

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3274</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>10/03/2025</u> <u>10:17</u>
Lab File ID:	<u>VN088013.D</u>	Init. Calib. Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:33</u> <u>11:47</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.579	0.562		-2.94	20
Chloromethane	0.593	0.587	0.1	-1.01	20
Vinyl Chloride	0.605	0.613		1.32	20
Bromomethane	0.375	0.384		2.4	20
Chloroethane	0.393	0.446		13.49	20
Trichlorofluoromethane	0.985	1.069		8.53	20
1,1,2-Trichlorotrifluoroethane	0.521	0.557		6.91	20
1,1-Dichloroethene	0.525	0.558		6.29	20
Acetone	0.346	0.336		-2.89	20
Carbon Disulfide	1.641	1.536		-6.4	20
Methyl tert-butyl Ether	2.052	2.332		13.65	20
Methyl Acetate	0.866	1.141		31.75	20
Methylene Chloride	0.701	0.774		10.41	20
trans-1,2-Dichloroethene	0.644	0.688		6.83	20
1,1-Dichloroethane	1.166	1.316	0.1	12.86	20
Cyclohexane	0.944	0.941		-0.32	20
2-Butanone	0.529	0.565		6.8	20
Carbon Tetrachloride	0.501	0.526		4.99	20
cis-1,2-Dichloroethene	0.766	0.852		11.23	20
Bromochloromethane	0.634	0.609		-3.94	20
Chloroform	1.275	1.461		14.59	20
1,1,1-Trichloroethane	1.077	1.190		10.49	20
Methylcyclohexane	0.482	0.457		-5.19	20
Benzene	1.445	1.547		7.06	20
1,2-Dichloroethane	0.539	0.561		4.08	20
Trichloroethene	0.345	0.349		1.16	20
1,2-Dichloropropane	0.362	0.394		8.84	20
Bromodichloromethane	0.561	0.619		10.34	20
4-Methyl-2-Pentanone	0.563	0.636		12.97	20
Toluene	0.907	0.956		5.4	20
t-1,3-Dichloropropene	0.574	0.569		-0.87	20
cis-1,3-Dichloropropene	0.596	0.572		-4.03	20
1,1,2-Trichloroethane	0.369	0.405		9.76	20
2-Hexanone	0.372	0.431		15.86	20
Dibromochloromethane	0.434	0.476		9.68	20
1,2-Dibromoethane	0.390	0.425		8.97	20
Tetrachloroethene	0.305	0.318		4.26	20
Chlorobenzene	1.064	1.106	0.3	3.95	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	1.775	1.865		5.07	20
m/p-Xylenes	0.679	0.725		6.78	20
o-Xylene	0.652	0.699		7.21	20
Styrene	1.120	1.229		9.73	20
Bromoform	0.311	0.332	0.1	6.75	20
Isopropylbenzene	3.099	3.341		7.81	20
1,1,2,2-Tetrachloroethane	1.117	1.194	0.3	6.89	20
1,3-Dichlorobenzene	1.609	1.682		4.54	20
1,4-Dichlorobenzene	1.654	1.722		4.11	20
1,2-Dichlorobenzene	1.551	1.588		2.39	20
1,2-Dibromo-3-Chloropropane	0.259	0.258		-0.39	20
1,2,4-Trichlorobenzene	0.916	0.870		-5.02	20
1,2,3-Trichlorobenzene	0.890	0.883		-0.79	20
1,2-Dichloroethane-d4	0.841	0.895		6.42	20
Dibromofluoromethane	0.363	0.362		-0.28	20
Toluene-d8	1.277	1.265		-0.94	20
4-Bromofluorobenzene	0.456	0.443		-2.85	20

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