

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>10/06/2025 15:34</u>
Lab File ID:	<u>BP025924.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.259		1.5	
Benzaldehyde	0.987	1.230		24.6	
Phenol-d6	1.648	1.630		-1.1	
Phenol	1.737	1.761		1.4	20.0
bis(2-Chloroethyl)ether	1.396	1.398		0.1	
2-Chlorophenol	1.360	1.410		3.7	
2-Methylphenol	1.171	1.171		0.0	
2,2-oxybis(1-Chloropropane)	2.283	2.036		-10.8	
Acetophenone	0.534	0.535		0.2	
3+4-Methylphenols	1.640	1.594		-2.8	
n-Nitroso-di-n-propylamine	1.149	1.084	0.050	-5.7	
Nitrobenzene-d5	0.453	0.403		-11.0	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.409		0.5	
Isophorone	0.797	0.763		-4.3	
2-Nitrophenol	0.181	0.201		11.1	20.0
2,4-Dimethylphenol	0.317	0.293		-7.6	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
2,4-Dichlorophenol	0.316	0.334		5.7	20.0
Naphthalene	1.078	1.068		-0.9	
4-Chloroaniline	0.449	0.409		-8.9	
Hexachlorobutadiene	0.229	0.239		4.4	20.0
Caprolactam	0.122	0.115		-5.7	
4-Chloro-3-methylphenol	0.377	0.374		-0.8	20.0
2-Methylnaphthalene	0.693	0.761		9.8	
Hexachlorocyclopentadiene	0.330	0.311	0.050	-5.8	
2,4,6-Trichlorophenol	0.398	0.428		7.5	20.0
2-Fluorobiphenyl	1.502	1.339		-10.9	
2,4,5-Trichlorophenol	0.443	0.456		2.9	
1,1-Biphenyl	1.468	1.475		0.5	
2-Chloronaphthalene	1.156	1.164		0.7	
2-Nitroaniline	0.385	0.383		-0.5	
Dimethylphthalate	1.527	1.498		-1.9	
Acenaphthylene	1.915	1.710		-10.7	
2,6-Dinitrotoluene	0.324	0.316		-2.5	
3-Nitroaniline	0.340	0.343		0.9	
Acenaphthene	1.104	1.107		0.3	20.0
2,4-Dinitrophenol	0.183	0.180	0.050	-1.6	
4-Nitrophenol	0.258	0.275	0.050	6.6	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.800	1.764		-2.0	
2,4-Dinitrotoluene	0.460	0.469		2.0	
Diethylphthalate	1.549	1.510		-2.5	
4-Chlorophenyl-phenylether	0.721	0.730		1.2	
Fluorene	1.431	1.407		-1.7	
4-Nitroaniline	0.349	0.345		-1.1	
4,6-Dinitro-2-methylphenol	0.133	0.145		9.0	
n-Nitrosodiphenylamine	0.612	0.606		-1.0	20.0
2,4,6-Tribromophenol	0.249	0.265		6.4	
4-Bromophenyl-phenylether	0.220	0.235		6.8	
Hexachlorobenzene	0.245	0.263		7.3	
Atrazine	0.234	0.229		-2.1	
Pentachlorophenol	0.162	0.158		-2.5	20.0
Phenanthrene	1.135	1.118		-1.5	
Anthracene	1.151	1.127		-2.1	
Carbazole	1.070	1.067		-0.3	
Di-n-butylphthalate	1.313	1.345		2.4	
Fluoranthene	1.361	1.348		-1.0	20.0
Pyrene	1.335	1.369		2.5	
Terphenyl-d14	1.112	1.007		-9.4	
Butylbenzylphthalate	0.585	0.589		0.7	
3,3-Dichlorobenzidine	0.473	0.454		-4.0	
Benzo (a) anthracene	1.369	1.358		-0.8	
Chrysene	1.305	1.276		-2.2	
Bis(2-ethylhexyl)phthalate	0.856	0.846		-1.2	
Di-n-octyl phthalate	1.523	1.539		1.1	20.0
Benzo (b) fluoranthene	1.223	1.227		0.3	
Benzo (k) fluoranthene	1.248	1.243		-0.4	
Benzo (a) pyrene	1.198	1.158		-3.3	20.0
Indeno (1,2,3-cd) pyrene	1.454	1.470		1.1	
Dibenzo (a,h) anthracene	1.190	1.204		1.2	
Benzo (g,h,i) perylene	1.171	1.151		-1.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.641		5.8	
1,4-Dioxane	0.520	0.491		-5.6	20.0
2,3,4,6-Tetrachlorophenol	0.399	0.395		-1.0	

All other compounds must meet a minimum RRF of 0.010.