

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/03/2025 12:25</u>
Lab File ID:	<u>BF144415.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18 (mm)</u>

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.341		4.9	
Benzaldehyde	0.818	1.114		36.2	
Phenol-d6	1.448	1.466		1.2	
Phenol	1.769	1.803		1.9	20.0
bis(2-Chloroethyl)ether	1.289	1.408		9.2	
2-Chlorophenol	1.253	1.338		6.8	
2-Methylphenol	0.997	1.031		3.4	
2,2-oxybis(1-Chloropropane)	2.374	2.545		7.2	
Acetophenone	0.429	0.429		0.0	
3+4-Methylphenols	1.175	1.202		2.3	
n-Nitroso-di-n-propylamine	0.953	0.943	0.050	-1.0	
Nitrobenzene-d5	0.346	0.360		4.0	
Hexachloroethane	0.515	0.535		3.9	
Nitrobenzene	0.376	0.390		3.7	
Isophorone	0.655	0.682		4.1	
2-Nitrophenol	0.186	0.204		9.7	20.0
2,4-Dimethylphenol	0.279	0.285		2.2	
bis(2-Chloroethoxy)methane	0.409	0.438		7.1	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.987		3.8	
4-Chloroaniline	0.347	0.356		2.6	
Hexachlorobutadiene	0.249	0.255		2.4	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.295		2.4	20.0
2-Methylnaphthalene	0.636	0.649		2.0	
Hexachlorocyclopentadiene	0.195	0.181	0.050	-7.2	
2,4,6-Trichlorophenol	0.446	0.458		2.7	20.0
2-Fluorobiphenyl	1.354	1.352		-0.1	
2,4,5-Trichlorophenol	0.481	0.486		1.0	
1,1-Biphenyl	1.396	1.429		2.4	
2-Chloronaphthalene	1.191	1.229		3.2	
2-Nitroaniline	0.344	0.350		1.7	
Dimethylphthalate	1.325	1.336		0.8	
Acenaphthylene	1.623	1.633		0.6	
2,6-Dinitrotoluene	0.268	0.282		5.2	
3-Nitroaniline	0.293	0.301		2.7	
Acenaphthene	1.085	1.029		-5.2	20.0
2,4-Dinitrophenol	0.162	0.209	0.050	29.0	
4-Nitrophenol	0.212	0.183	0.050	-13.7	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/03/2025 12:25</u>
Lab File ID:	<u>BF144415.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.503		-1.1	
2,4-Dinitrotoluene	0.359	0.371		3.3	
Diethylphthalate	1.221	1.237		1.3	
4-Chlorophenyl-phenylether	0.658	0.661		0.5	
Fluorene	1.156	1.166		0.9	
4-Nitroaniline	0.279	0.282		1.1	
4,6-Dinitro-2-methylphenol	0.136	0.136		0.0	
n-Nitrosodiphenylamine	0.643	0.685		6.5	20.0
2,4,6-Tribromophenol	0.251	0.254		1.2	
4-Bromophenyl-phenylether	0.255	0.270		5.9	
Hexachlorobenzene	0.301	0.324		7.6	
Atrazine	0.205	0.207		1.0	
Pentachlorophenol	0.150	0.165		10.0	20.0
Phenanthrene	0.996	1.044		4.8	
Anthracene	1.013	1.060		4.6	
Carbazole	0.861	0.879		2.1	
Di-n-butylphthalate	1.041	1.123		7.9	
Fluoranthene	1.029	1.037		0.8	20.0
Pyrene	1.613	1.453		-9.9	
Terphenyl-d14	1.259	1.155		-8.3	
Butylbenzylphthalate	0.559	0.568		1.6	
3,3-Dichlorobenzidine	0.475	0.519		9.3	
Benzo (a) anthracene	1.386	1.453		4.8	
Chrysene	1.280	1.234		-3.6	
Bis(2-ethylhexyl)phthalate	0.765	0.823		7.6	
Di-n-octyl phthalate	1.320	1.550		17.4	20.0
Benzo (b) fluoranthene	1.137	1.189		4.6	
Benzo (k) fluoranthene	1.064	1.093		2.7	
Benzo (a) pyrene	1.049	1.094		4.3	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.486		3.5	
Dibenzo (a,h) anthracene	1.153	1.181		2.4	
Benzo (g,h,i) perylene	1.139	1.140		0.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.692		5.6	
2,3,4,6-Tetrachlorophenol	0.340	0.332		-2.4	

All other compounds must meet a minimum RRF of 0.010.