

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>SCIA01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3012</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>09/04/2025 08:56</u>
Lab File ID:	<u>VY023278.D</u>	Init. Calib. Date(s):	<u>08/12/2025 08/12/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>14:54 16:47</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.408	0.333		-18.38	20
Chloromethane	0.661	0.543	0.1	-17.85	20
Vinyl Chloride	0.817	0.709		-13.22	20
Bromomethane	0.610	0.560		-8.2	20
Chloroethane	0.543	0.505		-7	20
Trichlorofluoromethane	0.994	0.935		-5.94	20
1,1,2-Trichlorotrifluoroethane	0.490	0.504		2.86	20
1,1-Dichloroethene	0.482	0.475		-1.45	20
Acetone	0.103	0.124		20.39	20
Carbon Disulfide	1.571	1.397		-11.08	20
Methyl tert-butyl Ether	1.249	1.231		-1.44	20
Methyl Acetate	0.307	0.320		4.24	20
Methylene Chloride	0.620	0.559		-9.84	20
trans-1,2-Dichloroethene	0.541	0.553		2.22	20
1,1-Dichloroethane	0.942	0.938	0.1	-0.43	20
Cyclohexane	0.888	0.757		-14.75	20
2-Butanone	0.140	0.146		4.29	20
Carbon Tetrachloride	0.483	0.547		13.25	20
cis-1,2-Dichloroethene	0.626	0.643		2.72	20
Bromochloromethane	0.374	0.359		-4.01	20
Chloroform	0.971	1.013		4.32	20
1,1,1-Trichloroethane	0.862	0.884		2.55	20
Methylcyclohexane	0.586	0.596		1.71	20
Benzene	1.370	1.487		8.54	20
1,2-Dichloroethane	0.356	0.382		7.3	20
Trichloroethene	0.354	0.403		13.84	20
1,2-Dichloropropane	0.315	0.340		7.94	20
Bromodichloromethane	0.466	0.524		12.45	20
4-Methyl-2-Pentanone	0.195	0.210		7.69	20
Toluene	0.870	0.964		10.81	20
t-1,3-Dichloropropene	0.422	0.462		9.48	20
cis-1,3-Dichloropropene	0.499	0.542		8.62	20
1,1,2-Trichloroethane	0.242	0.281		16.12	20
2-Hexanone	0.133	0.150		12.78	20
Dibromochloromethane	0.320	0.384		20	20
1,2-Dibromoethane	0.228	0.267		17.1	20
Tetrachloroethene	0.446	0.523		17.26	20
Chlorobenzene	1.079	1.192	0.3	10.47	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	1.856	2.016		8.62	20
m/p-Xylenes	0.725	0.805		11.03	20
o-Xylene	0.679	0.755		11.19	20
Styrene	1.110	1.277		15.05	20
Bromoform	0.214	0.259	0.1	21.03	20
Isopropylbenzene	3.529	3.778		7.06	20
1,1,2,2-Tetrachloroethane	0.603	0.639	0.3	5.97	20
1,3-Dichlorobenzene	1.660	1.856		11.81	20
1,4-Dichlorobenzene	1.647	1.812		10.02	20
1,2-Dichlorobenzene	1.456	1.618		11.13	20
1,2-Dibromo-3-Chloropropane	0.094	0.099		5.32	20
1,2,4-Trichlorobenzene	0.861	0.928		7.78	20
1,2,3-Trichlorobenzene	0.742	0.815		9.84	20
1,2-Dichloroethane-d4	0.477	0.450		-5.66	20
Dibromofluoromethane	0.299	0.327		9.36	20
Toluene-d8	1.169	1.223		4.62	20
4-Bromofluorobenzene	0.376	0.399		6.12	20

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