

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2543</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>07/11/2025 10:26</u>
Lab File ID:	<u>BP025098.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	1.080		-4.3	
Benzaldehyde	0.769	0.703		-8.6	
Phenol-d6	1.473	1.349		-8.4	
Phenol	1.497	1.353		-9.6	20.0
bis(2-Chloroethyl)ether	1.152	1.022		-11.3	
2-Chlorophenol	1.263	1.181		-6.5	
2-Methylphenol	0.964	0.898		-6.8	
2,2-oxybis(1-Chloropropane)	1.498	1.256		-16.2	
Acetophenone	0.473	0.432		-8.7	
3+4-Methylphenols	1.350	1.229		-9.0	
n-Nitroso-di-n-propylamine	0.874	0.775	0.050	-11.3	
Nitrobenzene-d5	0.301	0.294		-2.3	
Hexachloroethane	0.466	0.451		-3.2	
Nitrobenzene	0.306	0.293		-4.2	
Isophorone	0.562	0.511		-9.1	
2-Nitrophenol	0.128	0.157		22.7	20.0
2,4-Dimethylphenol	0.210	0.197		-6.2	
bis(2-Chloroethoxy)methane	0.382	0.348		-8.9	
2,4-Dichlorophenol	0.291	0.284		-2.4	20.0
Naphthalene	1.030	0.954		-7.4	
4-Chloroaniline	0.384	0.358		-6.8	
Hexachlorobutadiene	0.185	0.181		-2.2	20.0
Caprolactam	0.099	0.096		-3.0	
4-Chloro-3-methylphenol	0.304	0.289		-4.9	20.0
2-Methylnaphthalene	0.727	0.670		-7.8	
Hexachlorocyclopentadiene	0.150	0.157	0.050	4.7	
2,4,6-Trichlorophenol	0.348	0.359		3.2	20.0
2-Fluorobiphenyl	1.291	1.209		-6.4	
2,4,5-Trichlorophenol	0.394	0.401		1.8	
1,1-Biphenyl	1.455	1.361		-6.5	
2-Chloronaphthalene	1.094	1.031		-5.8	
2-Nitroaniline	0.237	0.263		11.0	
Dimethylphthalate	1.400	1.311		-6.4	
Acenaphthylene	1.674	1.579		-5.7	
2,6-Dinitrotoluene	0.273	0.282		3.3	
3-Nitroaniline	0.293	0.313		6.8	
Acenaphthene	1.079	0.993		-8.0	20.0
2,4-Dinitrophenol	0.114	0.141	0.050	23.7	
4-Nitrophenol	0.270	0.286	0.050	5.9	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.624		-8.8	
2,4-Dinitrotoluene	0.356	0.388		9.0	
Diethylphthalate	1.406	1.347		-4.2	
4-Chlorophenyl-phenylether	0.682	0.631		-7.5	
Fluorene	1.377	1.284		-6.8	
4-Nitroaniline	0.307	0.335		9.1	
4,6-Dinitro-2-methylphenol	0.082	0.097		18.3	
n-Nitrosodiphenylamine	0.572	0.541		-5.4	20.0
2,4,6-Tribromophenol	0.236	0.262		11.0	
4-Bromophenyl-phenylether	0.205	0.202		-1.5	
Hexachlorobenzene	0.250	0.241		-3.6	
Atrazine	0.168	0.155		-7.7	
Pentachlorophenol	0.169	0.182		7.7	20.0
Phenanthrene	1.069	0.996		-6.8	
Anthracene	1.025	0.968		-5.6	
Carbazole	1.002	0.969		-3.3	
Di-n-butylphthalate	1.116	1.156		3.6	
Fluoranthene	1.249	1.230		-1.5	20.0
Pyrene	1.239	1.152		-7.0	
Terphenyl-d14	0.910	0.865		-4.9	
Butylbenzylphthalate	0.402	0.500		24.4	
3,3-Dichlorobenzidine	0.365	0.422		15.6	
Benzo (a) anthracene	1.212	1.154		-4.8	
Chrysene	1.166	1.093		-6.3	
Bis(2-ethylhexyl)phthalate	0.650	0.721		10.9	
Di-n-octyl phthalate	1.054	1.248		18.4	20.0
Benzo (b) fluoranthene	1.164	1.102		-5.3	
Benzo (k) fluoranthene	1.158	1.068		-7.8	
Benzo (a) pyrene	0.991	0.972		-1.9	20.0
Indeno (1,2,3-cd) pyrene	1.274	1.302		2.2	
Dibenzo (a,h) anthracene	1.053	1.067		1.3	
Benzo (g,h,i) perylene	1.088	1.097		0.8	
1,2,4,5-Tetrachlorobenzene	0.575	0.556		-3.3	
1,4-Dioxane	0.439	0.390		-11.2	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.371		3.9	

All other compounds must meet a minimum RRF of 0.010.