

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>RTPE01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3655</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>11/20/2025 10:14</u>
Lab File ID:	<u>VL043257.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:29 13:24</u>
GC Column:	<u>RTX-1</u>	ID:	<u>0.32</u> (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.410	1.569		11.21	30
Chloromethane	0.527	0.529		0.38	30
Vinyl Chloride	0.577	0.538		-6.76	30
Bromomethane	0.280	0.269		-3.93	30
Chloroethane	0.225	0.218		-3.11	30
Tetrahydrofuran	0.390	0.344		-11.8	30
Trichlorofluoromethane	1.367	1.651		20.77	30
1,1,2-Trichlorotrifluoroethane	1.067	1.233		15.56	30
Dichlorotetrafluoroethane	1.173	1.263		7.67	30
tert-Butyl alcohol	1.824	1.709		-6.3	30
Heptane	1.753	1.521		-13.23	30
1,1-Dichloroethene	0.497	0.539		8.45	30
Acetone	1.389	1.188		-14.47	30
Carbon Disulfide	1.341	1.465		9.25	30
Methyl tert-Butyl Ether	0.645	0.668		3.57	30
Methylene Chloride	0.600	0.472		-21.33	30
trans-1,2-Dichloroethene	0.568	0.608		7.04	30
1,1-Dichloroethane	1.096	1.165		6.3	30
Cyclohexane	1.101	1.067		-3.09	30
2-Butanone	0.706	0.657		-6.94	30
Carbon Tetrachloride	0.759	0.862		13.57	30
cis-1,2-Dichloroethene	1.306	1.342		2.76	30
Chloroform	1.867	2.134		14.3	30
1,1,1-Trichloroethane	1.990	2.205		10.8	30
2,2,4-Trimethylpentane	1.645	1.586		-3.59	30
Benzene	0.958	0.965		0.73	30
1,2-Dichloroethane	0.560	0.629		12.32	30
Trichloroethene	0.375	0.391		4.27	30
1,2-Dichloropropane	0.351	0.335		-4.56	30
Bromodichloromethane	0.773	0.862		11.51	30
4-Methyl-2-Pentanone	0.994	0.864		-13.08	30
Toluene	1.134	1.089		-3.97	30
t-1,3-Dichloropropene	0.474	0.364		-23.21	30
cis-1,3-Dichloropropene	0.556	0.445		-19.96	30
1,1,2-Trichloroethane	0.372	0.379		1.88	30
Dibromochloromethane	0.640	0.703		9.84	30
1,2-Dibromoethane	0.547	0.530		-3.11	30
Tetrachloroethene	0.356	0.360		1.12	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	1.027	1.061		3.31	30
Ethyl Benzene	1.925	1.932		0.36	30
m/p-Xylene	1.543	1.592		3.18	30
o-Xylene	1.542	1.585		2.79	30
Styrene	0.675	0.631		-6.52	30
Bromoform	0.566	0.623		10.07	30
1,1,2,2-Tetrachloroethane	0.981	0.963		-1.84	30
2-Chlorotoluene	2.120	2.093		-1.27	30
1,3,5-Trimethylbenzene	1.575	1.594		1.21	30
1,2,4-Trimethylbenzene	1.719	1.736		0.99	30
1,3-Dichlorobenzene	1.003	1.023		1.99	30
1,4-Dichlorobenzene	1.003	1.015		1.2	30
1,2-Dichlorobenzene	0.965	0.968		0.31	30
1,2,4-Trichlorobenzene	0.683	0.721		5.56	30
Hexachloro-1,3-Butadiene	0.805	0.773		-3.97	30
1,3-Butadiene	0.619	0.607		-1.94	30
Naphthalene	1.527	1.456		-4.65	30
4-Ethyltoluene	1.877	1.905		1.49	30
1-Bromo-4-Fluorobenzene	0.733	0.748		2.05	30
Hexane	1.314	1.265		-3.73	30
Allyl Chloride	0.935	0.815		-12.83	30
1,4-Dioxane	157.566	132.640		-15.82	30
Methyl Methacrylate	0.508	0.455		-10.43	30

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