

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3552</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>11/05/2025 11:34</u>
Lab File ID:	<u>VV039328.D</u>	Init. Calib. Date(s):	<u>10/07/2025 10/07/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 11:32</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.632	0.499		-21.04	20
Chloromethane	0.658	0.571	0.1	-13.22	20
Vinyl Chloride	0.751	0.632		-15.85	20
Bromomethane	0.487	0.389		-20.12	20
Chloroethane	0.507	0.431		-14.99	20
Trichlorofluoromethane	1.147	0.987		-13.95	20
1,1,2-Trichlorotrifluoroethane	0.687	0.607		-11.65	20
1,1-Dichloroethene	0.674	0.591		-12.31	20
Acetone	0.404	0.371		-8.17	20
Carbon Disulfide	1.904	1.668		-12.4	20
Methyl tert-butyl Ether	2.029	2.166		6.75	20
Methyl Acetate	0.921	0.856		-7.06	20
Methylene Chloride	0.788	0.725		-7.99	20
trans-1,2-Dichloroethene	0.710	0.643		-9.44	20
1,1-Dichloroethane	1.286	1.191	0.1	-7.39	20
Cyclohexane	0.936	0.867		-7.37	20
2-Butanone	0.434	0.478		10.14	20
Carbon Tetrachloride	0.603	0.586		-2.82	20
cis-1,2-Dichloroethene	0.711	0.735		3.38	20
Bromochloromethane	0.548	0.556		1.46	20
Chloroform	1.311	1.284		-2.06	20
1,1,1-Trichloroethane	1.146	1.057		-7.77	20
Methylcyclohexane	0.566	0.548		-3.18	20
Benzene	1.588	1.656		4.28	20
1,2-Dichloroethane	0.557	0.576		3.41	20
Trichloroethene	0.399	0.395		-1	20
1,2-Dichloropropane	0.386	0.429		11.14	20
Bromodichloromethane	0.636	0.664		4.4	20
4-Methyl-2-Pentanone	0.526	0.615		16.92	20
Toluene	0.959	1.057		10.22	20
t-1,3-Dichloropropene	0.556	0.642		15.47	20
cis-1,3-Dichloropropene	0.618	0.706		14.24	20
1,1,2-Trichloroethane	0.433	0.468		8.08	20
2-Hexanone	0.386	0.461		19.43	20
Dibromochloromethane	0.506	0.548		8.3	20
1,2-Dibromoethane	0.451	0.499		10.64	20
Tetrachloroethene	0.365	0.353		-3.29	20
Chlorobenzene	1.184	1.197	0.3	1.1	20

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	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.744	1.936		11.01	20
m/p-Xylenes	0.692	0.800		15.61	20
o-Xylene	0.611	0.720		17.84	20
Styrene	1.087	1.354		24.56	20
Bromoform	0.359	0.392	0.1	9.19	20
Isopropylbenzene	3.036	3.311		9.06	20
1,1,2,2-Tetrachloroethane	1.394	1.325	0.3	-4.95	20
1,3-Dichlorobenzene	1.665	1.723		3.48	20
1,4-Dichlorobenzene	1.863	1.791		-3.87	20
1,2-Dichlorobenzene	1.584	1.626		2.65	20
1,2-Dibromo-3-Chloropropane	0.287	0.260		-9.41	20
1,2,4-Trichlorobenzene	0.883	0.932		5.55	20
1,2,3-Trichlorobenzene	0.918	0.974		6.1	20
1,2-Dichloroethane-d4	0.710	0.759		6.9	20
Dibromofluoromethane	0.394	0.425		7.87	20
Toluene-d8	1.340	1.461		9.03	20
4-Bromofluorobenzene	0.477	0.551		15.51	20

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