

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>RTPE01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2671</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>07/24/2025 08:23</u>
Lab File ID:	<u>VL042757.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	1.268		-4.09	30
Chloromethane	0.535	0.502		-6.17	30
Vinyl Chloride	0.528	0.440		-16.67	30
Bromomethane	0.204	0.194		-4.9	30
Chloroethane	0.204	0.186		-8.82	30
Tetrahydrofuran	0.360	0.371		3.06	30
Trichlorofluoromethane	1.363	1.310		-3.89	30
1,1,2-Trichlorotrifluoroethane	1.036	1.001		-3.38	30
Dichlorotetrafluoroethane	1.087	1.015		-6.62	30
tert-Butyl alcohol	1.245	1.191		-4.34	30
Heptane	1.688	1.685		-0.18	30
1,1-Dichloroethene	0.468	0.429		-8.33	30
Acetone	1.381	1.057		-23.46	30
Carbon Disulfide	1.148	1.157		0.78	30
Methyl tert-Butyl Ether	0.633	0.572		-9.64	30
Methylene Chloride	0.435	0.376		-13.56	30
trans-1,2-Dichloroethene	0.503	0.485		-3.58	30
1,1-Dichloroethane	1.033	0.980		-5.13	30
Cyclohexane	1.137	1.107		-2.64	30
2-Butanone	0.708	0.681		-3.81	30
Carbon Tetrachloride	0.743	0.736		-0.94	30
cis-1,2-Dichloroethene	1.378	1.346		-2.32	30
Chloroform	2.072	2.003		-3.33	30
1,1,1-Trichloroethane	2.158	2.011		-6.81	30
2,2,4-Trimethylpentane	1.545	1.543		-0.13	30
Benzene	0.948	0.920		-2.95	30
1,2-Dichloroethane	0.571	0.566		-0.88	30
Trichloroethene	0.455	0.407		-10.55	30
1,2-Dichloropropane	0.350	0.337		-3.71	30
Bromodichloromethane	0.744	0.758		1.88	30
4-Methyl-2-Pentanone	0.912	0.908		-0.44	30
Toluene	1.018	1.036		1.77	30
t-1,3-Dichloropropene	0.378	0.403		6.61	30
cis-1,3-Dichloropropene	0.479	0.505		5.43	30
1,1,2-Trichloroethane	0.373	0.361		-3.22	30
Dibromochloromethane	0.592	0.617		4.22	30
1,2-Dibromoethane	0.527	0.532		0.95	30
Tetrachloroethene	0.393	0.344		-12.47	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
Chlorobenzene	0.968	0.912		-5.78	30
Ethyl Benzene	1.579	1.626		2.98	30
m/p-Xylene	1.262	1.313		4.04	30
o-Xylene	1.261	1.306		3.57	30
Styrene	0.531	0.579		9.04	30
Bromoform	0.516	0.536		3.88	30
1,1,2,2-Tetrachloroethane	0.810	0.743		-8.27	30
2-Chlorotoluene	1.426	1.456		2.1	30
1,3,5-Trimethylbenzene	1.240	1.346		8.55	30
1,2,4-Trimethylbenzene	1.353	1.466		8.35	30
1,3-Dichlorobenzene	0.948	0.944		-0.42	30
1,4-Dichlorobenzene	0.928	0.957		3.13	30
1,2-Dichlorobenzene	0.932	0.910		-2.36	30
1,2,4-Trichlorobenzene	0.635	0.839		32.13	30
Hexachloro-1,3-Butadiene	0.844	0.748		-11.37	30
1,3-Butadiene	0.589	0.538		-8.66	30
Naphthalene	0.958	1.496		56.16	30
4-Ethyltoluene	1.506	1.619		7.5	30
1-Bromo-4-Fluorobenzene	0.792	0.812		2.53	30
Hexane	1.341	1.296		-3.36	30
Allyl Chloride	0.851	0.832		-2.23	30
1,4-Dioxane	163.065	154.088		-5.51	30
Methyl Methacrylate	0.337	0.356		5.64	30

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