

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ROMA02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3604</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>11/26/2025</u> <u>12:05</u>
Lab File ID:	<u>VW032536.D</u>	Init. Calib. Date(s):	<u>11/10/2025</u> <u>11/10/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>15:11</u> <u>17:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.254	0.283		11.42	20
Chloromethane	0.435	0.490	0.1	12.64	20
Vinyl Chloride	0.549	0.631		14.94	20
Bromomethane	0.367	0.414		12.81	20
Chloroethane	0.359	0.408		13.65	20
Trichlorofluoromethane	0.430	0.460		6.98	20
1,1,2-Trichlorotrifluoroethane	0.469	0.567		20.9	20
1,1-Dichloroethene	0.537	0.621		15.64	20
Acetone	0.193	0.201		4.14	20
Carbon Disulfide	1.588	1.704		7.3	20
Methyl tert-butyl Ether	1.133	1.192		5.21	20
Methyl Acetate	0.478	0.580		21.34	20
Methylene Chloride	0.690	0.732		6.09	20
trans-1,2-Dichloroethene	0.615	0.683		11.06	20
1,1-Dichloroethane	1.153	1.330	0.1	15.35	20
Cyclohexane	1.066	1.138		6.75	20
2-Butanone	0.284	0.286		0.7	20
Carbon Tetrachloride	0.392	0.484		23.47	20
cis-1,2-Dichloroethene	0.734	0.805		9.67	20
Bromochloromethane	0.545	0.594		8.99	20
Chloroform	1.129	1.341		18.78	20
1,1,1-Trichloroethane	0.806	0.936		16.13	20
Methylcyclohexane	0.571	0.644		12.78	20
Benzene	1.420	1.626		14.51	20
1,2-Dichloroethane	0.417	0.508		21.82	20
Trichloroethene	0.331	0.364		9.97	20
1,2-Dichloropropane	0.354	0.416		17.51	20
Bromodichloromethane	0.471	0.565		19.96	20
4-Methyl-2-Pentanone	0.321	0.368		14.64	20
Toluene	0.877	1.020		16.31	20
t-1,3-Dichloropropene	0.486	0.552		13.58	20
cis-1,3-Dichloropropene	0.562	0.646		14.95	20
1,1,2-Trichloroethane	0.284	0.318		11.97	20
2-Hexanone	0.235	0.258		9.79	20
Dibromochloromethane	0.317	0.368		16.09	20
1,2-Dibromoethane	0.276	0.308		11.59	20
Tetrachloroethene	0.296	0.333		12.5	20
Chlorobenzene	1.078	1.161	0.3	7.7	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	1.865	2.114		13.35	20
m/p-Xylenes	0.700	0.773		10.43	20
o-Xylene	0.670	0.743		10.9	20
Styrene	1.153	1.319		14.4	20
Bromoform	0.198	0.210	0.1	6.06	20
Isopropylbenzene	3.672	3.918		6.7	20
1,1,2,2-Tetrachloroethane	0.871	0.907	0.3	4.13	20
1,3-Dichlorobenzene	1.648	1.840		11.65	20
1,4-Dichlorobenzene	1.689	1.772		4.91	20
1,2-Dichlorobenzene	1.513	1.619		7.01	20
1,2-Dibromo-3-Chloropropane	0.150	0.151		0.67	20
1,2,4-Trichlorobenzene	0.963	0.967		0.41	20
1,2,3-Trichlorobenzene	0.874	0.916		4.8	20
1,2-Dichloroethane-d4	0.645	0.717		11.16	20
Dibromofluoromethane	0.299	0.323		8.03	20
Toluene-d8	1.148	1.231		7.23	20
4-Bromofluorobenzene	0.434	0.460		5.99	20

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