

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>RTPE01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3626</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>11/19/2025 09:31</u>
Lab File ID:	<u>VL043232.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	1.558		10.5	30
Chloromethane	0.527	0.512		-2.85	30
Vinyl Chloride	0.577	0.534		-7.45	30
Bromomethane	0.280	0.288		2.86	30
Chloroethane	0.225	0.211		-6.22	30
Tetrahydrofuran	0.390	0.321		-17.69	30
Trichlorofluoromethane	1.367	1.629		19.17	30
1,1,2-Trichlorotrifluoroethane	1.067	1.206		13.03	30
Dichlorotetrafluoroethane	1.173	1.277		8.87	30
tert-Butyl alcohol	1.824	1.850		1.42	30
Heptane	1.753	1.467		-16.32	30
1,1-Dichloroethene	0.497	0.512		3.02	30
Acetone	1.389	1.171		-15.69	30
Carbon Disulfide	1.341	1.433		6.86	30
Methyl tert-Butyl Ether	0.645	0.662		2.64	30
Methylene Chloride	0.600	0.464		-22.67	30
trans-1,2-Dichloroethene	0.568	0.582		2.46	30
1,1-Dichloroethane	1.096	1.147		4.65	30
Cyclohexane	1.101	1.069		-2.91	30
2-Butanone	0.706	0.611		-13.46	30
Carbon Tetrachloride	0.759	0.827		8.96	30
cis-1,2-Dichloroethene	1.306	1.294		-0.92	30
Chloroform	1.867	2.085		11.68	30
1,1,1-Trichloroethane	1.990	2.212		11.16	30
2,2,4-Trimethylpentane	1.645	1.436		-12.7	30
Benzene	0.958	0.900		-6.05	30
1,2-Dichloroethane	0.560	0.598		6.79	30
Trichloroethene	0.375	0.371		-1.07	30
1,2-Dichloropropane	0.351	0.312		-11.11	30
Bromodichloromethane	0.773	0.815		5.43	30
4-Methyl-2-Pentanone	0.994	0.824		-17.1	30
Toluene	1.134	1.035		-8.73	30
t-1,3-Dichloropropene	0.474	0.432		-8.86	30
cis-1,3-Dichloropropene	0.556	0.498		-10.43	30
1,1,2-Trichloroethane	0.372	0.362		-2.69	30
Dibromochloromethane	0.640	0.689		7.66	30
1,2-Dibromoethane	0.547	0.559		2.19	30
Tetrachloroethene	0.356	0.358		0.56	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	1.026		-0.1	30
Ethyl Benzene	1.925	1.872		-2.75	30
m/p-Xylene	1.543	1.536		-0.45	30
o-Xylene	1.542	1.546		0.26	30
Styrene	0.675	0.637		-5.63	30
Bromoform	0.566	0.629		11.13	30
1,1,2,2-Tetrachloroethane	0.981	0.951		-3.06	30
2-Chlorotoluene	2.120	2.125		0.24	30
1,3,5-Trimethylbenzene	1.575	1.616		2.6	30
1,2,4-Trimethylbenzene	1.719	1.767		2.79	30
1,3-Dichlorobenzene	1.003	1.060		5.68	30
1,4-Dichlorobenzene	1.003	1.072		6.88	30
1,2-Dichlorobenzene	0.965	1.012		4.87	30
1,2,4-Trichlorobenzene	0.683	0.788		15.37	30
Hexachloro-1,3-Butadiene	0.805	0.848		5.34	30
1,3-Butadiene	0.619	0.581		-6.14	30
Naphthalene	1.527	1.619		6.03	30
4-Ethyltoluene	1.877	1.904		1.44	30
1-Bromo-4-Fluorobenzene	0.733	0.744		1.5	30
Hexane	1.314	1.181		-10.12	30
Allyl Chloride	0.935	0.882		-5.67	30
1,4-Dioxane	157.566	141.545		-10.17	30
Methyl Methacrylate	0.508	0.433		-14.76	30

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