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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2664</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/30/2025 15:22</u>
Lab File ID:	<u>BF143269.D</u>	Init. Calib. Date(s):	<u>07/17/2025 07/17/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:04 14:34</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.107		-12.4	
Benzaldehyde	1.193	1.062		-11.0	
Phenol-d6	1.591	1.376		-13.5	
bis(2-Chloroethyl)ether	1.327	1.137		-14.3	
2,2-oxybis(1-Chloropropane)	2.461	2.088		-15.2	
Acetophenone	0.474	0.411		-13.3	
n-Nitroso-di-n-propylamine	1.021	0.867	0.050	-15.1	
Nitrobenzene-d5	0.401	0.370		-7.7	
Hexachloroethane	0.502	0.469		-6.6	
Nitrobenzene	0.374	0.341		-8.8	
Isophorone	0.708	0.609		-14.0	
bis(2-Chloroethoxy)methane	0.425	0.367		-13.6	
Naphthalene	0.985	0.879		-10.8	
4-Chloroaniline	0.402	0.354		-11.9	
Hexachlorobutadiene	0.184	0.171		-7.1	20.0
Caprolactam	0.084	0.078		-7.1	
2-Methylnaphthalene	0.599	0.538		-10.2	
Hexachlorocyclopentadiene	0.376	0.330	0.050	-12.2	
2-Fluorobiphenyl	1.462	1.329		-9.1	
1,1-Biphenyl	1.560	1.419		-9.0	
2-Chloronaphthalene	1.155	1.047		-9.4	
2-Nitroaniline	0.362	0.352		-2.8	
Dimethylphthalate	1.304	1.196		-8.3	
Acenaphthylene	1.935	1.761		-9.0	
2,6-Dinitrotoluene	0.265	0.261		-1.5	
3-Nitroaniline	0.310	0.293		-5.5	
Acenaphthene	1.144	1.058		-7.5	20.0
Dibenzofuran	1.698	1.533		-9.7	
2,4-Dinitrotoluene	0.333	0.339		1.8	
Diethylphthalate	1.289	1.202		-6.7	
4-Chlorophenyl-phenylether	0.635	0.593		-6.6	
Fluorene	1.274	1.171		-8.1	
4-Nitroaniline	0.266	0.261		-1.9	
n-Nitrosodiphenylamine	0.704	0.615		-12.6	20.0
2,4,6-Tribromophenol	0.207	0.196		-5.3	
4-Bromophenyl-phenylether	0.238	0.213		-10.5	
Hexachlorobenzene	0.249	0.222		-10.8	
Atrazine	0.194	0.185		-4.6	
Phenanthrene	1.062	0.936		-11.9	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.083	0.967		-10.7	
Carbazole	0.946	0.841		-11.1	
Di-n-butylphthalate	1.070	1.014		-5.2	
Fluoranthene	0.975	0.909		-6.8	20.0
Pyrene	1.707	1.487		-12.9	
Terphenyl-d14	1.344	1.192		-11.3	
Butylbenzylphthalate	0.523	0.578		10.5	
3,3-Dichlorobenzidine	0.446	0.433		-2.9	
Benzo(a)anthracene	1.339	1.235		-7.8	
Chrysene	1.204	1.044		-13.3	
Bis(2-ethylhexyl)phthalate	0.791	0.776		-1.9	
Di-n-octyl phthalate	1.434	1.319		-8.0	20.0
Benzo(b)fluoranthene	1.222	1.066		-12.8	
Benzo(k)fluoranthene	1.090	0.974		-10.6	
Benzo(a)pyrene	1.126	1.015		-9.9	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.283		-9.0	
Dibenzo(a,h)anthracene	1.148	1.036		-9.8	
Benzo(g,h,i)perylene	1.110	1.032		-7.0	
1,2,4,5-Tetrachlorobenzene	0.577	0.540		-6.4	
1,4-Dioxane	0.598	0.494		-17.4	20.0

All other compounds must meet a minimum RRF of 0.010.