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

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

Instrument ID: BNA_P Calibration Date/Time: 11/12/2025 11:36

Lab File ID: BP026108.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	1.287		6.2	
Benzaldehyde	0.802	0.764		-4.7	
Phenol-d6	1.543	1.632		5.8	
Phenol	1.713	1.785		4.2	20.0
bis(2-Chloroethyl)ether	1.352	1.339		-1.0	
2-Chlorophenol	1.342	1.463		9.0	
2-Methylphenol	1.121	1.177		5.0	
2,2-oxybis(1-Chloropropane)	2.043	1.820		-10.9	
Acetophenone	0.506	0.512		1.2	
3+4-Methylphenols	1.560	1.616		3.6	
n-Nitroso-di-n-propylamine	0.958	0.961	0.050	0.3	
Nitrobenzene-d5	0.321	0.359		11.8	
Hexachloroethane	0.533	0.556		4.3	
Nitrobenzene	0.339	0.366		8.0	
Isophorone	0.687	0.685		-0.3	
2-Nitrophenol	0.104	0.184		76.9	20.0
2,4-Dimethylphenol	0.289	0.294		1.7	
bis(2-Chloroethoxy)methane	0.433	0.428		-1.2	
2,4-Dichlorophenol	0.305	0.338		10.8	20.0
Naphthalene	1.091	1.107		1.5	
4-Chloroaniline	0.419	0.390		-6.9	
Hexachlorobutadiene	0.211	0.216		2.4	20.0
Caprolactam	0.107	0.118		10.3	
4-Chloro-3-methylphenol	0.320	0.347		8.4	20.0
2-Methylnaphthalene	0.763	0.764		0.1	
Hexachlorocyclopentadiene	0.227	0.263	0.050	15.9	
2,4,6-Trichlorophenol	0.367	0.430		17.2	20.0
2-Fluorobiphenyl	1.392	1.362		-2.2	
2,4,5-Trichlorophenol	0.419	0.472		12.6	
1,1-Biphenyl	1.531	1.511		-1.3	
2-Chloronaphthalene	1.205	1.215		0.8	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.464		0.6	
Acenaphthylene	1.756	1.748		-0.5	
2,6-Dinitrotoluene	0.237	0.303		27.8	
3-Nitroaniline	0.291	0.351		20.6	
Acenaphthene	1.206	1.190		-1.3	20.0
2,4-Dinitrophenol	0.100	0.153	0.050	53.0	
4-Nitrophenol	0.290	0.319	0.050	10.0	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.802		-1.1	
2,4-Dinitrotoluene	0.347	0.456		31.4	
Diethylphthalate	1.463	1.471		0.5	
4-Chlorophenyl-phenylether	0.713	0.701		-1.7	
Fluorene	1.427	1.434		0.5	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.115		49.4	
n-Nitrosodiphenylamine	0.625	0.618		-1.1	20.0
2,4,6-Tribromophenol	0.216	0.263		21.8	
4-Bromophenyl-phenylether	0.222	0.225		1.4	
Hexachlorobenzene	0.253	0.262		3.6	
Atrazine	0.211	0.217		2.8	
Pentachlorophenol	0.154	0.177		14.9	20.0
Phenanthrene	1.164	1.169		0.4	
Anthracene	1.154	1.162		0.7	
Carbazole	1.092	1.137		4.1	
Di-n-butylphthalate	1.222	1.301		6.5	
Fluoranthene	1.358	1.417		4.3	20.0
Pyrene	1.353	1.341		-0.9	
Terphenyl-d14	0.984	0.954		-3.0	
Butylbenzylphthalate	0.432	0.554		28.2	
3,3-Dichlorobenzidine	0.443	0.431		-2.7	
Benzo(a)anthracene	1.374	1.381		0.5	
Chrysene	1.302	1.307		0.4	
Bis(2-ethylhexyl)phthalate	0.718	0.836		16.4	
Di-n-octyl phthalate	1.191	1.474		23.8	20.0
Benzo(b)fluoranthene	1.242	1.260		1.4	
Benzo(k)fluoranthene	1.268	1.243		-2.0	
Benzo(a)pyrene	1.141	1.160		1.7	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.533		3.9	
Dibenzo(a,h)anthracene	1.202	1.245		3.5	
Benzo(g,h,i)perylene	1.156	1.201		3.9	
1,2,4,5-Tetrachlorobenzene	0.621	0.633		1.9	
1,4-Dioxane	0.511	0.523		2.3	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.398		20.6	

All other compounds must meet a minimum RRF of 0.010.