

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AEC002</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3363</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>10/17/2025 11:39</u>
Lab File ID:	<u>BG064531.D</u>	Init. Calib. Date(s):	<u>10/02/2025 10/02/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:01 15:49</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.081	1.113		3.0	
Benzaldehyde	1.290	1.304		1.1	
Phenol-d6	1.452	1.455		0.2	
Phenol	1.532	1.529		-0.2	20.0
bis(2-Chloroethyl)ether	1.038	0.997		-4.0	
2-Chlorophenol	1.327	1.283		-3.3	
2-Methylphenol	1.109	1.130		1.9	
2,2-oxybis(1-Chloropropane)	1.672	1.548		-7.4	
Acetophenone	0.484	0.540		11.6	
3+4-Methylphenols	1.548	1.606		3.7	
n-Nitroso-di-n-propylamine	0.971	0.972	0.050	0.1	
Nitrobenzene-d5	0.372	0.402		8.1	
Hexachloroethane	0.575	0.577		0.3	
Nitrobenzene	0.371	0.409		10.2	
Isophorone	0.674	0.713		5.8	
2-Nitrophenol	0.185	0.204		10.3	20.0
2,4-Dimethylphenol	0.282	0.317		12.4	
bis(2-Chloroethoxy)methane	0.343	0.372		8.5	
2,4-Dichlorophenol	0.326	0.361		10.7	20.0
Naphthalene	1.030	1.149		11.6	
4-Chloroaniline	0.395	0.421		6.6	
Hexachlorobutadiene	0.304	0.347		14.1	20.0
Caprolactam	0.112	0.111		-0.9	
4-Chloro-3-methylphenol	0.397	0.411		3.5	20.0
2-Methylnaphthalene	0.791	0.860		8.7	
Hexachlorocyclopentadiene	0.338	0.406	0.050	20.1	
2,4,6-Trichlorophenol	0.413	0.466		12.8	20.0
2-Fluorobiphenyl	1.357	1.481		9.1	
2,4,5-Trichlorophenol	0.461	0.502		8.9	
1,1-Biphenyl	1.438	1.539		7.0	
2-Chloronaphthalene	1.074	1.146		6.7	
2-Nitroaniline	0.367	0.392		6.8	
Dimethylphthalate	1.566	1.640		4.7	
Acenaphthylene	1.594	1.714		7.5	
2,6-Dinitrotoluene	0.326	0.349		7.1	
3-Nitroaniline	0.301	0.321		6.6	
Acenaphthene	1.108	1.183		6.8	20.0
2,4-Dinitrophenol	0.237	0.220	0.050	-7.2	
4-Nitrophenol	0.237	0.234	0.050	-1.3	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3363</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>10/17/2025 11:39</u>
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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.829	1.943		6.2	
2,4-Dinitrotoluene	0.499	0.528		5.8	
Diethylphthalate	1.680	1.715		2.1	
4-Chlorophenyl-phenylether	0.830	0.889		7.1	
Fluorene	1.520	1.624		6.8	
4-Nitroaniline	0.314	0.353		12.4	
4,6-Dinitro-2-methylphenol	0.139	0.145		4.3	
n-Nitrosodiphenylamine	0.534	0.548		2.6	20.0
2,4,6-Tribromophenol	0.363	0.392		8.0	
4-Bromophenyl-phenylether	0.235	0.258		9.8	
Hexachlorobenzene	0.269	0.295		9.7	
Atrazine	0.238	0.236		-0.8	
Pentachlorophenol	0.157	0.175		11.5	20.0
Phenanthrene	1.046	1.105		5.6	
Anthracene	1.049	1.104		5.2	
Carbazole	0.907	0.960		5.8	
Di-n-butylphthalate	1.107	1.186		7.1	
Fluoranthene	1.250	1.360		8.8	20.0
Pyrene	1.298	1.327		2.2	
Terphenyl-d14	1.057	1.109		4.9	
Butylbenzylphthalate	0.460	0.494		7.4	
3,3-Dichlorobenzidine	0.432	0.452		4.6	
Benzo (a) anthracene	1.277	1.360		6.5	
Chrysene	1.211	1.267		4.6	
Bis(2-ethylhexyl)phthalate	0.649	0.699		7.7	
Di-n-octyl phthalate	1.091	1.197		9.7	20.0
Benzo (b) fluoranthene	1.138	1.210		6.3	
Benzo (k) fluoranthene	1.146	1.228		7.2	
Benzo (a) pyrene	1.049	1.116		6.4	20.0
Indeno (1,2,3-cd) pyrene	1.392	1.482		6.5	
Dibenzo (a,h) anthracene	1.113	1.209		8.6	
Benzo (g,h,i) perylene	1.082	1.142		5.5	
1,2,4,5-Tetrachlorobenzene	0.646	0.729		12.8	
1,4-Dioxane	0.427	0.353		-17.3	20.0
2,3,4,6-Tetrachlorophenol	0.470	0.493		4.9	

All other compounds must meet a minimum RRF of 0.010.