

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ALWA01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3157</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/24/2025 08:27</u>
Lab File ID:	<u>VN087933.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	0.611		5.53	20
Chloromethane	0.593	0.640	0.1	7.93	20
Vinyl Chloride	0.605	0.629		3.97	20
Bromomethane	0.375	0.414		10.4	20
Chloroethane	0.393	0.421		7.13	20
Trichlorofluoromethane	0.985	1.050		6.6	20
1,1,2-Trichlorotrifluoroethane	0.521	0.558		7.1	20
1,1-Dichloroethene	0.525	0.571		8.76	20
Acetone	0.346	0.486		40.46	20
Carbon Disulfide	1.641	1.742		6.16	20
Methyl tert-butyl Ether	2.052	2.312		12.67	20
Methyl Acetate	0.866	1.021		17.9	20
Methylene Chloride	0.701	0.740		5.56	20
trans-1,2-Dichloroethene	0.644	0.687		6.68	20
1,1-Dichloroethane	1.166	1.286	0.1	10.29	20
Cyclohexane	0.944	0.995		5.4	20
2-Butanone	0.529	0.661		24.95	20
Carbon Tetrachloride	0.501	0.553		10.38	20
cis-1,2-Dichloroethene	0.766	0.843		10.05	20
Bromochloromethane	0.634	0.571		-9.94	20
Chloroform	1.275	1.405		10.2	20
1,1,1-Trichloroethane	1.077	1.199		11.33	20
Methylcyclohexane	0.482	0.548		13.69	20
Benzene	1.445	1.639		13.43	20
1,2-Dichloroethane	0.539	0.586		8.72	20
Trichloroethene	0.345	0.383		11.01	20
1,2-Dichloropropane	0.362	0.395		9.12	20
Bromodichloromethane	0.561	0.638		13.73	20
4-Methyl-2-Pentanone	0.563	0.667		18.47	20
Toluene	0.907	1.023		12.79	20
t-1,3-Dichloropropene	0.574	0.665		15.85	20
cis-1,3-Dichloropropene	0.596	0.691		15.94	20
1,1,2-Trichloroethane	0.369	0.409		10.84	20
2-Hexanone	0.372	0.484		30.11	20
Dibromochloromethane	0.434	0.493		13.59	20
1,2-Dibromoethane	0.390	0.433		11.03	20
Tetrachloroethene	0.305	0.331		8.52	20
Chlorobenzene	1.064	1.195	0.3	12.31	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	2.044		15.15	20
m/p-Xylenes	0.679	0.798		17.53	20
o-Xylene	0.652	0.755		15.8	20
Styrene	1.120	1.317		17.59	20
Bromoform	0.311	0.365	0.1	17.36	20
Isopropylbenzene	3.099	3.630		17.14	20
1,1,2,2-Tetrachloroethane	1.117	1.230	0.3	10.12	20
1,3-Dichlorobenzene	1.609	1.851		15.04	20
1,4-Dichlorobenzene	1.654	1.885		13.97	20
1,2-Dichlorobenzene	1.551	1.733		11.73	20
1,2-Dibromo-3-Chloropropane	0.259	0.278		7.34	20
1,2,4-Trichlorobenzene	0.916	1.048		14.41	20
1,2,3-Trichlorobenzene	0.890	1.040		16.85	20
1,2-Dichloroethane-d4	0.841	0.796		-5.35	20
Dibromofluoromethane	0.363	0.341		-6.06	20
Toluene-d8	1.277	1.189		-6.89	20
4-Bromofluorobenzene	0.456	0.431		-5.48	20

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