

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>WOOD06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3834</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/11/2025 13:04</u>
Lab File ID:	<u>BP026290.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	1.256		0.8	
Benzaldehyde	0.831	0.977		17.6	
Phenol-d6	1.586	1.449		-8.6	
Phenol	1.709	1.553		-9.1	20.0
bis(2-Chloroethyl)ether	1.338	1.227		-8.3	
2-Chlorophenol	1.418	1.388		-2.1	
2-Methylphenol	1.163	1.047		-10.0	
2,2-oxybis(1-Chloropropane)	1.879	1.677		-10.8	
Acetophenone	0.508	0.522		2.8	
3+4-Methylphenols	1.612	1.399		-13.2	
n-Nitroso-di-n-propylamine	0.985	0.848	0.050	-13.9	
Nitrobenzene-d5	0.352	0.372		5.7	
Hexachloroethane	0.560	0.595		6.3	
Nitrobenzene	0.356	0.373		4.8	
Isophorone	0.698	0.684		-2.0	
2-Nitrophenol	0.180	0.194		7.8	20.0
2,4-Dimethylphenol	0.325	0.300		-7.7	
bis(2-Chloroethoxy)methane	0.437	0.427		-2.3	
2,4-Dichlorophenol	0.325	0.342		5.2	20.0
Naphthalene	1.081	1.117		3.3	
4-Chloroaniline	0.460	0.432		-6.1	
Hexachlorobutadiene	0.215	0.255		18.6	20.0
Caprolactam	0.116	0.106		-8.6	
4-Chloro-3-methylphenol	0.345	0.335		-2.9	20.0
2-Methylnaphthalene	0.766	0.776		1.3	
Hexachlorocyclopentadiene	0.396	0.366	0.050	-7.6	
2,4,6-Trichlorophenol	0.415	0.449		8.2	20.0
2-Fluorobiphenyl	1.365	1.492		9.3	
2,4,5-Trichlorophenol	0.463	0.495		6.9	
1,1-Biphenyl	1.506	1.570		4.3	
2-Chloronaphthalene	1.184	1.251		5.7	
2-Nitroaniline	0.329	0.334		1.5	
Dimethylphthalate	1.494	1.551		3.8	
Acenaphthylene	1.953	2.022		3.5	
2,6-Dinitrotoluene	0.296	0.322		8.8	
3-Nitroaniline	0.349	0.341		-2.3	
Acenaphthene	1.145	1.151		0.5	20.0
2,4-Dinitrophenol	0.179	0.252	0.050	40.8	
4-Nitrophenol	0.315	0.274	0.050	-13.0	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.836		3.6	
2,4-Dinitrotoluene	0.442	0.476		7.7	
Diethylphthalate	1.505	1.583		5.2	
4-Chlorophenyl-phenylether	0.697	0.753		8.0	
Fluorene	1.401	1.474		5.2	
4-Nitroaniline	0.362	0.345		-4.7	
4,6-Dinitro-2-methylphenol	0.127	0.148		16.5	
n-Nitrosodiphenylamine	0.619	0.641		3.6	20.0
2,4,6-Tribromophenol	0.259	0.292		12.7	
4-Bromophenyl-phenylether	0.221	0.243		10.0	
Hexachlorobenzene	0.257	0.288		12.1	
Atrazine	0.233	0.243		4.3	
Pentachlorophenol	0.180	0.196		8.9	20.0
Phenanthrene	1.127	1.193		5.9	
Anthracene	1.149	1.204		4.8	
Carbazole	1.091	1.131		3.7	
Di-n-butylphthalate	1.294	1.405		8.6	
Fluoranthene	1.369	1.484		8.4	20.0
Pyrene	1.311	1.318		0.5	
Terphenyl-d14	0.981	1.046		6.6	
Butylbenzylphthalate	0.578	0.593		2.6	
3,3-Dichlorobenzidine	0.500	0.524		4.8	
Benzo (a) anthracene	1.374	1.422		3.5	
Chrysene	1.295	1.339		3.4	
Bis(2-ethylhexyl)phthalate	0.874	0.932		6.6	
Di-n-octyl phthalate	1.529	1.646		7.7	20.0
Benzo (b) fluoranthene	1.218	1.240		1.8	
Benzo (k) fluoranthene	1.217	1.285		5.6	
Benzo (a) pyrene	1.154	1.208		4.7	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.659		10.6	
Dibenzo (a,h) anthracene	1.228	1.353		10.2	
Benzo (g,h,i) perylene	1.220	1.361		11.6	
1,2,4,5-Tetrachlorobenzene	0.605	0.680		12.4	
1,4-Dioxane	0.505	0.541		7.1	20.0
2,3,4,6-Tetrachlorophenol	0.393	0.426		8.4	

All other compounds must meet a minimum RRF of 0.010.