

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LANG01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3323</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/13/2025 14:32</u>
Lab File ID:	<u>BF143931.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	1.315		4.4	
Benzaldehyde	1.158	1.264		9.2	
Phenol-d6	1.501	1.526		1.7	
Phenol	1.795	1.830		2.0	20.0
bis(2-Chloroethyl)ether	1.386	1.441		4.0	
2-Chlorophenol	1.231	1.290		4.8	
2-Methylphenol	1.017	1.054		3.6	
2,2-oxybis(1-Chloropropane)	3.156	3.323		5.3	
Acetophenone	0.423	0.410		-3.1	
3+4-Methylphenols	1.179	1.218		3.3	
n-Nitroso-di-n-propylamine	1.028	0.993	0.050	-3.4	
Nitrobenzene-d5	0.329	0.350		6.4	
Hexachloroethane	0.485	0.495		2.1	
Nitrobenzene	0.366	0.389		6.3	
Isophorone	0.694	0.692		-0.3	
2-Nitrophenol	0.157	0.188		19.7	20.0
2,4-Dimethylphenol	0.282	0.287		1.8	
bis(2-Chloroethoxy)methane	0.438	0.437		-0.2	
2,4-Dichlorophenol	0.294	0.300		2.0	20.0
Naphthalene	0.910	0.902		-0.9	
4-Chloroaniline	0.341	0.346		1.5	
Hexachlorobutadiene	0.201	0.203		1.0	20.0
Caprolactam	0.093	0.092		-1.1	
4-Chloro-3-methylphenol	0.282	0.284		0.7	20.0
2-Methylnaphthalene	0.606	0.599		-1.2	
Hexachlorocyclopentadiene	0.229	0.220	0.050	-3.9	
2,4,6-Trichlorophenol	0.404	0.430		6.4	20.0
2-Fluorobiphenyl	1.260	1.190		-5.6	
2,4,5-Trichlorophenol	0.427	0.426		-0.2	
1,1-Biphenyl	1.324	1.316		-0.6	
2-Chloronaphthalene	1.104	1.120		1.4	
2-Nitroaniline	0.349	0.392		12.3	
Dimethylphthalate	1.270	1.252		-1.4	
Acenaphthylene	1.552	1.563		0.7	
2,6-Dinitrotoluene	0.236	0.269		14.0	
3-Nitroaniline	0.288	0.304		5.6	
Acenaphthene	1.017	1.019		0.2	20.0
2,4-Dinitrophenol	0.118	0.133	0.050	12.7	
4-Nitrophenol	0.218	0.210	0.050	-3.7	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LANG01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3323</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/13/2025 14:32</u>
Lab File ID:	<u>BF143931.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
Dibenzofuran	1.436	1.401		-2.4	
2,4-Dinitrotoluene	0.320	0.362		13.1	
Diethylphthalate	1.180	1.163		-1.4	
4-Chlorophenyl-phenylether	0.573	0.571		-0.3	
Fluorene	1.083	1.045		-3.5	
4-Nitroaniline	0.277	0.281		1.4	
4,6-Dinitro-2-methylphenol	0.101	0.116		14.9	
n-Nitrosodiphenylamine	0.628	0.641		2.1	20.0
2,4,6-Tribromophenol	0.199	0.200		0.5	
4-Bromophenyl-phenylether	0.221	0.226		2.3	
Hexachlorobenzene	0.256	0.251		-2.0	
Atrazine	0.190	0.186		-2.1	
Pentachlorophenol	0.147	0.142		-3.4	20.0
Phenanthrene	0.970	0.964		-0.6	
Anthracene	0.980	0.978		-0.2	
Carbazole	0.868	0.846		-2.5	
Di-n-butylphthalate	1.005	1.031		2.6	
Fluoranthene	1.002	0.938		-6.4	20.0
Pyrene	1.667	1.758		5.5	
Terphenyl-d14	1.170	1.262		7.9	
Butylbenzylphthalate	0.542	0.623		14.9	
3,3-Dichlorobenzidine	0.399	0.439		10.0	
Benzo (a) anthracene	1.309	1.385		5.8	
Chrysene	1.211	1.250		3.2	
Bis(2-ethylhexyl)phthalate	0.653	0.787		20.5	
Di-n-octyl phthalate	1.072	1.373		28.1	20.0
Benzo (b) fluoranthene	1.149	1.123		-2.3	
Benzo (k) fluoranthene	1.063	1.044		-1.8	
Benzo (a) pyrene	0.996	1.051		5.5	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.462		19.3	
Dibenzo (a,h) anthracene	0.986	1.181		19.8	
Benzo (g,h,i) perylene	0.986	1.149		16.5	
1,2,4,5-Tetrachlorobenzene	0.553	0.566		2.4	
1,4-Dioxane	0.583	0.615		5.5	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.301		-0.3	

All other compounds must meet a minimum RRF of 0.010.