

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GFEL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2943</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>08/26/2025 08:29</u>
Lab File ID:	<u>VL042880.D</u>	Init. Calib. Date(s):	<u>08/13/2025 08/13/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>08:30 12:06</u>
GC Column:	<u>RTX-1</u>	ID:	<u>0.32</u> (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.466	1.493		1.84	30
Chloromethane	0.591	0.570		-3.55	30
Vinyl Chloride	0.582	0.529		-9.11	30
Bromomethane	0.233	0.219		-6.01	30
Chloroethane	0.227	0.202		-11.01	30
Tetrahydrofuran	0.376	0.402		6.91	30
Trichlorofluoromethane	1.446	1.421		-1.73	30
1,1,2-Trichlorotrifluoroethane	1.152	1.133		-1.65	30
Dichlorotetrafluoroethane	1.199	1.190		-0.75	30
tert-Butyl alcohol	1.569	1.349		-14.02	30
Heptane	1.874	1.722		-8.11	30
1,1-Dichloroethene	0.507	0.498		-1.77	30
Acetone	1.323	1.094		-17.31	30
Carbon Disulfide	1.438	1.440		0.14	30
Methyl tert-Butyl Ether	0.754	0.715		-5.17	30
Methylene Chloride	0.554	0.446		-19.5	30
trans-1,2-Dichloroethene	0.586	0.567		-3.24	30
1,1-Dichloroethane	1.171	1.137		-2.9	30
Cyclohexane	1.296	1.187		-8.41	30
2-Butanone	0.675	0.731		8.3	30
Carbon Tetrachloride	0.689	0.798		15.82	30
cis-1,2-Dichloroethene	1.476	1.399		-5.22	30
Chloroform	2.110	2.199		4.22	30
1,1,1-Trichloroethane	2.230	2.184		-2.06	30
2,2,4-Trimethylpentane	1.625	1.721		5.91	30
Benzene	0.958	1.018		6.26	30
1,2-Dichloroethane	0.500	0.627		25.4	30
Trichloroethene	0.437	0.437		0	30
1,2-Dichloropropane	0.350	0.382		9.14	30
Bromodichloromethane	0.745	0.893		19.87	30
4-Methyl-2-Pentanone	0.913	1.000		9.53	30
Toluene	1.138	1.157		1.67	30
t-1,3-Dichloropropene	0.445	0.449		0.9	30
cis-1,3-Dichloropropene	0.555	0.583		5.05	30
1,1,2-Trichloroethane	0.371	0.408		9.97	30
Dibromochloromethane	0.600	0.673		12.17	30
1,2-Dibromoethane	0.542	0.586		8.12	30
Tetrachloroethene	0.346	0.321		-7.22	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	0.951	1.009		6.1	30
Ethyl Benzene	1.765	1.877		6.35	30
m/p-Xylene	1.383	1.528		10.48	30
o-Xylene	1.391	1.535		10.35	30
Styrene	0.652	0.661		1.38	30
Bromoform	0.495	0.540		9.09	30
1,1,2,2-Tetrachloroethane	0.765	0.845		10.46	30
2-Chlorotoluene	1.579	1.690		7.03	30
1,3,5-Trimethylbenzene	1.434	1.525		6.35	30
1,2,4-Trimethylbenzene	1.574	1.689		7.31	30
1,3-Dichlorobenzene	0.895	0.958		7.04	30
1,4-Dichlorobenzene	0.905	0.957		5.75	30
1,2-Dichlorobenzene	0.876	0.926		5.71	30
1,2,4-Trichlorobenzene	0.717	0.712		-0.7	30
Hexachloro-1,3-Butadiene	0.718	0.596		-16.99	30
1,3-Butadiene	0.600	0.526		-12.33	30
Naphthalene	1.427	1.491		4.49	30
4-Ethyltoluene	1.687	1.837		8.89	30
1-Bromo-4-Fluorobenzene	0.750	0.798		6.4	30
Hexane	1.478	1.399		-5.34	30
Allyl Chloride	0.935	0.873		-6.63	30
1,4-Dioxane	166.304	156.335		-5.99	30
Methyl Methacrylate	0.394	0.394		0	30

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