

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3179</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/25/2025 12:04</u>
Lab File ID:	<u>VN087948.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:33 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	0.552		-4.66	20
Chloromethane	0.593	0.580	0.1	-2.19	20
Vinyl Chloride	0.605	0.599		-0.99	20
Ethyl Acetate	0.573	0.582		1.57	20
Bromomethane	0.375	0.398		6.13	20
Chloroethane	0.393	0.393		0	20
Trichlorofluoromethane	0.985	0.954		-3.15	20
1,1,2-Trichlorotrifluoroethane	0.521	0.496		-4.8	20
1,1-Dichloroethene	0.525	0.512		-2.48	20
Acrolein	0.156	0.156		0	20
Acrylonitrile	0.380	0.399		5	20
Acetone	0.346	0.371		7.22	20
Carbon Disulfide	1.641	1.523		-7.19	20
Methyl tert-butyl Ether	2.052	2.129		3.75	20
Methyl Acetate	0.866	0.960		10.85	20
Methylene Chloride	0.701	0.688		-1.85	20
trans-1,2-Dichloroethene	0.644	0.618		-4.04	20
1,1-Dichloroethane	1.166	1.157	0.1	-0.77	20
Cyclohexane	0.944	0.906		-4.03	20
2-Butanone	0.529	0.558		5.48	20
Carbon Tetrachloride	0.501	0.480		-4.19	20
2,2-Dichloropropane	1.036	1.027		-0.87	20
cis-1,2-Dichloroethene	0.766	0.757		-1.17	20
Bromochloromethane	0.634	0.583		-8.04	20
Chloroform	1.275	1.260		-1.18	20
1,1,1-Trichloroethane	1.077	1.057		-1.86	20
Methylcyclohexane	0.482	0.461		-4.36	20
1,1-Dichloropropene	0.437	0.430		-1.6	20
Benzene	1.445	1.427		-1.25	20
1,2-Dichloroethane	0.539	0.525		-2.6	20
Trichloroethene	0.345	0.331		-4.06	20
1,2-Dichloropropane	0.362	0.354		-2.21	20
Dibromomethane	0.286	0.279		-2.45	20
Bromodichloromethane	0.561	0.562		0.18	20
4-Methyl-2-Pentanone	0.563	0.601		6.75	20
Toluene	0.907	0.893		-1.54	20
t-1,3-Dichloropropene	0.574	0.577		0.52	20
cis-1,3-Dichloropropene	0.596	0.590		-1.01	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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1,1,2-Trichloroethane	0.369	0.368		-0.27	20
1,3-Dichloropropane	0.607	0.610		0.49	20
2-Chloroethyl Vinyl ether	0.251	0.330		31.47	20
2-Hexanone	0.372	0.420		12.9	20
Dibromochloromethane	0.434	0.434		0	20
1,2-Dibromoethane	0.390	0.388		-0.51	20
Tetrachloroethene	0.305	0.292		-4.26	20
Chlorobenzene	1.064	1.052	0.3	-1.13	20
1,1,1,2-Tetrachloroethane	0.384	0.378		-1.56	20
Ethyl Benzene	1.775	1.776		0.06	20
m/p-Xylenes	0.679	0.699		2.95	20
o-Xylene	0.652	0.649		-0.46	20
Styrene	1.120	1.160		3.57	20
Bromoform	0.311	0.319	0.1	2.57	20
Isopropylbenzene	3.099	3.167		2.19	20
1,1,2,2-Tetrachloroethane	1.117	1.107	0.3	-0.89	20
1,2,3-Trichloropropane	0.986	0.895		-9.23	20
Bromobenzene	0.825	0.808		-2.06	20
2-Chlorotoluene	2.359	2.329		-1.27	20
1,3,5-Trimethylbenzene	2.680	2.765		3.17	20
4-Chlorotoluene	2.377	2.441		2.69	20
1,2,4-Trimethylbenzene	2.749	2.849		3.64	20
1,3-Dichlorobenzene	1.609	1.628		1.18	20
1,4-Dichlorobenzene	1.654	1.615		-2.36	20
1,2-Dichlorobenzene	1.551	1.562		0.71	20
1,2-Dibromo-3-Chloropropane	0.259	0.256		-1.16	20
1,2,4-Trichlorobenzene	0.916	0.912		-0.44	20
1,2,3-Trichlorobenzene	0.890	0.885		-0.56	20
1,2-Dichloroethane-d4	0.841	0.784		-6.78	20
Dibromofluoromethane	0.363	0.324		-10.74	20
Toluene-d8	1.277	1.142		-10.57	20
4-Bromofluorobenzene	0.456	0.406		-10.97	20
Methyl Iodide	0.468	0.536		14.53	20

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