

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3716</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/01/2025 14:09</u>
Lab File ID:	<u>BP026197.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
n-Nitrosodimethylamine	0.546	0.531		-2.7	
2-Fluorophenol	1.246	1.183		-5.1	
Phenol-d6	1.586	1.496		-5.7	
bis(2-Chloroethyl)ether	1.338	1.312		-1.9	
2,2-oxybis(1-Chloropropane)	1.879	1.879		0.0	
n-Nitroso-di-n-propylamine	0.985	0.953	0.050	-3.2	
Nitrobenzene-d5	0.352	0.352		0.0	
Hexachloroethane	0.560	0.573		2.3	
Nitrobenzene	0.356	0.356		0.0	
Isophorone	0.698	0.683		-2.1	
bis(2-Chloroethoxy)methane	0.437	0.426		-2.5	
1,2,4-Trichlorobenzene	0.331	0.337		1.8	
Naphthalene	1.081	1.080		-0.1	
Hexachlorobutadiene	0.215	0.227		5.6	20.0
Hexachlorocyclopentadiene	0.396	0.358	0.050	-9.6	
2-Fluorobiphenyl	1.365	1.415		3.7	
2-Chloronaphthalene	1.184	1.183		-0.1	
Dimethylphthalate	1.494	1.496		0.1	
Acenaphthylene	1.953	1.984		1.6	
2,6-Dinitrotoluene	0.296	0.297		0.3	
Acenaphthene	1.145	1.146		0.1	20.0
2,4-Dinitrotoluene	0.442	0.444		0.5	
Diethylphthalate	1.505	1.488		-1.1	
4-Chlorophenyl-phenylether	0.697	0.715		2.6	
Fluorene	1.401	1.429		2.0	
n-Nitrosodiphenylamine	0.619	0.618		-0.2	20.0
Azobenzene	1.269	1.269		0.0	
2,4,6-Tribromophenol	0.259	0.261		0.8	
4-Bromophenyl-phenylether	0.221	0.229		3.6	
Hexachlorobenzene	0.257	0.266		3.5	
Phenanthrene	1.127	1.149		2.0	
Anthracene	1.149	1.145		-0.3	
Di-n-butylphthalate	1.294	1.325		2.4	
Fluoranthene	1.369	1.373		0.3	20.0
Benzidine	0.635	0.579		-8.8	
Pyrene	1.311	1.288		-1.8	
Terphenyl-d14	0.981	0.994		1.3	
Butylbenzylphthalate	0.578	0.557		-3.6	
3,3-Dichlorobenzidine	0.500	0.463		-7.4	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo (a) anthracene	1.374	1.338		-2.6	
Chrysene	1.295	1.277		-1.4	
Bis (2-ethylhexyl) phthalate	0.874	0.870		-0.5	
Di-n-octyl phthalate	1.529	1.473		-3.7	20.0
Benzo (b) fluoranthene	1.218	1.215		-0.2	
Benzo (k) fluoranthene	1.217	1.260		3.5	
Benzo (a) pyrene	1.154	1.169		1.3	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.526		1.7	
Dibenzo (a,h) anthracene	1.228	1.250		1.8	
Benzo (g,h,i) perylene	1.220	1.252		2.6	

All other compounds must meet a minimum RRF of 0.010.