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

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG No.: Q3618

Instrument ID: BNA_P Calibration Date/Time: 11/13/2025 13:16

Lab File ID: BP026126.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.262		4.1	
Benzaldehyde	0.802	0.738		-8.0	
Phenol-d6	1.543	1.607		4.1	
Phenol	1.713	1.751		2.2	20.0
bis(2-Chloroethyl)ether	1.352	1.349		-0.2	
2-Chlorophenol	1.342	1.454		8.3	
2-Methylphenol	1.121	1.157		3.2	
2,2-oxybis(1-Chloropropane)	2.043	1.829		-10.5	
Acetophenone	0.506	0.502		-0.8	
3+4-Methylphenols	1.560	1.591		2.0	
n-Nitroso-di-n-propylamine	0.958	0.967	0.050	0.9	
Nitrobenzene-d5	0.321	0.351		9.3	
Hexachloroethane	0.533	0.568		6.6	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.684		-0.4	
2-Nitrophenol	0.104	0.183		76.0	20.0
2,4-Dimethylphenol	0.289	0.290		0.3	
bis(2-Chloroethoxy)methane	0.433	0.432		-0.2	
2,4-Dichlorophenol	0.305	0.336		10.2	20.0
Naphthalene	1.091	1.092		0.1	
4-Chloroaniline	0.419	0.421		0.5	
Hexachlorobutadiene	0.211	0.220		4.3	20.0
Caprolactam	0.107	0.113		5.6	
4-Chloro-3-methylphenol	0.320	0.343		7.2	20.0
2-Methylnaphthalene	0.763	0.760		-0.4	
Hexachlorocyclopentadiene	0.227	0.250	0.050	10.1	
2,4,6-Trichlorophenol	0.367	0.429		16.9	20.0
2-Fluorobiphenyl	1.392	1.381		-0.8	
2,4,5-Trichlorophenol	0.419	0.476		13.6	
1,1-Biphenyl	1.531	1.521		-0.7	
2-Chloronaphthalene	1.205	1.207		0.2	
2-Nitroaniline	0.272	0.333		22.4	
Dimethylphthalate	1.455	1.498		3.0	
Acenaphthylene	1.756	1.777		1.2	
2,6-Dinitrotoluene	0.237	0.307		29.5	
3-Nitroaniline	0.291	0.350		20.3	
Acenaphthene	1.206	1.181		-2.1	20.0
2,4-Dinitrophenol	0.100	0.156	0.050	56.0	
4-Nitrophenol	0.290	0.315	0.050	8.6	

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GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.821		-0.1	
2,4-Dinitrotoluene	0.347	0.455		31.1	
Diethylphthalate	1.463	1.510		3.2	
4-Chlorophenyl-phenylether	0.713	0.716		0.4	
Fluorene	1.427	1.425		-0.1	
4-Nitroaniline	0.311	0.363		16.7	
4,6-Dinitro-2-methylphenol	0.077	0.118		53.2	
n-Nitrosodiphenylamine	0.625	0.616		-1.4	20.0
2,4,6-Tribromophenol	0.216	0.264		22.2	
4-Bromophenyl-phenylether	0.222	0.228		2.7	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.218		3.3	
Pentachlorophenol	0.154	0.179		16.2	20.0
Phenanthrene	1.164	1.146		-1.5	
Anthracene	1.154	1.163		0.8	
Carbazole	1.092	1.095		0.3	
Di-n-butylphthalate	1.222	1.322		8.2	
Fluoranthene	1.358	1.373		1.1	20.0
Pyrene	1.353	1.357		0.3	
Terphenyl-d14	0.984	1.001		1.7	
Butylbenzylphthalate	0.432	0.579		34.0	
3,3-Dichlorobenzidine	0.443	0.473		6.8	
Benzo(a)anthracene	1.374	1.382		0.6	
Chrysene	1.302	1.288		-1.1	
Bis(2-ethylhexyl)phthalate	0.718	0.863		20.2	
Di-n-octyl phthalate	1.191	1.511		26.9	20.0
Benzo(b)fluoranthene	1.242	1.268		2.1	
Benzo(k)fluoranthene	1.268	1.258		-0.8	
Benzo(a)pyrene	1.141	1.182		3.6	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.539		4.3	
Dibenzo(a,h)anthracene	1.202	1.253		4.2	
Benzo(g,h,i)perylene	1.156	1.203		4.1	
1,2,4,5-Tetrachlorobenzene	0.621	0.643		3.5	
1,4-Dioxane	0.511	0.503		-1.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.400		21.2	

All other compounds must meet a minimum RRF of 0.010.