

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>MATR02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2750</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>08/04/2025 09:31</u>
Lab File ID:	<u>VL042796.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
Dichlorodifluoromethane	1.322	1.326		0.3	30
Chloromethane	0.535	0.535		0	30
Vinyl Chloride	0.528	0.489		-7.39	30
Bromomethane	0.204	0.210		2.94	30
Chloroethane	0.204	0.203		-0.49	30
Tetrahydrofuran	0.360	0.421		16.94	30
Trichlorofluoromethane	1.363	1.392		2.13	30
1,1,2-Trichlorotrifluoroethane	1.036	1.043		0.68	30
Dichlorotetrafluoroethane	1.087	1.084		-0.28	30
tert-Butyl alcohol	1.245	1.248		0.24	30
Heptane	1.688	1.847		9.42	30
1,1-Dichloroethene	0.468	0.469		0.21	30
Acetone	1.381	1.131		-18.1	30
Carbon Disulfide	1.148	1.273		10.89	30
Methyl tert-Butyl Ether	0.633	0.596		-5.84	30
Methylene Chloride	0.435	0.394		-9.43	30
trans-1,2-Dichloroethene	0.503	0.515		2.39	30
1,1-Dichloroethane	1.033	1.068		3.39	30
Cyclohexane	1.137	1.159		1.93	30
2-Butanone	0.708	0.802		13.28	30
Carbon Tetrachloride	0.743	0.823		10.77	30
cis-1,2-Dichloroethene	1.378	1.400		1.6	30
Chloroform	2.072	2.180		5.21	30
1,1,1-Trichloroethane	2.158	2.147		-0.51	30
2,2,4-Trimethylpentane	1.545	1.770		14.56	30
Benzene	0.948	1.029		8.54	30
1,2-Dichloroethane	0.571	0.629		10.16	30
Trichloroethene	0.455	0.465		2.2	30
1,2-Dichloropropane	0.350	0.379		8.29	30
Bromodichloromethane	0.744	0.864		16.13	30
4-Methyl-2-Pentanone	0.912	1.064		16.67	30
Toluene	1.018	1.148		12.77	30
t-1,3-Dichloropropene	0.378	0.435		15.08	30
cis-1,3-Dichloropropene	0.479	0.565		17.95	30
1,1,2-Trichloroethane	0.373	0.413		10.72	30
Dibromochloromethane	0.592	0.708		19.59	30
1,2-Dibromoethane	0.527	0.588		11.57	30
Tetrachloroethene	0.393	0.380		-3.31	30

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>MATR02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2750</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>08/04/2025 09:31</u>
Lab File ID:	<u>VL042796.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
Chlorobenzene	0.968	1.046		8.06	30
Ethyl Benzene	1.579	1.821		15.33	30
m/p-Xylene	1.262	1.492		18.23	30
o-Xylene	1.261	1.505		19.35	30
Styrene	0.531	0.621		16.95	30
Bromoform	0.516	0.616		19.38	30
1,1,2,2-Tetrachloroethane	0.810	0.862		6.42	30
2-Chlorotoluene	1.426	1.640		15.01	30
1,3,5-Trimethylbenzene	1.240	1.506		21.45	30
1,2,4-Trimethylbenzene	1.353	1.672		23.58	30
1,3-Dichlorobenzene	0.948	1.085		14.45	30
1,4-Dichlorobenzene	0.928	1.084		16.81	30
1,2-Dichlorobenzene	0.932	1.035		11.05	30
1,2,4-Trichlorobenzene	0.635	0.904		42.36	30
Hexachloro-1,3-Butadiene	0.844	0.836		-0.95	30
1,3-Butadiene	0.589	0.574		-2.55	30
Naphthalene	0.958	1.604		67.43	30
4-Ethyltoluene	1.506	1.803		19.72	30
1-Bromo-4-Fluorobenzene	0.792	0.816		3.03	30
Hexane	1.341	1.417		5.67	30
Allyl Chloride	0.851	0.906		6.46	30
1,4-Dioxane	163.065	165.372		1.41	30
Methyl Methacrylate	0.337	0.391		16.02	30

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