

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>WOOD06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3834</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/11/2025 07:51</u>
Lab File ID:	<u>VY023939.D</u>	Init. Calib. Date(s):	<u>12/10/2025 12/10/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:44 13:11</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.347	0.332		-4.32	20
Chloromethane	0.445	0.444	0.1	-0.22	20
Vinyl Chloride	0.550	0.554		0.73	20
Bromomethane	0.469	0.437		-6.82	20
Chloroethane	0.388	0.375		-3.35	20
Trichlorofluoromethane	0.829	0.816		-1.57	20
1,1,2-Trichlorotrifluoroethane	0.483	0.467		-3.31	20
1,1-Dichloroethene	0.454	0.451		-0.66	20
Acetone	0.135	0.126		-6.67	20
Carbon Disulfide	1.205	1.290		7.05	20
Methyl tert-butyl Ether	1.085	1.116		2.86	20
Methyl Acetate	0.200	0.207		3.5	20
Methylene Chloride	0.520	0.469		-9.81	20
trans-1,2-Dichloroethene	0.498	0.488		-2.01	20
1,1-Dichloroethane	0.824	0.799	0.1	-3.03	20
Cyclohexane	0.758	0.748		-1.32	20
2-Butanone	0.137	0.142		3.65	20
Carbon Tetrachloride	0.539	0.533		-1.11	20
cis-1,2-Dichloroethene	0.572	0.567		-0.87	20
Bromochloromethane	0.310	0.341		10	20
Chloroform	0.900	0.862		-4.22	20
1,1,1-Trichloroethane	0.835	0.806		-3.47	20
Methylcyclohexane	0.594	0.615		3.54	20
Benzene	1.355	1.347		-0.59	20
1,2-Dichloroethane	0.355	0.354		-0.28	20
Trichloroethene	0.393	0.383		-2.55	20
1,2-Dichloropropane	0.306	0.299		-2.29	20
Bromodichloromethane	0.474	0.469		-1.05	20
4-Methyl-2-Pentanone	0.181	0.202		11.6	20
Toluene	0.897	0.897		0	20
t-1,3-Dichloropropene	0.409	0.423		3.42	20
cis-1,3-Dichloropropene	0.482	0.492		2.08	20
1,1,2-Trichloroethane	0.248	0.247		-0.4	20
2-Hexanone	0.137	0.151		10.22	20
Dibromochloromethane	0.343	0.351		2.33	20
1,2-Dibromoethane	0.230	0.235		2.17	20
Tetrachloroethene	0.537	0.525		-2.23	20
Chlorobenzene	1.159	1.142	0.3	-1.47	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	1.941	1.964		1.18	20
m/p-Xylenes	0.771	0.780		1.17	20
o-Xylene	0.721	0.729		1.11	20
Styrene	1.165	1.200		3	20
Bromoform	0.239	0.251	0.1	5.02	20
Isopropylbenzene	3.654	3.683		0.79	20
1,1,2,2-Tetrachloroethane	0.556	0.581	0.3	4.5	20
1,3-Dichlorobenzene	1.761	1.738		-1.31	20
1,4-Dichlorobenzene	1.736	1.693		-2.48	20
1,2-Dichlorobenzene	1.526	1.514		-0.79	20
1,2-Dibromo-3-Chloropropane	0.086	0.091		5.81	20
1,2,4-Trichlorobenzene	0.897	0.932		3.9	20
1,2,3-Trichlorobenzene	0.763	0.799		4.72	20
1,2-Dichloroethane-d4	0.442	0.449		1.58	20
Dibromofluoromethane	0.327	0.328		0.31	20
Toluene-d8	1.217	1.221		0.33	20
4-Bromofluorobenzene	0.406	0.407		0.25	20

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