

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LANG01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3323</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>10/10/2025 08:56</u>
Lab File ID:	<u>VY023424.D</u>	Init. Calib. Date(s):	<u>10/07/2025 10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:17 12:32</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.316		-12.22	20
Chloromethane	0.490	0.435	0.1	-11.22	20
Vinyl Chloride	0.639	0.592		-7.36	20
Bromomethane	0.536	0.469		-12.5	20
Chloroethane	0.435	0.420		-3.45	20
Trichlorofluoromethane	0.887	0.825		-6.99	20
1,1,2-Trichlorotrifluoroethane	0.460	0.447		-2.83	20
1,1-Dichloroethene	0.446	0.430		-3.59	20
Acetone	0.100	0.108		8	20
Carbon Disulfide	1.277	1.249		-2.19	20
Methyl tert-butyl Ether	1.072	1.030		-3.92	20
Methyl Acetate	0.261	0.259		-0.77	20
Methylene Chloride	0.538	0.470		-12.64	20
trans-1,2-Dichloroethene	0.491	0.480		-2.24	20
1,1-Dichloroethane	0.796	0.775	0.1	-2.64	20
Cyclohexane	0.696	0.637		-8.48	20
2-Butanone	0.122	0.119		-2.46	20
Carbon Tetrachloride	0.493	0.502		1.83	20
cis-1,2-Dichloroethene	0.567	0.565		-0.35	20
Bromochloromethane	0.297	0.271		-8.75	20
Chloroform	0.875	0.864		-1.26	20
1,1,1-Trichloroethane	0.795	0.784		-1.38	20
Methylcyclohexane	0.530	0.538		1.51	20
Benzene	1.288	1.323		2.72	20
1,2-Dichloroethane	0.332	0.330		-0.6	20
Trichloroethene	0.377	0.378		0.26	20
1,2-Dichloropropane	0.285	0.291		2.11	20
Bromodichloromethane	0.453	0.461		1.77	20
4-Methyl-2-Pentanone	0.166	0.169		1.81	20
Toluene	0.836	0.874		4.55	20
t-1,3-Dichloropropene	0.394	0.400		1.52	20
cis-1,3-Dichloropropene	0.465	0.476		2.37	20
1,1,2-Trichloroethane	0.242	0.250		3.31	20
2-Hexanone	0.119	0.124		4.2	20
Dibromochloromethane	0.339	0.344		1.48	20
1,2-Dibromoethane	0.231	0.235		1.73	20
Tetrachloroethene	0.516	0.531		2.91	20
Chlorobenzene	1.087	1.091	0.3	0.37	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	1.760	1.824		3.64	20
m/p-Xylenes	0.706	0.740		4.82	20
o-Xylene	0.662	0.685		3.47	20
Styrene	1.089	1.153		5.88	20
Bromoform	0.240	0.239	0.1	-0.42	20
Isopropylbenzene	3.295	3.428		4.04	20
1,1,2,2-Tetrachloroethane	0.539	0.531	0.3	-1.48	20
1,3-Dichlorobenzene	1.706	1.684		-1.29	20
1,4-Dichlorobenzene	1.685	1.635		-2.97	20
1,2-Dichlorobenzene	1.496	1.475		-1.4	20
1,2-Dibromo-3-Chloropropane	0.088	0.084		-4.55	20
1,2,4-Trichlorobenzene	0.932	0.855		-8.26	20
1,2,3-Trichlorobenzene	0.808	0.733		-9.28	20
1,2-Dichloroethane-d4	0.418	0.381		-8.85	20
Dibromofluoromethane	0.307	0.297		-3.26	20
Toluene-d8	1.144	1.117		-2.36	20
4-Bromofluorobenzene	0.378	0.363		-3.97	20

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