

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>WALS01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2487</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>07/10/2025 14:04</u>
Lab File ID:	<u>BP025082.D</u>	Init. Calib. Date(s):	<u>07/03/2025 07/03/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:39 14:31</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.128		-0.1	
Benzaldehyde	0.769	0.676		-12.1	
Phenol-d6	1.473	1.499		1.8	
Phenol	1.497	1.506		0.6	20.0
bis(2-Chloroethyl)ether	1.152	1.158		0.5	
2-Chlorophenol	1.263	1.274		0.9	
2-Methylphenol	0.964	0.990		2.7	
2,2-oxybis(1-Chloropropane)	1.498	1.516		1.2	
Acetophenone	0.473	0.455		-3.8	
3+4-Methylphenols	1.350	1.349		-0.1	
n-Nitroso-di-n-propylamine	0.874	0.899	0.050	2.9	
Nitrobenzene-d5	0.301	0.307		2.0	
Hexachloroethane	0.466	0.475		1.9	
Nitrobenzene	0.306	0.311		1.6	
Isophorone	0.562	0.555		-1.2	
2-Nitrophenol	0.128	0.134		4.7	20.0
2,4-Dimethylphenol	0.210	0.205		-2.4	
bis(2-Chloroethoxy)methane	0.382	0.375		-1.8	
2,4-Dichlorophenol	0.291	0.293		0.7	20.0
Naphthalene	1.030	1.002		-2.7	
4-Chloroaniline	0.384	0.377		-1.8	
Hexachlorobutadiene	0.185	0.180		-2.7	20.0
Caprolactam	0.099	0.095		-4.0	
4-Chloro-3-methylphenol	0.304	0.305		0.3	20.0
2-Methylnaphthalene	0.727	0.709		-2.5	
Hexachlorocyclopentadiene	0.150	0.159	0.050	6.0	
2,4,6-Trichlorophenol	0.348	0.364		4.6	20.0
2-Fluorobiphenyl	1.291	1.301		0.8	
2,4,5-Trichlorophenol	0.394	0.412		4.6	
1,1-Biphenyl	1.455	1.443		-0.8	
2-Chloronaphthalene	1.094	1.099		0.5	
2-Nitroaniline	0.237	0.260		9.7	
Dimethylphthalate	1.400	1.389		-0.8	
Acenaphthylene	1.674	1.683		0.5	
2,6-Dinitrotoluene	0.273	0.287		5.1	
3-Nitroaniline	0.293	0.315		7.5	
Acenaphthene	1.079	1.064		-1.4	20.0
2,4-Dinitrophenol	0.114	0.116	0.050	1.8	
4-Nitrophenol	0.270	0.274	0.050	1.5	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.758		-1.3	
2,4-Dinitrotoluene	0.356	0.389		9.3	
Diethylphthalate	1.406	1.421		1.1	
4-Chlorophenyl-phenylether	0.682	0.673		-1.3	
Fluorene	1.377	1.368		-0.7	
4-Nitroaniline	0.307	0.331		7.8	
4,6-Dinitro-2-methylphenol	0.082	0.083		1.2	
n-Nitrosodiphenylamine	0.572	0.563		-1.6	20.0
2,4,6-Tribromophenol	0.236	0.238		0.8	
4-Bromophenyl-phenylether	0.205	0.204		-0.5	
Hexachlorobenzene	0.250	0.246		-1.6	
Atrazine	0.168	0.158		-6.0	
Pentachlorophenol	0.169	0.172		1.8	20.0
Phenanthrene	1.069	1.054		-1.4	
Anthracene	1.025	1.036		1.1	
Carbazole	1.002	1.007		0.5	
Di-n-butylphthalate	1.116	1.178		5.6	
Fluoranthene	1.249	1.257		0.6	20.0
Pyrene	1.239	1.223		-1.3	
Terphenyl-d14	0.910	0.936		2.9	
Butylbenzylphthalate	0.402	0.460		14.4	
3,3-Dichlorobenzidine	0.365	0.399		9.3	
Benzo (a) anthracene	1.212	1.214		0.2	
Chrysene	1.166	1.155		-0.9	
Bis(2-ethylhexyl)phthalate	0.650	0.713		9.7	
Di-n-octyl phthalate	1.054	1.169		10.9	20.0
Benzo (b) fluoranthene	1.164	1.196		2.7	
Benzo (k) fluoranthene	1.158	1.154		-0.3	
Benzo (a) pyrene	0.991	1.037		4.6	20.0
Indeno (1,2,3-cd) pyrene	1.274	1.327		4.2	
Dibenzo (a,h) anthracene	1.053	1.107		5.1	
Benzo (g,h,i) perylene	1.088	1.118		2.8	
1,2,4,5-Tetrachlorobenzene	0.575	0.582		1.2	
1,4-Dioxane	0.439	0.424		-3.4	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.369		3.4	

All other compounds must meet a minimum RRF of 0.010.