

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3586</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>11/12/2025 10:01</u>
Lab File ID:	<u>VY023752.D</u>	Init. Calib. Date(s):	<u>11/04/2025 11/04/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:19 11:27</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.328	0.287		-12.5	20
Chloromethane	0.459	0.395	0.1	-13.94	20
Vinyl Chloride	0.598	0.535		-10.53	20
Bromomethane	0.503	0.446		-11.33	20
Chloroethane	0.413	0.388		-6.05	20
Trichlorofluoromethane	0.842	0.835		-0.83	20
1,1,2-Trichlorotrifluoroethane	0.464	0.460		-0.86	20
1,1-Dichloroethene	0.447	0.446		-0.22	20
Acetone	0.106	0.126		18.87	20
Carbon Disulfide	1.371	1.308		-4.59	20
Methyl tert-butyl Ether	1.036	1.124		8.49	20
Methyl Acetate	0.234	0.221		-5.56	20
Methylene Chloride	0.512	0.493		-3.71	20
trans-1,2-Dichloroethene	0.504	0.503		-0.2	20
1,1-Dichloroethane	0.807	0.804	0.1	-0.37	20
Cyclohexane	0.703	0.689		-1.99	20
2-Butanone	0.123	0.140		13.82	20
Carbon Tetrachloride	0.492	0.519		5.49	20
cis-1,2-Dichloroethene	0.575	0.587		2.09	20
Bromochloromethane	0.309	0.311		0.65	20
Chloroform	0.901	0.898		-0.33	20
1,1,1-Trichloroethane	0.805	0.810		0.62	20
Methylcyclohexane	0.534	0.575		7.68	20
Benzene	1.316	1.358		3.19	20
1,2-Dichloroethane	0.333	0.350		5.11	20
Trichloroethene	0.378	0.389		2.91	20
1,2-Dichloropropane	0.290	0.301		3.79	20
Bromodichloromethane	0.454	0.480		5.73	20
4-Methyl-2-Pentanone	0.162	0.190		17.28	20
Toluene	0.840	0.900		7.14	20
t-1,3-Dichloropropene	0.384	0.422		9.9	20
cis-1,3-Dichloropropene	0.460	0.494		7.39	20
1,1,2-Trichloroethane	0.241	0.260		7.88	20
2-Hexanone	0.118	0.143		21.19	20
Dibromochloromethane	0.330	0.361		9.39	20
1,2-Dibromoethane	0.226	0.247		9.29	20
Tetrachloroethene	0.520	0.541		4.04	20
Chlorobenzene	1.089	1.147	0.3	5.33	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	1.762	1.933		9.7	20
m/p-Xylenes	0.704	0.769		9.23	20
o-Xylene	0.651	0.718		10.29	20
Styrene	1.074	1.200		11.73	20
Bromoform	0.225	0.259	0.1	15.11	20
Isopropylbenzene	3.344	3.789		13.31	20
1,1,2,2-Tetrachloroethane	0.534	0.601	0.3	12.55	20
1,3-Dichlorobenzene	1.707	1.800		5.45	20
1,4-Dichlorobenzene	1.677	1.757		4.77	20
1,2-Dichlorobenzene	1.471	1.588		7.95	20
1,2-Dibromo-3-Chloropropane	0.082	0.093		13.41	20
1,2,4-Trichlorobenzene	0.842	0.930		10.45	20
1,2,3-Trichlorobenzene	0.703	0.793		12.8	20
1,2-Dichloroethane-d4	0.427	0.419		-1.87	20
Dibromofluoromethane	0.312	0.321		2.88	20
Toluene-d8	1.164	1.193		2.49	20
4-Bromofluorobenzene	0.376	0.417		10.9	20

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