

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>07/15/2025 09:36</u>
Lab File ID:	<u>BP025138.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	1.147		1.6	
Benzaldehyde	0.769	0.679		-11.7	
Phenol-d6	1.473	1.355		-8.0	
Phenol	1.497	1.357		-9.4	20.0
bis(2-Chloroethyl)ether	1.152	1.035		-10.2	
2-Chlorophenol	1.263	1.226		-2.9	
2-Methylphenol	0.964	0.882		-8.5	
2,2-oxybis(1-Chloropropane)	1.498	1.230		-17.9	
Acetophenone	0.473	0.447		-5.5	
3+4-Methylphenols	1.350	1.168		-13.5	
n-Nitroso-di-n-propylamine	0.874	0.714	0.050	-18.3	
Nitrobenzene-d5	0.301	0.314		4.3	
Hexachloroethane	0.466	0.480		3.0	
Nitrobenzene	0.306	0.312		2.0	
Isophorone	0.562	0.502		-10.7	
2-Nitrophenol	0.128	0.173		35.2	20.0
2,4-Dimethylphenol	0.210	0.204		-2.9	
bis(2-Chloroethoxy)methane	0.382	0.353		-7.6	
2,4-Dichlorophenol	0.291	0.298		2.4	20.0
Naphthalene	1.030	1.000		-2.9	
4-Chloroaniline	0.384	0.355		-7.6	
Hexachlorobutadiene	0.185	0.203		9.7	20.0
Caprolactam	0.099	0.087		-12.1	
4-Chloro-3-methylphenol	0.304	0.283		-6.9	20.0
2-Methylnaphthalene	0.727	0.661		-9.1	
Hexachlorocyclopentadiene	0.150	0.198	0.050	32.0	
2,4,6-Trichlorophenol	0.348	0.391		12.4	20.0
2-Fluorobiphenyl	1.291	1.304		1.0	
2,4,5-Trichlorophenol	0.394	0.423		7.4	
1,1-Biphenyl	1.455	1.428		-1.9	
2-Chloronaphthalene	1.094	1.097		0.3	
2-Nitroaniline	0.237	0.272		14.8	
Dimethylphthalate	1.400	1.334		-4.7	
Acenaphthylene	1.674	1.684		0.6	
2,6-Dinitrotoluene	0.273	0.289		5.9	
3-Nitroaniline	0.293	0.323		10.2	
Acenaphthene	1.079	1.045		-3.2	20.0
2,4-Dinitrophenol	0.114	0.153	0.050	34.2	
4-Nitrophenol	0.270	0.289	0.050	7.0	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.717		-3.6	
2,4-Dinitrotoluene	0.356	0.401		12.6	
Diethylphthalate	1.406	1.348		-4.1	
4-Chlorophenyl-phenylether	0.682	0.655		-4.0	
Fluorene	1.377	1.332		-3.3	
4-Nitroaniline	0.307	0.342		11.4	
4,6-Dinitro-2-methylphenol	0.082	0.111		35.4	
n-Nitrosodiphenylamine	0.572	0.577		0.9	20.0
2,4,6-Tribromophenol	0.236	0.272		15.3	
4-Bromophenyl-phenylether	0.205	0.223		8.8	
Hexachlorobenzene	0.250	0.259		3.6	
Atrazine	0.168	0.147		-12.5	
Pentachlorophenol	0.169	0.198		17.2	20.0
Phenanthrene	1.069	1.047		-2.1	
Anthracene	1.025	1.043		1.8	
Carbazole	1.002	1.027		2.5	
Di-n-butylphthalate	1.116	1.242		11.3	
Fluoranthene	1.249	1.286		3.0	20.0
Pyrene	1.239	1.176		-5.1	
Terphenyl-d14	0.910	0.896		-1.5	
Butylbenzylphthalate	0.402	0.528		31.3	
3,3-Dichlorobenzidine	0.365	0.460		26.0	
Benzo (a) anthracene	1.212	1.213		0.1	
Chrysene	1.166	1.161		-0.4	
Bis(2-ethylhexyl)phthalate	0.650	0.765		17.7	
Di-n-octyl phthalate	1.054	1.391		32.0	20.0
Benzo (b) fluoranthene	1.164	1.125		-3.4	
Benzo (k) fluoranthene	1.158	1.086		-6.2	
Benzo (a) pyrene	0.991	1.013		2.2	20.0
Indeno (1,2,3-cd) pyrene	1.274	1.401		10.0	
Dibenzo (a,h) anthracene	1.053	1.150		9.2	
Benzo (g,h,i) perylene	1.088	1.183		8.7	
1,2,4,5-Tetrachlorobenzene	0.575	0.622		8.2	
1,4-Dioxane	0.439	0.426		-3.0	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.378		5.9	

All other compounds must meet a minimum RRF of 0.010.