

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/03/2025 12:53</u>
Lab File ID:	<u>BP026224.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.246	1.193		-4.3	
Benzaldehyde	0.831	1.056		27.1	
Phenol-d6	1.586	1.518		-4.3	
Phenol	1.709	1.631		-4.6	20.0
bis(2-Chloroethyl)ether	1.338	1.298		-3.0	
2-Chlorophenol	1.418	1.417		-0.1	
2-Methylphenol	1.163	1.133		-2.6	
2,2-oxybis(1-Chloropropane)	1.879	1.856		-1.2	
Acetophenone	0.508	0.496		-2.4	
3+4-Methylphenols	1.612	1.526		-5.3	
n-Nitroso-di-n-propylamine	0.985	0.955	0.050	-3.0	
Nitrobenzene-d5	0.352	0.349		-0.9	
Hexachloroethane	0.560	0.572		2.1	
Nitrobenzene	0.356	0.355		-0.3	
Isophorone	0.698	0.670		-4.0	
2-Nitrophenol	0.180	0.188		4.4	20.0
2,4-Dimethylphenol	0.325	0.281		-13.5	
bis(2-Chloroethoxy)methane	0.437	0.426		-2.5	
2,4-Dichlorophenol	0.325	0.325		0.0	20.0
Naphthalene	1.081	1.061		-1.9	
4-Chloroaniline	0.460	0.429		-6.7	
Hexachlorobutadiene	0.215	0.229		6.5	20.0
Caprolactam	0.116	0.099		-14.7	
4-Chloro-3-methylphenol	0.345	0.332		-3.8	20.0
2-Methylnaphthalene	0.766	0.747		-2.5	
Hexachlorocyclopentadiene	0.396	0.314	0.050	-20.7	
2,4,6-Trichlorophenol	0.415	0.430		3.6	20.0
2-Fluorobiphenyl	1.365	1.409		3.2	
2,4,5-Trichlorophenol	0.463	0.475		2.6	
1,1-Biphenyl	1.506	1.525		1.3	
2-Chloronaphthalene	1.184	1.205		1.8	
2-Nitroaniline	0.329	0.317		-3.6	
Dimethylphthalate	1.494	1.449		-3.0	
Acenaphthylene	1.953	1.927		-1.3	
2,6-Dinitrotoluene	0.296	0.305		3.0	
3-Nitroaniline	0.349	0.313		-10.3	
Acenaphthene	1.145	1.130		-1.3	20.0
2,4-Dinitrophenol	0.179	0.163	0.050	-8.9	
4-Nitrophenol	0.315	0.254	0.050	-19.4	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/03/2025 12:53</u>
Lab File ID:	<u>BP026224.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.738		-2.0	
2,4-Dinitrotoluene	0.442	0.422		-4.5	
Diethylphthalate	1.505	1.424		-5.4	
4-Chlorophenyl-phenylether	0.697	0.692		-0.7	
Fluorene	1.401	1.333		-4.9	
4-Nitroaniline	0.362	0.297		-18.0	
4,6-Dinitro-2-methylphenol	0.127	0.130		2.4	
n-Nitrosodiphenylamine	0.619	0.657		6.1	20.0
2,4,6-Tribromophenol	0.259	0.254		-1.9	
4-Bromophenyl-phenylether	0.221	0.243		10.0	
Hexachlorobenzene	0.257	0.281		9.3	
Atrazine	0.233	0.223		-4.3	
Pentachlorophenol	0.180	0.179		-0.6	20.0
Phenanthrene	1.127	1.123		-0.4	
Anthracene	1.149	1.164		1.3	
Carbazole	1.091	0.998		-8.5	
Di-n-butylphthalate	1.294	1.224		-5.4	
Fluoranthene	1.369	1.215		-11.2	20.0
Pyrene	1.311	1.430		9.1	
Terphenyl-d14	0.981	1.089		11.0	
Butylbenzylphthalate	0.578	0.574		-0.7	
3,3-Dichlorobenzidine	0.500	0.484		-3.2	
Benzo (a) anthracene	1.374	1.350		-1.7	
Chrysene	1.295	1.297		0.2	
Bis(2-ethylhexyl)phthalate	0.874	0.844		-3.4	
Di-n-octyl phthalate	1.529	1.460		-4.5	20.0
Benzo (b) fluoranthene	1.218	1.185		-2.7	
Benzo (k) fluoranthene	1.217	1.230		1.1	
Benzo (a) pyrene	1.154	1.166		1.0	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.615		7.7	
Dibenzo (a,h) anthracene	1.228	1.316		7.2	
Benzo (g,h,i) perylene	1.220	1.312		7.5	
1,2,4,5-Tetrachlorobenzene	0.605	0.646		6.8	
2,3,4,6-Tetrachlorophenol	0.393	0.384		-2.3	

All other compounds must meet a minimum RRF of 0.010.