

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>10/08/2025 10:13</u>
Lab File ID:	<u>BF143887.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	1.370		8.8	
Benzaldehyde	1.158	1.366		18.0	
Phenol-d6	1.501	1.603		6.8	
Phenol	1.795	2.034		13.3	20.0
bis(2-Chloroethyl)ether	1.386	1.486		7.2	
2-Chlorophenol	1.231	1.334		8.4	
2-Methylphenol	1.017	1.097		7.9	
2,2-oxybis(1-Chloropropane)	3.156	3.374		6.9	
Acetophenone	0.423	0.443		4.7	
3+4-Methylphenols	1.179	1.286		9.1	
n-Nitroso-di-n-propylamine	1.028	1.050	0.050	2.1	
Nitrobenzene-d5	0.329	0.359		9.1	
Hexachloroethane	0.485	0.525		8.2	
Nitrobenzene	0.366	0.402		9.8	
Isophorone	0.694	0.729		5.0	
2-Nitrophenol	0.157	0.171		8.9	20.0
2,4-Dimethylphenol	0.282	0.311		10.3	
bis(2-Chloroethoxy)methane	0.438	0.454		3.7	
2,4-Dichlorophenol	0.294	0.312		6.1	20.0
Naphthalene	0.910	0.956		5.1	
4-Chloroaniline	0.341	0.360		5.6	
Hexachlorobutadiene	0.201	0.216		7.5	20.0
Caprolactam	0.093	0.102		9.7	
4-Chloro-3-methylphenol	0.282	0.302		7.1	20.0
2-Methylnaphthalene	0.606	0.626		3.3	
Hexachlorocyclopentadiene	0.229	0.244	0.050	6.6	
2,4,6-Trichlorophenol	0.404	0.428		5.9	20.0
2-Fluorobiphenyl	1.260	1.197		-5.0	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.324	1.365		3.1	
2-Chloronaphthalene	1.104	1.147		3.9	
2-Nitroaniline	0.349	0.394		12.9	
Dimethylphthalate	1.270	1.326		4.4	
Acenaphthylene	1.552	1.636		5.4	
2,6-Dinitrotoluene	0.236	0.266		12.7	
3-Nitroaniline	0.288	0.320		11.1	
Acenaphthene	1.017	1.047		3.0	20.0
2,4-Dinitrophenol	0.118	0.115	0.050	-2.5	
4-Nitrophenol	0.218	0.245	0.050	12.4	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.486		3.5	
2,4-Dinitrotoluene	0.320	0.367		14.7	
Diethylphthalate	1.180	1.260		6.8	
4-Chlorophenyl-phenylether	0.573	0.587		2.4	
Fluorene	1.083	1.100		1.6	
4-Nitroaniline	0.277	0.308		11.2	
4,6-Dinitro-2-methylphenol	0.101	0.104		3.0	
n-Nitrosodiphenylamine	0.628	0.645		2.7	20.0
2,4,6-Tribromophenol	0.199	0.213		7.0	
4-Bromophenyl-phenylether	0.221	0.221		0.0	
Hexachlorobenzene	0.256	0.262		2.3	
Atrazine	0.190	0.196		3.2	
Pentachlorophenol	0.147	0.152		3.4	20.0
Phenanthrene	0.970	0.981		1.1	
Anthracene	0.980	1.010		3.1	
Carbazole	0.868	0.895		3.1	
Di-n-butylphthalate	1.005	1.079		7.4	
Fluoranthene	1.002	1.052		5.0	20.0
Pyrene	1.667	1.756		5.3	
Terphenyl-d14	1.170	1.254		7.2	
Butylbenzylphthalate	0.542	0.605		11.6	
3,3-Dichlorobenzidine	0.399	0.417		4.5	
Benzo (a) anthracene	1.309	1.342		2.5	
Chrysene	1.211	1.288		6.4	
Bis(2-ethylhexyl)phthalate	0.653	0.714		9.3	
Di-n-octyl phthalate	1.072	1.129		5.3	20.0
Benzo (b) fluoranthene	1.149	1.192		3.7	
Benzo (k) fluoranthene	1.063	1.203		13.2	
Benzo (a) pyrene	0.996	1.095		9.9	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.337		9.1	
Dibenzo (a,h) anthracene	0.986	1.080		9.5	
Benzo (g,h,i) perylene	0.986	1.074		8.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.573		3.6	
1,4-Dioxane	0.583	0.664		13.9	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.328		8.6	

All other compounds must meet a minimum RRF of 0.010.