

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3776</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/08/2025 13:44</u>
Lab File ID:	<u>BP026250.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	1.241		-0.4	
Benzaldehyde	0.831	1.079		29.8	
Phenol-d6	1.586	1.512		-4.7	
Phenol	1.709	1.618		-5.3	20.0
bis(2-Chloroethyl)ether	1.338	1.250		-6.6	
2-Chlorophenol	1.418	1.388		-2.1	
2-Methylphenol	1.163	1.106		-4.9	
2,2-oxybis(1-Chloropropane)	1.879	1.716		-8.7	
Acetophenone	0.508	0.525		3.3	
3+4-Methylphenols	1.612	1.485		-7.9	
n-Nitroso-di-n-propylamine	0.985	0.920	0.050	-6.6	
Nitrobenzene-d5	0.352	0.367		4.3	
Hexachloroethane	0.560	0.581		3.8	
Nitrobenzene	0.356	0.369		3.7	
Isophorone	0.698	0.703		0.7	
2-Nitrophenol	0.180	0.192		6.7	20.0
2,4-Dimethylphenol	0.325	0.309		-4.9	
bis(2-Chloroethoxy)methane	0.437	0.430		-1.6	
2,4-Dichlorophenol	0.325	0.342		5.2	20.0
Naphthalene	1.081	1.123		3.9	
4-Chloroaniline	0.460	0.459		-0.2	
Hexachlorobutadiene	0.215	0.241		12.1	20.0
Caprolactam	0.116	0.114		-1.7	
4-Chloro-3-methylphenol	0.345	0.349		1.2	20.0
2-Methylnaphthalene	0.766	0.789		3.0	
Hexachlorocyclopentadiene	0.396	0.408	0.050	3.0	
2,4,6-Trichlorophenol	0.415	0.439		5.8	20.0
2-Fluorobiphenyl	1.365	1.492		9.3	
2,4,5-Trichlorophenol	0.463	0.487		5.2	
1,1-Biphenyl	1.506	1.539		2.2	
2-Chloronaphthalene	1.184	1.242		4.9	
2-Nitroaniline	0.329	0.334		1.5	
Dimethylphthalate	1.494	1.554		4.0	
Acenaphthylene	1.953	2.058		5.4	
2,6-Dinitrotoluene	0.296	0.312		5.4	
3-Nitroaniline	0.349	0.340		-2.6	
Acenaphthene	1.145	1.164		1.7	20.0
2,4-Dinitrophenol	0.179	0.163	0.050	-8.9	
4-Nitrophenol	0.315	0.278	0.050	-11.7	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.884		6.3	
2,4-Dinitrotoluene	0.442	0.469		6.1	
Diethylphthalate	1.505	1.567		4.1	
4-Chlorophenyl-phenylether	0.697	0.759		8.9	
Fluorene	1.401	1.512		7.9	
4-Nitroaniline	0.362	0.357		-1.4	
4,6-Dinitro-2-methylphenol	0.127	0.125		-1.6	
n-Nitrosodiphenylamine	0.619	0.650		5.0	20.0
2,4,6-Tribromophenol	0.259	0.288		11.2	
4-Bromophenyl-phenylether	0.221	0.238		7.7	
Hexachlorobenzene	0.257	0.284		10.5	
Atrazine	0.233	0.239		2.6	
Pentachlorophenol	0.180	0.184		2.2	20.0
Phenanthrene	1.127	1.191		5.7	
Anthracene	1.149	1.203		4.7	
Carbazole	1.091	1.105		1.3	
Di-n-butylphthalate	1.294	1.383		6.9	
Fluoranthene	1.369	1.447		5.7	20.0
Pyrene	1.311	1.394		6.3	
Terphenyl-d14	0.981	1.110		13.1	
Butylbenzylphthalate	0.578	0.605		4.7	
3,3-Dichlorobenzidine	0.500	0.511		2.2	
Benzo (a) anthracene	1.374	1.425		3.7	
Chrysene	1.295	1.355		4.6	
Bis(2-ethylhexyl)phthalate	0.874	0.907		3.8	
Di-n-octyl phthalate	1.529	1.601		4.7	20.0
Benzo (b) fluoranthene	1.218	1.224		0.5	
Benzo (k) fluoranthene	1.217	1.267		4.1	
Benzo (a) pyrene	1.154	1.195		3.6	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.568		4.5	
Dibenzo (a,h) anthracene	1.228	1.284		4.6	
Benzo (g,h,i) perylene	1.220	1.272		4.3	
1,2,4,5-Tetrachlorobenzene	0.605	0.653		7.9	
1,4-Dioxane	0.505	0.529		4.8	20.0
2,3,4,6-Tetrachlorophenol	0.393	0.419		6.6	

All other compounds must meet a minimum RRF of 0.010.