

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3784</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>12/08/2025 09:40</u>
Lab File ID:	<u>VW032583.D</u>	Init. Calib. Date(s):	<u>12/03/2025 12/03/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>11:32 13:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.309	0.307		-0.65	20
Chloromethane	0.569	0.510	0.1	-10.37	20
Vinyl Chloride	0.690	0.699		1.3	20
Bromomethane	0.458	0.449		-1.97	20
Chloroethane	0.446	0.438		-1.79	20
Trichlorofluoromethane	0.535	0.523		-2.24	20
1,1,2-Trichlorotrifluoroethane	0.566	0.601		6.18	20
Tert butyl alcohol	0.057	0.046		-19.3	20
1,1-Dichloroethene	0.638	0.645		1.1	20
Acetone	0.233	0.234		0.43	20
Carbon Disulfide	1.889	1.890		0.05	20
Methyl tert-butyl Ether	1.189	1.253		5.38	20
Methyl Acetate	0.479	0.500		4.38	20
Methylene Chloride	0.832	0.746		-10.34	20
trans-1,2-Dichloroethene	0.697	0.703		0.86	20
1,1-Dichloroethane	1.353	1.368	0.1	1.11	20
Cyclohexane	1.193	1.223		2.52	20
2-Butanone	0.298	0.296		-0.67	20
Carbon Tetrachloride	0.466	0.494		6.01	20
cis-1,2-Dichloroethene	0.811	0.800		-1.36	20
Bromochloromethane	0.608	0.594		-2.3	20
Chloroform	1.342	1.345		0.22	20
1,1,1-Trichloroethane	0.974	0.986		1.23	20
Methylcyclohexane	0.613	0.687		12.07	20
Benzene	1.599	1.610		0.69	20
1,2-Dichloroethane	0.490	0.497		1.43	20
Trichloroethene	0.357	0.367		2.8	20
1,2-Dichloropropane	0.397	0.411		3.53	20
Bromodichloromethane	0.538	0.560		4.09	20
4-Methyl-2-Pentanone	0.330	0.343		3.94	20
Toluene	0.964	0.994		3.11	20
t-1,3-Dichloropropene	0.517	0.546		5.61	20
cis-1,3-Dichloropropene	0.606	0.638		5.28	20
1,1,2-Trichloroethane	0.308	0.313		1.62	20
2-Hexanone	0.235	0.247		5.11	20
Dibromochloromethane	0.345	0.354		2.61	20
1,2-Dibromoethane	0.293	0.297		1.37	20
Tetrachloroethene	0.333	0.328		-1.5	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
Chlorobenzene	1.181	1.201	0.3	1.69	20
Ethyl Benzene	2.005	2.109		5.19	20
m/p-Xylenes	0.762	0.815		6.95	20
o-Xylene	0.698	0.732		4.87	20
Styrene	1.225	1.315		7.35	20
Bromoform	0.201	0.209	0.1	3.98	20
Isopropylbenzene	3.709	4.009		8.09	20
1,1,2,2-Tetrachloroethane	0.873	0.912	0.3	4.47	20
1,3-Dichlorobenzene	1.793	1.824		1.73	20
1,4-Dichlorobenzene	1.779	1.868		5	20
1,2-Dichlorobenzene	1.572	1.632		3.82	20
1,2-Dibromo-3-Chloropropane	0.151	0.155		2.65	20
1,2,4-Trichlorobenzene	0.958	0.988		3.13	20
1,2,3-Trichlorobenzene	0.870	0.944		8.51	20
1,2-Dichloroethane-d4	0.744	0.659		-11.43	20
Dibromofluoromethane	0.329	0.298		-9.42	20
Toluene-d8	1.238	1.131		-8.64	20
4-Bromofluorobenzene	0.457	0.415		-9.19	20

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