

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_F</u>	Calibration Date/Time:	<u>10/17/2025 14:43</u>
Lab File ID:	<u>BF143984.D</u>	Init. Calib. Date(s):	<u>10/06/2025 10/06/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:59 14:22</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.280		1.7	
Benzaldehyde	1.158	1.188		2.6	
Phenol-d6	1.501	1.459		-2.8	
Phenol	1.795	1.831		2.0	20.0
bis(2-Chloroethyl)ether	1.386	1.382		-0.3	
2-Chlorophenol	1.231	1.249		1.5	
2-Methylphenol	1.017	0.961		-5.5	
2,2-oxybis(1-Chloropropane)	3.156	3.010		-4.6	
Acetophenone	0.423	0.381		-9.9	
3+4-Methylphenols	1.179	1.047		-11.2	
n-Nitroso-di-n-propylamine	1.028	0.825	0.050	-19.7	
Nitrobenzene-d5	0.329	0.339		3.0	
Hexachloroethane	0.485	0.497		2.5	
Nitrobenzene	0.366	0.379		3.6	
Isophorone	0.694	0.621		-10.5	
2-Nitrophenol	0.157	0.180		14.6	20.0
2,4-Dimethylphenol	0.282	0.269		-4.6	
bis(2-Chloroethoxy)methane	0.438	0.391		-10.7	
2,4-Dichlorophenol	0.294	0.278		-5.4	20.0
Naphthalene	0.910	0.854		-6.2	
4-Chloroaniline	0.341	0.302		-11.4	
Hexachlorobutadiene	0.201	0.204		1.5	20.0
Caprolactam	0.093	0.081		-12.9	
4-Chloro-3-methylphenol	0.282	0.249		-11.7	20.0
2-Methylnaphthalene	0.606	0.543		-10.4	
Hexachlorocyclopentadiene	0.229	0.200	0.050	-12.7	
2,4,6-Trichlorophenol	0.404	0.399		-1.2	20.0
2-Fluorobiphenyl	1.260	1.153		-8.5	
2,4,5-Trichlorophenol	0.427	0.438		2.6	
1,1-Biphenyl	1.324	1.266		-4.4	
2-Chloronaphthalene	1.104	1.099		-0.5	
2-Nitroaniline	0.349	0.371		6.3	
Dimethylphthalate	1.270	1.231		-3.1	
Acenaphthylene	1.552	1.478		-4.8	
2,6-Dinitrotoluene	0.236	0.269		14.0	
3-Nitroaniline	0.288	0.301		4.5	
Acenaphthene	1.017	0.979		-3.7	20.0
2,4-Dinitrophenol	0.118	0.125	0.050	5.9	
4-Nitrophenol	0.218	0.208	0.050	-4.6	

7C

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_F</u>	Calibration Date/Time:	<u>10/17/2025 14:43</u>
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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.377		-4.1	
2,4-Dinitrotoluene	0.320	0.353		10.3	
Diethylphthalate	1.180	1.122		-4.9	
4-Chlorophenyl-phenylether	0.573	0.557		-2.8	
Fluorene	1.083	1.025		-5.4	
4-Nitroaniline	0.277	0.281		1.4	
4,6-Dinitro-2-methylphenol	0.101	0.119		17.8	
n-Nitrosodiphenylamine	0.628	0.616		-1.9	20.0
2,4,6-Tribromophenol	0.199	0.203		2.0	
4-Bromophenyl-phenylether	0.221	0.223		0.9	
Hexachlorobenzene	0.256	0.259		1.2	
Atrazine	0.190	0.184		-3.2	
Pentachlorophenol	0.147	0.138		-6.1	20.0
Phenanthrene	0.970	0.937		-3.4	
Anthracene	0.980	0.945		-3.6	
Carbazole	0.868	0.826		-4.8	
Di-n-butylphthalate	1.005	1.007		0.2	
Fluoranthene	1.002	0.966		-3.6	20.0
Pyrene	1.667	1.585		-4.9	
Terphenyl-d14	1.170	1.142		-2.4	
Butylbenzylphthalate	0.542	0.583		7.6	
3,3-Dichlorobenzidine	0.399	0.420		5.3	
Benzo (a) anthracene	1.309	1.320		0.8	
Chrysene	1.211	1.224		1.1	
Bis(2-ethylhexyl)phthalate	0.653	0.757		15.9	
Di-n-octyl phthalate	1.072	1.316		22.8	20.0
Benzo (b) fluoranthene	1.149	1.127		-1.9	
Benzo (k) fluoranthene	1.063	1.054		-0.8	
Benzo (a) pyrene	0.996	1.008		1.2	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.362		11.2	
Dibenzo (a,h) anthracene	0.986	1.080		9.5	
Benzo (g,h,i) perylene	0.986	1.082		9.7	
1,2,4,5-Tetrachlorobenzene	0.553	0.571		3.3	
1,4-Dioxane	0.583	0.584		0.2	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.297		-1.7	

All other compounds must meet a minimum RRF of 0.010.