

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2727</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>07/31/2025 08:37</u>
Lab File ID:	<u>VL042788.D</u>	Init. Calib. Date(s):	<u>07/23/2025 07/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>08:58 13:00</u>
GC Column:	<u>RTX-1</u>	ID:	<u>0.32</u> (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorodifluoromethane	0.592	0.627		5.91	30
Dichlorodifluoromethane	1.322	1.259		-4.77	30
Ethanol	0.083	0.052		-37.35	30
Chloromethane	0.535	0.500		-6.54	30
Vinyl Chloride	0.528	0.464		-12.12	30
Ethyl Acetate	3.056	3.271		7.03	30
Bromomethane	0.204	0.201		-1.47	30
Chloroethane	0.204	0.187		-8.33	30
Tetrahydrofuran	0.360	0.413		14.72	30
Trichlorofluoromethane	1.363	1.244		-8.73	30
1,1,2-Trichlorotrifluoroethane	1.036	0.994		-4.05	30
Dichlorotetrafluoroethane	1.087	1.041		-4.23	30
Bromoethene	0.367	0.353		-3.82	30
Propene	0.626	0.681		8.79	30
tert-Butyl alcohol	1.245	1.150		-7.63	30
Heptane	1.688	1.848		9.48	30
Isopropyl Alcohol	0.734	0.677		-7.77	30
1,1-Dichloroethene	0.468	0.430		-8.12	30
Acetone	1.381	1.094		-20.78	30
Carbon Disulfide	1.148	1.189		3.57	30
Methyl tert-Butyl Ether	0.633	0.632		-0.16	30
Methylene Chloride	0.435	0.373		-14.25	30
trans-1,2-Dichloroethene	0.503	0.484		-3.78	30
Vinyl Acetate	1.674	2.050		22.46	30
1,1-Dichloroethane	1.033	0.981		-5.03	30
Cyclohexane	1.137	1.182		3.96	30
2-Butanone	0.708	0.760		7.34	30
Carbon Tetrachloride	0.743	0.793		6.73	30
cis-1,2-Dichloroethene	1.378	1.412		2.47	30
Chloroform	2.072	2.165		4.49	30
1,1,1-Trichloroethane	2.158	2.126		-1.48	30
2,2,4-Trimethylpentane	1.545	1.721		11.39	30
Benzene	0.948	1.000		5.49	30
1,2-Dichloroethane	0.571	0.605		5.95	30
Trichloroethene	0.455	0.455		0	30
1,2-Dichloropropane	0.350	0.367		4.86	30
Bromodichloromethane	0.744	0.827		11.16	30
4-Methyl-2-Pentanone	0.912	1.013		11.07	30

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	RRF010	MIN RRF	%D	MAX%D
Toluene	1.018	1.124		10.41	30
t-1,3-Dichloropropene	0.378	0.430		13.76	30
cis-1,3-Dichloropropene	0.479	0.555		15.87	30
1,1,2-Trichloroethane	0.373	0.396		6.17	30
2-Hexanone	0.690	0.812		17.68	30
Dibromochloromethane	0.592	0.672		13.51	30
1,2-Dibromoethane	0.527	0.584		10.82	30
Tetrachloroethene	0.393	0.366		-6.87	30
Chlorobenzene	0.968	1.012		4.55	30
Ethyl Benzene	1.579	1.780		12.73	30
m/p-Xylene	1.262	1.455		15.29	30
o-Xylene	1.261	1.439		14.12	30
Styrene	0.531	0.623		17.33	30
Bromoform	0.516	0.596		15.5	30
Isopropylbenzene	1.860	2.071		11.34	30
1,1,2,2-Tetrachloroethane	0.810	0.843		4.07	30
2-Chlorotoluene	1.426	1.598		12.06	30
1,3,5-Trimethylbenzene	1.240	1.462		17.9	30
1,2,4-Trimethylbenzene	1.353	1.627		20.25	30
1,3-Dichlorobenzene	0.948	1.048		10.55	30
1,4-Dichlorobenzene	0.928	1.040		12.07	30
1,2-Dichlorobenzene	0.932	1.008		8.15	30
1,2,4-Trichlorobenzene	0.635	0.910		43.31	30
Hexachloro-1,3-Butadiene	0.844	0.816		-3.32	30
1,3-Butadiene	0.589	0.555		-5.77	30
Naphthalene	0.958	1.624		69.52	30
4-Ethyltoluene	1.506	1.769		17.46	30
1-Bromo-4-Fluorobenzene	0.792	0.815		2.9	30
Hexane	1.341	1.394		3.95	30
Allyl Chloride	0.851	0.845		-0.7	30
Benzyl Chloride	0.136	0.188		38.24	30
1,4-Dioxane	163.065	163.857		0.49	30
Methyl Methacrylate	0.337	0.385		14.24	30

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