

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR16</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3839</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/15/2025 12:03</u>
Lab File ID:	<u>BP026321.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	1.231		-1.2	
Benzaldehyde	0.831	0.974		17.2	
Phenol-d6	1.586	1.508		-4.9	
Phenol	1.709	1.607		-6.0	20.0
bis(2-Chloroethyl)ether	1.338	1.273		-4.9	
2-Chlorophenol	1.418	1.429		0.8	
2-Methylphenol	1.163	1.124		-3.4	
2,2-oxybis(1-Chloropropane)	1.879	1.729		-8.0	
Acetophenone	0.508	0.520		2.4	
3+4-Methylphenols	1.612	1.527		-5.3	
n-Nitroso-di-n-propylamine	0.985	0.945	0.050	-4.1	
Nitrobenzene-d5	0.352	0.363		3.1	
Hexachloroethane	0.560	0.587		4.8	
Nitrobenzene	0.356	0.367		3.1	
Isophorone	0.698	0.715		2.4	
2-Nitrophenol	0.180	0.203		12.8	20.0
2,4-Dimethylphenol	0.325	0.301		-7.4	
bis(2-Chloroethoxy)methane	0.437	0.438		0.2	
2,4-Dichlorophenol	0.325	0.350		7.7	20.0
Naphthalene	1.081	1.123		3.9	
4-Chloroaniline	0.460	0.447		-2.8	
Hexachlorobutadiene	0.215	0.255		18.6	20.0
Caprolactam	0.116	0.118		1.7	
4-Chloro-3-methylphenol	0.345	0.365		5.8	20.0
2-Methylnaphthalene	0.766	0.803		4.8	
Hexachlorocyclopentadiene	0.396	0.408	0.050	3.0	
2,4,6-Trichlorophenol	0.415	0.457		10.1	20.0
2-Fluorobiphenyl	1.365	1.468		7.5	
2,4,5-Trichlorophenol	0.463	0.511		10.4	
1,1-Biphenyl	1.506	1.577		4.7	
2-Chloronaphthalene	1.184	1.228		3.7	
2-Nitroaniline	0.329	0.339		3.0	
Dimethylphthalate	1.494	1.610		7.8	
Acenaphthylene	1.953	2.042		4.6	
2,6-Dinitrotoluene	0.296	0.334		12.8	
3-Nitroaniline	0.349	0.351		0.6	
Acenaphthene	1.145	1.171		2.3	20.0
2,4-Dinitrophenol	0.179	0.271	0.050	51.4	
4-Nitrophenol	0.315	0.259	0.050	-17.8	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.855		4.6	
2,4-Dinitrotoluene	0.442	0.495		12.0	
Diethylphthalate	1.505	1.615		7.3	
4-Chlorophenyl-phenylether	0.697	0.768		10.2	
Fluorene	1.401	1.495		6.7	
4-Nitroaniline	0.362	0.358		-1.1	
4,6-Dinitro-2-methylphenol	0.127	0.157		23.6	
n-Nitrosodiphenylamine	0.619	0.632		2.1	20.0
2,4,6-Tribromophenol	0.259	0.308		18.9	
4-Bromophenyl-phenylether	0.221	0.246		11.3	
Hexachlorobenzene	0.257	0.291		13.2	
Atrazine	0.233	0.226		-3.0	
Pentachlorophenol	0.180	0.189		5.0	20.0
Phenanthrene	1.127	1.166		3.5	
Anthracene	1.149	1.185		3.1	
Carbazole	1.091	1.067		-2.2	
Di-n-butylphthalate	1.294	1.358		4.9	
Fluoranthene	1.369	1.390		1.5	20.0
Pyrene	1.311	1.497		14.2	
Terphenyl-d14	0.981	1.151		17.3	
Butylbenzylphthalate	0.578	0.644		11.4	
3,3-Dichlorobenzidine	0.500	0.482		-3.6	
Benzo (a) anthracene	1.374	1.413		2.8	
Chrysene	1.295	1.336		3.2	
Bis(2-ethylhexyl)phthalate	0.874	0.916		4.8	
Di-n-octyl phthalate	1.529	1.502		-1.8	20.0
Benzo (b) fluoranthene	1.218	1.304		7.1	
Benzo (k) fluoranthene	1.217	1.330		9.3	
Benzo (a) pyrene	1.154	1.222		5.9	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.557		3.8	
Dibenzo (a,h) anthracene	1.228	1.269		3.3	
Benzo (g,h,i) perylene	1.220	1.256		3.0	
1,2,4,5-Tetrachlorobenzene	0.605	0.679		12.2	
1,4-Dioxane	0.505	0.505		0.0	20.0
2,3,4,6-Tetrachlorophenol	0.393	0.433		10.2	

All other compounds must meet a minimum RRF of 0.010.