalene	0.993	0.972		-2.1	
4-Chloroaniline	0.399	0.393		-1.5	
Hexachlorobutadiene	0.178	0.178		0.0	20.0
Caprolactam	0.082	0.084		2.4	
4-Chloro-3-methylphenol	0.291	0.293		0.7	20.0
2-Methylnaphthalene	0.592	0.578		-2.4	
Hexachlorocyclopentadiene	0.323	0.341	0.050	5.6	
2,4,6-Trichlorophenol	0.362	0.386		6.6	20.0
2-Fluorobiphenyl	1.505	1.421		-5.6	
2,4,5-Trichlorophenol	0.380	0.387		1.8	
1,1-Biphenyl	1.595	1.534		-3.8	
2-Chloronaphthalene	1.172	1.129		-3.7	
2-Nitroaniline	0.303	0.352		16.2	
Dimethylphthalate	1.258	1.236		-1.7	
Acenaphthylene	1.952	1.912		-2.0	
2,6-Dinitrotoluene	0.219	0.258		17.8	
3-Nitroaniline	0.272	0.299		9.9	
Acenaphthene	1.152	1.115		-3.2	20.0
2,4-Dinitrophenol	0.073	0.082	0.050	12.3	
4-Nitrophenol	0.216	0.230	0.050	6.5	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.717	1.649		-4.0	
2,4-Dinitrotoluene	0.265	0.307		15.8	
Diethylphthalate	1.214	1.211		-0.2	
4-Chlorophenyl-phenylether	0.617	0.603		-2.3	
Fluorene	1.288	1.219		-5.4	
4-Nitroaniline	0.236	0.255		8.1	
4,6-Dinitro-2-methylphenol	0.067	0.078		16.4	
n-Nitrosodiphenylamine	0.703	0.687		-2.3	20.0
2,4,6-Tribromophenol	0.178	0.191		7.3	
4-Bromophenyl-phenylether	0.227	0.227		0.0	
Hexachlorobenzene	0.241	0.241		0.0	
Atrazine	0.180	0.183		1.7	
Pentachlorophenol	0.132	0.144		9.1	20.0
Phenanthrene	1.079	1.046		-3.1	
Anthracene	1.085	1.063		-2.0	
Carbazole	0.972	0.934		-3.9	
Di-n-butylphthalate	0.893	0.937		4.9	
Fluoranthene	0.981	0.947		-3.5	20.0
Pyrene	1.856	1.773		-4.5	
Terphenyl-d14	1.368	1.302		-4.8	
Butylbenzylphthalate	0.318	0.365		14.8	
3,3-Dichlorobenzidine	0.387	0.391		1.0	
Benzo(a)anthracene	1.333	1.354		1.6	
Chrysene	1.227	1.156		-5.8	
Bis(2-ethylhexyl)phthalate	0.480	0.572		19.2	
Di-n-octyl phthalate	0.927	1.043		12.5	20.0
Benzo(b)fluoranthene	1.154	1.136		-1.6	
Benzo(k)fluoranthene	1.101	1.092		-0.8	
Benzo(a)pyrene	1.091	1.116		2.3	20.0
Indeno(1,2,3-cd)pyrene	1.488	1.529		2.8	
Dibenzo(a,h)anthracene	1.216	1.243		2.2	
Benzo(g,h,i)perylene	1.240	1.256		1.3	
1,2,4,5-Tetrachlorobenzene	0.583	0.567		-2.7	
1,4-Dioxane	0.630	0.628		-0.3	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.324		7.3	

All other compounds must meet a minimum RRF of 0.010.