

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2664</u>
Instrument ID:	<u>BNA_M</u>	Calibration Date/Time:	<u>07/23/2025 13:14</u>
Lab File ID:	<u>BM050488.D</u>	Init. Calib. Date(s):	<u>07/08/2025 07/08/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:39 17:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.162	1.155		-0.6	
Benzaldehyde	0.871	0.970		11.4	
Phenol-d6	1.465	1.500		2.3	
bis(2-Chloroethyl)ether	1.223	1.205		-1.5	
2,2-oxybis(1-Chloropropane)	1.802	1.689		-6.3	
Acetophenone	0.500	0.489		-2.2	
n-Nitroso-di-n-propylamine	0.887	0.944	0.050	6.4	
Nitrobenzene-d5	0.392	0.396		1.0	
Hexachloroethane	0.535	0.524		-2.1	
Nitrobenzene	0.350	0.345		-1.4	
Isophorone	0.636	0.679		6.8	
bis(2-Chloroethoxy)methane	0.422	0.421		-0.2	
Naphthalene	1.016	0.999		-1.7	
4-Chloroaniline	0.429	0.451		5.1	
Hexachlorobutadiene	0.228	0.231		1.3	20.0
Caprolactam	0.085	0.104		22.4	
2-Methylnaphthalene	0.641	0.668		4.2	
Hexachlorocyclopentadiene	0.407	0.385	0.050	-5.4	
2-Fluorobiphenyl	1.620	1.584		-2.2	
1,1-Biphenyl	1.484	1.451		-2.2	
2-Chloronaphthalene	1.183	1.151		-2.7	
2-Nitroaniline	0.264	0.289		9.5	
Dimethylphthalate	1.377	1.406		2.1	
Acenaphthylene	1.788	1.805		1.0	
2,6-Dinitrotoluene	0.264	0.298		12.9	
3-Nitroaniline	0.281	0.315		12.1	
Acenaphthene	1.137	1.141		0.4	20.0
Dibenzofuran	1.751	1.719		-1.8	
2,4-Dinitrotoluene	0.350	0.416		18.9	
Diethylphthalate	1.315	1.354		3.0	
4-Chlorophenyl-phenylether	0.754	0.756		0.3	
Fluorene	1.443	1.440		-0.2	
4-Nitroaniline	0.288	0.327		13.5	
n-Nitrosodiphenylamine	0.626	0.614		-1.9	20.0
2,4,6-Tribromophenol	0.243	0.291		19.8	
4-Bromophenyl-phenylether	0.220	0.231		5.0	
Hexachlorobenzene	0.260	0.268		3.1	
Atrazine	0.206	0.223		8.3	
Phenanthrene	1.132	1.098		-3.0	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.127	1.132		0.4	
Carbazole	1.019	1.029		1.0	
Di-n-butylphthalate	1.116	1.196		7.2	
Fluoranthene	1.230	1.298		5.5	20.0
Pyrene	1.281	1.274		-0.5	
Terphenyl-d14	1.137	1.037		-8.8	
Butylbenzylphthalate	0.422	0.518		22.7	
3,3-Dichlorobenzidine	0.439	0.521		18.7	
Benzo (a) anthracene	1.303	1.319		1.2	
Chrysene	1.229	1.218		-0.9	
Bis (2-ethylhexyl) phthalate	0.670	0.773		15.4	
Di-n-octyl phthalate	1.050	1.345		28.1	20.0
Benzo (b) fluoranthene	1.230	1.205		-2.0	
Benzo (k) fluoranthene	1.276	1.174		-8.0	
Benzo (a) pyrene	1.152	1.154		0.2	20.0
Indeno (1,2,3-cd) pyrene	1.422	1.462		2.8	
Dibenzo (a,h) anthracene	1.198	1.206		0.7	
Benzo (g,h,i) perylene	1.132	1.166		3.0	
1,2,4,5-Tetrachlorobenzene	0.636	0.641		0.8	
1,4-Dioxane	0.478	0.457		-4.4	20.0

All other compounds must meet a minimum RRF of 0.010.