

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3254</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>10/03/2025 08:53</u>
Lab File ID:	<u>VV039242.D</u>	Init. Calib. Date(s):	<u>09/22/2025 09/22/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:26 16:35</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.910	0.797		-12.42	20
Chloroethane	0.631	0.533		-15.53	20
Trichlorofluoromethane	1.317	1.296		-1.6	20
1,1-Dichloroethene	0.754	0.737		-2.26	20
Acrylonitrile	0.490	0.450		-8.16	20
Acetone	0.523	0.465		-11.09	20
Carbon Disulfide	2.306	1.914		-17	20
Methylene Chloride	1.066	0.842		-21.01	20
Vinyl Acetate	2.254	2.045		-9.27	20
2-Butanone	0.579	0.545		-5.87	20
Carbon Tetrachloride	0.743	0.816		9.82	20
cis-1,2-Dichloroethene	0.885	0.850		-3.95	20
Bromochloromethane	0.696	0.695		-0.14	20
Chloroform	1.645	1.541		-6.32	20
1,1,1-Trichloroethane	1.424	1.326		-6.88	20
Benzene	1.979	2.157		8.99	20
1,2-Dichloropropane	0.492	0.557		13.21	20
Dibromomethane	0.376	0.419		11.44	20
Bromodichloromethane	0.778	0.870		11.82	20
4-Methyl-2-Pentanone	0.661	0.770		16.49	20
Toluene	1.147	1.390		21.19	20
t-1,3-Dichloropropene	0.678	0.811		19.62	20
cis-1,3-Dichloropropene	0.749	0.891		18.96	20
2-Hexanone	0.463	0.579		25.05	20
Dibromochloromethane	0.586	0.698		19.11	20
1,2-Dibromoethane	0.526	0.621		18.06	20
Tetrachloroethene	0.419	0.472		12.65	20
Chlorobenzene	1.393	1.547	0.3	10.98	20
1,1,1,2-Tetrachloroethane	0.503	0.582		15.71	20
Ethyl Benzene	2.108	2.531		20.07	20
m/p-Xylenes	0.814	1.051		29.11	20
o-Xylene	0.720	0.926		28.61	20
Styrene	1.263	1.770		40.14	20
Bromoform	0.393	0.490	0.1	24.68	20
1,1,2,2-Tetrachloroethane	1.589	1.472	0.3	-7.36	20
1,2,3-Trichloropropane	1.138	1.053		-7.47	20
1,4-Dichlorobenzene	2.089	2.097		0.38	20
1,2-Dichlorobenzene	1.779	1.851		4.05	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.330	0.287		-13.03	20
1,2-Dichloroethane-d4	0.724	0.604		-16.58	20
Dibromofluoromethane	0.402	0.442		9.95	20
Toluene-d8	1.181	1.194		1.1	20
4-Bromofluorobenzene	0.486	0.586		20.58	20
Methyl Iodide	0.746	0.854		14.48	20
trans-1,4-Dichloro-2-butene	0.474	0.497		4.85	20

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