

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3495</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>10/31/2025 13:24</u>
Lab File ID:	<u>BG064654.D</u>	Init. Calib. Date(s):	<u>10/24/2025 10/24/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:00 15:32</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.264		6.0	
Benzaldehyde	0.893	1.004		12.4	
Phenol-d6	1.635	1.731		5.9	
Phenol	1.808	1.889		4.5	20.0
bis(2-Chloroethyl)ether	1.329	1.357		2.1	
2-Chlorophenol	1.247	1.415		13.5	
2-Methylphenol	1.201	1.282		6.7	
2,2-oxybis(1-Chloropropane)	3.487	3.486		0.0	
Acetophenone	0.547	0.577		5.5	
3+4-Methylphenols	1.688	1.788		5.9	
n-Nitroso-di-n-propylamine	1.130	1.179	0.050	4.3	
Nitrobenzene-d5	0.333	0.422		26.7	
Hexachloroethane	0.512	0.562		9.8	
Nitrobenzene	0.362	0.439		21.3	
Isophorone	0.799	0.850		6.4	
2-Nitrophenol	0.121	0.179		47.9	20.0
2,4-Dimethylphenol	0.297	0.320		7.7	
bis(2-Chloroethoxy)methane	0.455	0.476		4.6	
2,4-Dichlorophenol	0.320	0.369		15.3	20.0
Naphthalene	1.109	1.162		4.8	
4-Chloroaniline	0.431	0.453		5.1	
Hexachlorobutadiene	0.284	0.312		9.9	20.0
Caprolactam	0.123	0.135		9.8	
4-Chloro-3-methylphenol	0.384	0.428		11.5	20.0
2-Methylnaphthalene	0.814	0.868		6.6	
Hexachlorocyclopentadiene	0.302	0.364	0.050	20.5	
2,4,6-Trichlorophenol	0.384	0.465		21.1	20.0
2-Fluorobiphenyl	1.319	1.388		5.2	
2,4,5-Trichlorophenol	0.443	0.516		16.5	
1,1-Biphenyl	1.422	1.474		3.7	
2-Chloronaphthalene	1.073	1.118		4.2	
2-Nitroaniline	0.311	0.422		35.7	
Dimethylphthalate	1.530	1.657		8.3	
Acenaphthylene	1.693	1.769		4.5	
2,6-Dinitrotoluene	0.218	0.300		37.6	
3-Nitroaniline	0.263	0.354		34.6	
Acenaphthene	1.157	1.252		8.2	20.0
2,4-Dinitrophenol	0.132	0.207	0.050	56.8	
4-Nitrophenol	0.244	0.316	0.050	29.5	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.961		4.9	
2,4-Dinitrotoluene	0.340	0.487		43.2	
Diethylphthalate	1.563	1.669		6.8	
4-Chlorophenyl-phenylether	0.820	0.888		8.3	
Fluorene	1.460	1.563		7.1	
4-Nitroaniline	0.293	0.397		35.5	
4,6-Dinitro-2-methylphenol	0.079	0.121		53.2	
n-Nitrosodiphenylamine	0.540	0.554		2.6	20.0
2,4,6-Tribromophenol	0.289	0.369		27.7	
4-Bromophenyl-phenylether	0.237	0.258		8.9	
Hexachlorobenzene	0.270	0.296		9.6	
Atrazine	0.232	0.243		4.7	
Pentachlorophenol	0.169	0.202		19.5	20.0
Phenanthrene	1.094	1.147		4.8	
Anthracene	1.113	1.152		3.5	
Carbazole	0.981	1.034		5.4	
Di-n-butylphthalate	1.135	1.193		5.1	
Fluoranthene	1.370	1.478		7.9	20.0
Pyrene	1.307	1.306		-0.1	
Terphenyl-d14	1.060	1.084		2.3	
Butylbenzylphthalate	0.395	0.453		14.7	
3,3-Dichlorobenzidine	0.443	0.498		12.4	
Benzo (a) anthracene	1.326	1.407		6.1	
Chrysene	1.262	1.325		5.0	
Bis(2-ethylhexyl)phthalate	0.590	0.658		11.5	
Di-n-octyl phthalate	0.995	1.141		14.7	20.0
Benzo (b) fluoranthene	1.226	1.288		5.1	
Benzo (k) fluoranthene	1.227	1.284		4.6	
Benzo (a) pyrene	1.127	1.181		4.8	20.0
Indeno (1,2,3-cd) pyrene	1.471	1.539		4.6	
Dibenzo (a,h) anthracene	1.195	1.255		5.0	
Benzo (g,h,i) perylene	1.142	1.193		4.5	
1,2,4,5-Tetrachlorobenzene	0.671	0.718		7.0	
1,4-Dioxane	0.528	0.542		2.7	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.528		24.5	

All other compounds must meet a minimum RRF of 0.010.