

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3257</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>10/01/2025 15:08</u>
Lab File ID:	<u>BP025901.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.293		4.3	
Benzaldehyde	0.987	1.238		25.4	
Phenol-d6	1.648	1.614		-2.1	
Phenol	1.737	1.688		-2.8	20.0
bis(2-Chloroethyl)ether	1.396	1.322		-5.3	
2-Chlorophenol	1.360	1.371		0.8	
2-Methylphenol	1.171	1.117		-4.6	
2,2-oxybis(1-Chloropropane)	2.283	1.861		-18.5	
Acetophenone	0.534	0.539		0.9	
3+4-Methylphenols	1.640	1.483		-9.6	
n-Nitroso-di-n-propylamine	1.149	0.980	0.050	-14.7	
Nitrobenzene-d5	0.453	0.448		-1.1	
Hexachloroethane	0.602	0.591		-1.8	
Nitrobenzene	0.407	0.398		-2.2	
Isophorone	0.797	0.742		-6.9	
2-Nitrophenol	0.181	0.201		11.1	20.0
2,4-Dimethylphenol	0.317	0.319		0.6	
bis(2-Chloroethoxy)methane	0.461	0.451		-2.2	
2,4-Dichlorophenol	0.316	0.328		3.8	20.0
Naphthalene	1.078	1.059		-1.8	
4-Chloroaniline	0.449	0.453		0.9	
Hexachlorobutadiene	0.229	0.245		7.0	20.0
Caprolactam	0.122	0.132		8.2	
4-Chloro-3-methylphenol	0.377	0.357		-5.3	20.0
2-Methylnaphthalene	0.693	0.663		-4.3	
Hexachlorocyclopentadiene	0.330	0.315	0.050	-4.5	
2,4,6-Trichlorophenol	0.398	0.446		12.1	20.0
2-Fluorobiphenyl	1.502	1.562		4.0	
2,4,5-Trichlorophenol	0.443	0.475		7.2	
1,1-Biphenyl	1.468	1.518		3.4	
2-Chloronaphthalene	1.156	1.202		4.0	
2-Nitroaniline	0.385	0.375		-2.6	
Dimethylphthalate	1.527	1.464		-4.1	
Acenaphthylene	1.915	1.920		0.3	
2,6-Dinitrotoluene	0.324	0.330		1.9	
3-Nitroaniline	0.340	0.346		1.8	
Acenaphthene	1.104	1.098		-0.5	20.0
2,4-Dinitrophenol	0.183	0.207	0.050	13.1	
4-Nitrophenol	0.258	0.330	0.050	27.9	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.800	1.748		-2.9	
2,4-Dinitrotoluene	0.460	0.468		1.7	
Diethylphthalate	1.549	1.444		-6.8	
4-Chlorophenyl-phenylether	0.721	0.728		1.0	
Fluorene	1.431	1.410		-1.5	
4-Nitroaniline	0.349	0.354		1.4	
4,6-Dinitro-2-methylphenol	0.133	0.150		12.8	
n-Nitrosodiphenylamine	0.612	0.632		3.3	20.0
2,4,6-Tribromophenol	0.249	0.274		10.0	
4-Bromophenyl-phenylether	0.220	0.238		8.2	
Hexachlorobenzene	0.245	0.267		9.0	
Atrazine	0.234	0.236		0.9	
Pentachlorophenol	0.162	0.172		6.2	20.0
Phenanthrene	1.135	1.128		-0.6	
Anthracene	1.151	1.153		0.2	
Carbazole	1.070	1.042		-2.6	
Di-n-butylphthalate	1.313	1.293		-1.5	
Fluoranthene	1.361	1.317		-3.2	20.0
Pyrene	1.335	1.344		0.7	
Terphenyl-d14	1.112	1.159		4.2	
Butylbenzylphthalate	0.585	0.597		2.1	
3,3-Dichlorobenzidine	0.473	0.504		6.6	
Benzo (a) anthracene	1.369	1.352		-1.2	
Chrysene	1.305	1.283		-1.7	
Bis(2-ethylhexyl)phthalate	0.856	0.844		-1.4	
Di-n-octyl phthalate	1.523	1.517		-0.4	20.0
Benzo (b) fluoranthene	1.223	1.207		-1.3	
Benzo (k) fluoranthene	1.248	1.197		-4.1	
Benzo (a) pyrene	1.198	1.182		-1.3	20.0
Indeno (1,2,3-cd) pyrene	1.454	1.482		1.9	
Dibenzo (a,h) anthracene	1.190	1.214		2.0	
Benzo (g,h,i) perylene	1.171	1.194		2.0	
1,2,4,5-Tetrachlorobenzene	0.606	0.678		11.9	
1,4-Dioxane	0.520	0.513		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.399	0.412		3.3	

All other compounds must meet a minimum RRF of 0.010.