

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AEC002</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3375</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/20/2025 13:28</u>
Lab File ID:	<u>BF143997.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	1.277		1.4	
Benzaldehyde	1.158	1.204		4.0	
Phenol-d6	1.501	1.495		-0.4	
Phenol	1.795	1.865		3.9	20.0
bis(2-Chloroethyl)ether	1.386	1.393		0.5	
2-Chlorophenol	1.231	1.238		0.6	
2-Methylphenol	1.017	1.013		-0.4	
2,2-oxybis(1-Chloropropane)	3.156	3.251		3.0	
Acetophenone	0.423	0.408		-3.5	
3+4-Methylphenols	1.179	1.202		2.0	
n-Nitroso-di-n-propylamine	1.028	0.963	0.050	-6.3	
Nitrobenzene-d5	0.329	0.338		2.7	
Hexachloroethane	0.485	0.497		2.5	
Nitrobenzene	0.366	0.371		1.4	
Isophorone	0.694	0.660		-4.9	
2-Nitrophenol	0.157	0.179		14.0	20.0
2,4-Dimethylphenol	0.282	0.286		1.4	
bis(2-Chloroethoxy)methane	0.438	0.428		-2.3	
2,4-Dichlorophenol	0.294	0.288		-2.0	20.0
Naphthalene	0.910	0.892		-2.0	
4-Chloroaniline	0.341	0.339		-0.6	
Hexachlorobutadiene	0.201	0.194		-3.5	20.0
Caprolactam	0.093	0.092		-1.1	
4-Chloro-3-methylphenol	0.282	0.273		-3.2	20.0
2-Methylnaphthalene	0.606	0.583		-3.8	
Hexachlorocyclopentadiene	0.229	0.236	0.050	3.1	
2,4,6-Trichlorophenol	0.404	0.405		0.2	20.0
2-Fluorobiphenyl	1.260	1.168		-7.3	
2,4,5-Trichlorophenol	0.427	0.422		-1.2	
1,1-Biphenyl	1.324	1.296		-2.1	
2-Chloronaphthalene	1.104	1.104		0.0	
2-Nitroaniline	0.349	0.369		5.7	
Dimethylphthalate	1.270	1.238		-2.5	
Acenaphthylene	1.552	1.553		0.1	
2,6-Dinitrotoluene	0.236	0.262		11.0	
3-Nitroaniline	0.288	0.307		6.6	
Acenaphthene	1.017	0.995		-2.2	20.0
2,4-Dinitrophenol	0.118	0.112	0.050	-5.1	
4-Nitrophenol	0.218	0.209	0.050	-4.1	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3375</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/20/2025 13:28</u>
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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.417		-1.3	
2,4-Dinitrotoluene	0.320	0.364		13.8	
Diethylphthalate	1.180	1.162		-1.5	
4-Chlorophenyl-phenylether	0.573	0.563		-1.7	
Fluorene	1.083	1.040		-4.0	
4-Nitroaniline	0.277	0.284		2.5	
4,6-Dinitro-2-methylphenol	0.101	0.110		8.9	
n-Nitrosodiphenylamine	0.628	0.625		-0.5	20.0
2,4,6-Tribromophenol	0.199	0.198		-0.5	
4-Bromophenyl-phenylether	0.221	0.220		-0.5	
Hexachlorobenzene	0.256	0.254		-0.8	
Atrazine	0.190	0.186		-2.1	
Pentachlorophenol	0.147	0.131		-10.9	20.0
Phenanthrene	0.970	0.966		-0.4	
Anthracene	0.980	0.968		-1.2	
Carbazole	0.868	0.858		-1.2	
Di-n-butylphthalate	1.005	1.014		0.9	
Fluoranthene	1.002	0.979		-2.3	20.0
Pyrene	1.667	1.712		2.7	
Terphenyl-d14	1.170	1.223		4.5	
Butylbenzylphthalate	0.542	0.563		3.9	
3,3-Dichlorobenzidine	0.399	0.393		-1.5	
Benzo (a) anthracene	1.309	1.276		-2.5	
Chrysene	1.211	1.205		-0.5	
Bis(2-ethylhexyl)phthalate	0.653	0.643		-1.5	
Di-n-octyl phthalate	1.072	1.026		-4.3	20.0
Benzo (b) fluoranthene	1.149	1.090		-5.1	
Benzo (k) fluoranthene	1.063	1.091		2.6	
Benzo (a) pyrene	0.996	1.015		1.9	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.431		16.8	
Dibenzo (a,h) anthracene	0.986	1.159		17.5	
Benzo (g,h,i) perylene	0.986	1.153		16.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.560		1.3	
1,4-Dioxane	0.583	0.607		4.1	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.298		-1.3	

All other compounds must meet a minimum RRF of 0.010.