

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2819</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>08/14/2025 10:17</u>
Lab File ID:	<u>VY023084.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	0.368		-9.8	20
Chloromethane	0.661	0.738	0.1	11.65	20
Vinyl Chloride	0.817	0.946		15.79	20
Bromomethane	0.610	0.701		14.92	20
Chloroethane	0.543	0.665		22.47	20
Trichlorofluoromethane	0.994	1.067		7.34	20
1,1,2-Trichlorotrifluoroethane	0.490	0.530		8.16	20
1,1-Dichloroethene	0.482	0.512		6.22	20
Acetone	0.103	0.106		2.91	20
Carbon Disulfide	1.571	1.688		7.45	20
Methyl tert-butyl Ether	1.249	1.278		2.32	20
Methyl Acetate	0.307	0.311		1.3	20
Methylene Chloride	0.620	0.608		-1.93	20
trans-1,2-Dichloroethene	0.541	0.599		10.72	20
1,1-Dichloroethane	0.942	1.065	0.1	13.06	20
Cyclohexane	0.888	0.899		1.24	20
2-Butanone	0.140	0.142		1.43	20
Carbon Tetrachloride	0.483	0.543		12.42	20
cis-1,2-Dichloroethene	0.626	0.688		9.9	20
Bromochloromethane	0.374	0.440		17.65	20
Chloroform	0.971	1.102		13.49	20
1,1,1-Trichloroethane	0.862	0.962		11.6	20
Methylcyclohexane	0.586	0.637		8.7	20
Benzene	1.370	1.568		14.45	20
1,2-Dichloroethane	0.356	0.398		11.8	20
Trichloroethene	0.354	0.397		12.15	20
1,2-Dichloropropane	0.315	0.366		16.19	20
Bromodichloromethane	0.466	0.532		14.16	20
4-Methyl-2-Pentanone	0.195	0.203		4.1	20
Toluene	0.870	1.000		14.94	20
t-1,3-Dichloropropene	0.422	0.465		10.19	20
cis-1,3-Dichloropropene	0.499	0.557		11.62	20
1,1,2-Trichloroethane	0.242	0.267		10.33	20
2-Hexanone	0.133	0.137		3.01	20
Dibromochloromethane	0.320	0.358		11.88	20
1,2-Dibromoethane	0.228	0.247		8.33	20
Tetrachloroethene	0.446	0.495		10.99	20
Chlorobenzene	1.079	1.192	0.3	10.47	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	1.856	2.084		12.28	20
m/p-Xylenes	0.725	0.824		13.65	20
o-Xylene	0.679	0.765		12.67	20
Styrene	1.110	1.298		16.94	20
Bromoform	0.214	0.221	0.1	3.27	20
Isopropylbenzene	3.529	3.976		12.67	20
1,1,2,2-Tetrachloroethane	0.603	0.622	0.3	3.15	20
1,3-Dichlorobenzene	1.660	1.864		12.29	20
1,4-Dichlorobenzene	1.647	1.816		10.26	20
1,2-Dichlorobenzene	1.456	1.620		11.26	20
1,2-Dibromo-3-Chloropropane	0.094	0.097		3.19	20
1,2,4-Trichlorobenzene	0.861	0.892		3.6	20
1,2,3-Trichlorobenzene	0.742	0.759		2.29	20
1,2-Dichloroethane-d4	0.477	0.540		13.21	20
Dibromofluoromethane	0.299	0.344		15.05	20
Toluene-d8	1.169	1.352		15.65	20
4-Bromofluorobenzene	0.376	0.427		13.56	20

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