

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3534</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>11/06/2025 12:13</u>
Lab File ID:	<u>BG064699.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	1.123		-5.8	
Benzaldehyde	0.893	0.817		-8.5	
Phenol-d6	1.635	1.569		-4.0	
Phenol	1.808	1.740		-3.8	20.0
bis(2-Chloroethyl)ether	1.329	1.267		-4.7	
2-Chlorophenol	1.247	1.315		5.5	
2-Methylphenol	1.201	1.251		4.2	
2,2-oxybis(1-Chloropropane)	3.487	3.278		-6.0	
Acetophenone	0.547	0.557		1.8	
3+4-Methylphenols	1.688	1.777		5.3	
n-Nitroso-di-n-propylamine	1.130	1.186	0.050	5.0	
Nitrobenzene-d5	0.333	0.418		25.5	
Hexachloroethane	0.512	0.541		5.7	
Nitrobenzene	0.362	0.429		18.5	
Isophorone	0.799	0.823		3.0	
2-Nitrophenol	0.121	0.193		59.5	20.0
2,4-Dimethylphenol	0.297	0.312		5.1	
bis(2-Chloroethoxy)methane	0.455	0.457		0.4	
2,4-Dichlorophenol	0.320	0.382		19.4	20.0
Naphthalene	1.109	1.158		4.4	
4-Chloroaniline	0.431	0.452		4.9	
Hexachlorobutadiene	0.284	0.342		20.4	20.0
Caprolactam	0.123	0.121		-1.6	
4-Chloro-3-methylphenol	0.384	0.438		14.1	20.0
2-Methylnaphthalene	0.814	0.890		9.3	
Hexachlorocyclopentadiene	0.302	0.351	0.050	16.2	
2,4,6-Trichlorophenol	0.384	0.464		20.8	20.0
2-Fluorobiphenyl	1.319	1.387		5.2	
2,4,5-Trichlorophenol	0.443	0.522		17.8	
1,1-Biphenyl	1.422	1.439		1.2	
2-Chloronaphthalene	1.073	1.129		5.2	
2-Nitroaniline	0.311	0.400		28.6	
Dimethylphthalate	1.530	1.590		3.9	
Acenaphthylene	1.693	1.721		1.7	
2,6-Dinitrotoluene	0.218	0.309		41.7	
3-Nitroaniline	0.263	0.315		19.8	
Acenaphthene	1.157	1.196		3.4	20.0
2,4-Dinitrophenol	0.132	0.141	0.050	6.8	
4-Nitrophenol	0.244	0.196	0.050	-19.7	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.918		2.6	
2,4-Dinitrotoluene	0.340	0.472		38.8	
Diethylphthalate	1.563	1.597		2.2	
4-Chlorophenyl-phenylether	0.820	0.923		12.6	
Fluorene	1.460	1.525		4.5	
4-Nitroaniline	0.293	0.304		3.8	
4,6-Dinitro-2-methylphenol	0.079	0.111		40.5	
n-Nitrosodiphenylamine	0.540	0.569		5.4	20.0
2,4,6-Tribromophenol	0.289	0.381		31.8	
4-Bromophenyl-phenylether	0.237	0.283		19.4	
Hexachlorobenzene	0.270	0.323		19.6	
Atrazine	0.232	0.235		1.3	
Pentachlorophenol	0.169	0.200		18.3	20.0
Phenanthrene	1.094	1.124		2.7	
Anthracene	1.113	1.125		1.1	
Carbazole	0.981	0.854		-12.9	
Di-n-butylphthalate	1.135	1.066		-6.1	
Fluoranthene	1.370	1.198		-12.6	20.0
Pyrene	1.307	1.403		7.3	
Terphenyl-d14	1.060	1.177		11.0	
Butylbenzylphthalate	0.395	0.418		5.8	
3,3-Dichlorobenzidine	0.443	0.478		7.9	
Benzo (a) anthracene	1.326	1.382		4.2	
Chrysene	1.262	1.305		3.4	
Bis(2-ethylhexyl)phthalate	0.590	0.603		2.2	
Di-n-octyl phthalate	0.995	1.058		6.3	20.0
Benzo (b) fluoranthene	1.226	1.275		4.0	
Benzo (k) fluoranthene	1.227	1.271		3.6	
Benzo (a) pyrene	1.127	1.177		4.4	20.0
Indeno (1,2,3-cd) pyrene	1.471	1.532		4.1	
Dibenzo (a,h) anthracene	1.195	1.261		5.5	
Benzo (g,h,i) perylene	1.142	1.198		4.9	
1,2,4,5-Tetrachlorobenzene	0.671	0.752		12.1	
1,4-Dioxane	0.528	0.427		-19.1	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.518		22.2	

All other compounds must meet a minimum RRF of 0.010.