

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2994</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>09/02/2025 08:58</u>
Lab File ID:	<u>VY023252.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	0.351		-13.97	20
Chloromethane	0.661	0.552	0.1	-16.49	20
Vinyl Chloride	0.817	0.713		-12.73	20
Bromomethane	0.610	0.553		-9.34	20
Chloroethane	0.543	0.504		-7.18	20
Trichlorofluoromethane	0.994	0.939		-5.53	20
1,1,2-Trichlorotrifluoroethane	0.490	0.511		4.29	20
1,1-Dichloroethene	0.482	0.484		0.41	20
Acetone	0.103	0.117		13.59	20
Carbon Disulfide	1.571	1.429		-9.04	20
Methyl tert-butyl Ether	1.249	1.195		-4.32	20
Methyl Acetate	0.307	0.293		-4.56	20
Methylene Chloride	0.620	0.564		-9.03	20
trans-1,2-Dichloroethene	0.541	0.558		3.14	20
1,1-Dichloroethane	0.942	0.935	0.1	-0.74	20
Cyclohexane	0.888	0.774		-12.84	20
2-Butanone	0.140	0.136		-2.86	20
Carbon Tetrachloride	0.483	0.552		14.29	20
cis-1,2-Dichloroethene	0.626	0.648		3.51	20
Bromochloromethane	0.374	0.353		-5.61	20
Chloroform	0.971	1.010		4.02	20
1,1,1-Trichloroethane	0.862	0.897		4.06	20
Methylcyclohexane	0.586	0.615		4.95	20
Benzene	1.370	1.519		10.88	20
1,2-Dichloroethane	0.356	0.375		5.34	20
Trichloroethene	0.354	0.419		18.36	20
1,2-Dichloropropane	0.315	0.342		8.57	20
Bromodichloromethane	0.466	0.521		11.8	20
4-Methyl-2-Pentanone	0.195	0.192		-1.54	20
Toluene	0.870	0.991		13.91	20
t-1,3-Dichloropropene	0.422	0.452		7.11	20
cis-1,3-Dichloropropene	0.499	0.542		8.62	20
1,1,2-Trichloroethane	0.242	0.273		12.81	20
2-Hexanone	0.133	0.138		3.76	20
Dibromochloromethane	0.320	0.372		16.25	20
1,2-Dibromoethane	0.228	0.253		10.97	20
Tetrachloroethene	0.446	0.585		31.17	20
Chlorobenzene	1.079	1.213	0.3	12.42	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	2.064		11.21	20
m/p-Xylenes	0.725	0.824		13.65	20
o-Xylene	0.679	0.764		12.52	20
Styrene	1.110	1.281		15.4	20
Bromoform	0.214	0.247	0.1	15.42	20
Isopropylbenzene	3.529	3.854		9.21	20
1,1,2,2-Tetrachloroethane	0.603	0.572	0.3	-5.14	20
1,3-Dichlorobenzene	1.660	1.894		14.1	20
1,4-Dichlorobenzene	1.647	1.841		11.78	20
1,2-Dichlorobenzene	1.456	1.643		12.84	20
1,2-Dibromo-3-Chloropropane	0.094	0.088		-6.38	20
1,2,4-Trichlorobenzene	0.861	0.967		12.31	20
1,2,3-Trichlorobenzene	0.742	0.832		12.13	20
1,2-Dichloroethane-d4	0.477	0.446		-6.5	20
Dibromofluoromethane	0.299	0.328		9.7	20
Toluene-d8	1.169	1.273		8.9	20
4-Bromofluorobenzene	0.376	0.409		8.78	20

All other compounds must meet a minimum RRF of 0.010.
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