

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>HERO01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2928</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>08/26/2025 10:21</u>
Lab File ID:	<u>BP025579.D</u>	Init. Calib. Date(s):	<u>08/14/2025 08/14/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:33 17:24</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.238		2.8	
Benzaldehyde	1.082	1.311		21.2	
Phenol-d6	1.544	1.536		-0.5	
Phenol	1.620	1.579		-2.5	20.0
bis(2-Chloroethyl)ether	1.263	1.232		-2.5	
2-Chlorophenol	1.359	1.354		-0.4	
2-Methylphenol	1.125	1.095		-2.7	
2,2-oxybis(1-Chloropropane)	1.692	1.682		-0.6	
Acetophenone	0.502	0.498		-0.8	
3+4-Methylphenols	1.560	1.460		-6.4	
n-Nitroso-di-n-propylamine	1.023	0.944	0.050	-7.7	
Nitrobenzene-d5	0.395	0.403		2.0	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.356		0.9	
Isophorone	0.700	0.679		-3.0	
2-Nitrophenol	0.181	0.189		4.4	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.409		-3.3	
2,4-Dichlorophenol	0.310	0.308		-0.6	20.0
Naphthalene	1.040	1.016		-2.3	
4-Chloroaniline	0.459	0.440		-4.1	
Hexachlorobutadiene	0.211	0.212		0.5	20.0
Caprolactam	0.114	0.106		-7.0	
4-Chloro-3-methylphenol	0.355	0.344		-3.1	20.0
2-Methylnaphthalene	0.676	0.650		-3.8	
Hexachlorocyclopentadiene	0.349	0.378	0.050	8.3	
2,4,6-Trichlorophenol	0.390	0.414		6.2	20.0
2-Fluorobiphenyl	1.463	1.454		-0.6	
2,4,5-Trichlorophenol	0.427	0.455		6.6	
1,1-Biphenyl	1.453	1.465		0.8	
2-Chloronaphthalene	1.131	1.145		1.2	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.457		-0.5	
Acenaphthylene	1.871	1.885		0.7	
2,6-Dinitrotoluene	0.309	0.317		2.6	
3-Nitroaniline	0.347	0.352		1.4	
Acenaphthene	1.098	1.071		-2.5	20.0
2,4-Dinitrophenol	0.165	0.206	0.050	24.8	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.708		-1.6	
2,4-Dinitrotoluene	0.440	0.449		2.0	
Diethylphthalate	1.488	1.476		-0.8	
4-Chlorophenyl-phenylether	0.681	0.673		-1.2	
Fluorene	1.370	1.330		-2.9	
4-Nitroaniline	0.356	0.360		1.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.600		-1.6	20.0
2,4,6-Tribromophenol	0.269	0.279		3.7	
4-Bromophenyl-phenylether	0.220	0.223		1.4	
Hexachlorobenzene	0.255	0.259		1.6	
Atrazine	0.228	0.224		-1.8	
Pentachlorophenol	0.161	0.160		-0.6	20.0
Phenanthrene	1.099	1.075		-2.2	
Anthracene	1.122	1.109		-1.2	
Carbazole	1.057	1.018		-3.7	
Di-n-butylphthalate	1.300	1.288		-0.9	
Fluoranthene	1.311	1.234		-5.9	20.0
Pyrene	1.300	1.297		-0.2	
Terphenyl-d14	1.093	1.098		0.5	
Butylbenzylphthalate	0.589	0.609		3.4	
3,3-Dichlorobenzidine	0.497	0.499		0.4	
Benzo (a) anthracene	1.319	1.294		-1.9	
Chrysene	1.235	1.223		-1.0	
Bis(2-ethylhexyl)phthalate	0.867	0.871		0.5	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo (b) fluoranthene	1.179	1.158		-1.8	
Benzo (k) fluoranthene	1.180	1.141		-3.3	
Benzo (a) pyrene	1.148	1.118		-2.6	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.442		-1.7	
Dibenzo (a,h) anthracene	1.199	1.179		-1.7	
Benzo (g,h,i) perylene	1.178	1.147		-2.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.600		3.8	
1,4-Dioxane	0.472	0.478		1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.382		1.3	

All other compounds must meet a minimum RRF of 0.010.