

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/02/2025 13:36</u>
Lab File ID:	<u>BF143853.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:28 15:27</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.231	1.304		5.9	
Benzaldehyde	1.246	1.169		-6.2	
Phenol-d6	1.422	1.462		2.8	
Phenol	1.653	1.799		8.8	20.0
bis(2-Chloroethyl)ether	1.296	1.295		-0.1	
2-Chlorophenol	1.260	1.317		4.5	
2-Methylphenol	0.976	1.002		2.7	
2,2-oxybis(1-Chloropropane)	3.073	2.464		-19.8	
Acetophenone	0.439	0.440		0.2	
3+4-Methylphenols	1.185	1.233		4.0	
n-Nitroso-di-n-propylamine	0.915	0.846	0.050	-7.5	
Nitrobenzene-d5	0.327	0.349		6.7	
Hexachloroethane	0.514	0.522		1.6	
Nitrobenzene	0.362	0.377		4.1	
Isophorone	0.637	0.637		0.0	
2-Nitrophenol	0.132	0.175		32.6	20.0
2,4-Dimethylphenol	0.285	0.293		2.8	
bis(2-Chloroethoxy)methane	0.414	0.412		-0.5	
2,4-Dichlorophenol	0.280	0.306		9.3	20.0
Naphthalene	0.957	0.982		2.6	
4-Chloroaniline	0.336	0.356		6.0	
Hexachlorobutadiene	0.217	0.242		11.5	20.0
Caprolactam	0.072	0.077		6.9	
4-Chloro-3-methylphenol	0.263	0.277		5.3	20.0
2-Methylnaphthalene	0.611	0.634		3.8	
Hexachlorocyclopentadiene	0.383	0.366	0.050	-4.4	
2,4,6-Trichlorophenol	0.378	0.430		13.8	20.0
2-Fluorobiphenyl	1.282	1.374		7.2	
2,4,5-Trichlorophenol	0.395	0.447		13.2	
1,1-Biphenyl	1.448	1.497		3.4	
2-Chloronaphthalene	1.165	1.227		5.3	
2-Nitroaniline	0.352	0.411		16.8	
Dimethylphthalate	1.219	1.263		3.6	
Acenaphthylene	1.604	1.675		4.4	
2,6-Dinitrotoluene	0.200	0.248		24.0	
3-Nitroaniline	0.243	0.290		19.3	
Acenaphthene	1.056	1.107		4.8	20.0
2,4-Dinitrophenol	0.064	0.082	0.050	28.1	
4-Nitrophenol	0.196	0.191	0.050	-2.6	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.493	1.565		4.8	
2,4-Dinitrotoluene	0.261	0.333		27.6	
Diethylphthalate	1.141	1.171		2.6	
4-Chlorophenyl-phenylether	0.566	0.620		9.5	
Fluorene	1.110	1.166		5.0	
4-Nitroaniline	0.228	0.266		16.7	
4,6-Dinitro-2-methylphenol	0.067	0.087		29.9	
n-Nitrosodiphenylamine	0.658	0.683		3.8	20.0
2,4,6-Tribromophenol	0.296	0.461		55.7	
4-Bromophenyl-phenylether	0.341	0.413		21.1	
Hexachlorobenzene	0.470	0.626		33.2	
Atrazine	0.190	0.198		4.2	
Pentachlorophenol	0.234	0.296		26.5	20.0
Phenanthrene	1.027	1.070		4.2	
Anthracene	1.030	1.071		4.0	
Carbazole	0.901	0.933		3.6	
Di-n-butylphthalate	1.036	1.033		-0.3	
Fluoranthene	1.033	1.102		6.7	20.0
Pyrene	0.983	0.951		-3.3	
Terphenyl-d14	0.983	1.048		6.6	
Butylbenzylphthalate	0.340	0.333		-2.1	
3,3-Dichlorobenzidine	0.465	0.532		14.4	
Benzo (a) anthracene	1.074	1.085		1.0	
Chrysene	0.972	1.025		5.5	
Bis(2-ethylhexyl)phthalate	0.499	0.451		-9.6	
Di-n-octyl phthalate	0.905	0.841		-7.1	20.0
Benzo (b) fluoranthene	1.019	1.082		6.3	
Benzo (k) fluoranthene	1.023	0.967		-5.5	
Benzo (a) pyrene	0.957	0.989		3.3	20.0
Indeno (1,2,3-cd) pyrene	1.517	1.758		15.9	
Dibenzo (a,h) anthracene	1.241	1.457		17.4	
Benzo (g,h,i) perylene	1.196	1.390		16.2	
1,2,4,5-Tetrachlorobenzene	0.604	0.676		11.9	
1,4-Dioxane	0.589	0.616		4.6	20.0
2,3,4,6-Tetrachlorophenol	0.339	0.417		23.0	

All other compounds must meet a minimum RRF of 0.010.