

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>SCIA01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2618</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>07/16/2025 09:22</u>
Lab File ID:	<u>VW031864.D</u>	Init. Calib. Date(s):	<u>06/30/2025 06/30/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:54 12:55</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.375		9.97	20
Chloromethane	0.411	0.471	0.1	14.6	20
Vinyl Chloride	0.540	0.622		15.19	20
Bromomethane	0.421	0.444		5.46	20
Chloroethane	0.367	0.390		6.27	20
Trichlorofluoromethane	0.490	0.561		14.49	20
1,1,2-Trichlorotrifluoroethane	0.544	0.589		8.27	20
1,1-Dichloroethene	0.596	0.670		12.42	20
Acetone	0.177	0.162		-8.48	20
Carbon Disulfide	1.594	1.727		8.34	20
Methyl tert-butyl Ether	1.011	1.154		14.14	20
Methyl Acetate	0.507	0.528		4.14	20
Methylene Chloride	0.814	0.758		-6.88	20
trans-1,2-Dichloroethene	0.633	0.703		11.06	20
1,1-Dichloroethane	1.156	1.298	0.1	12.28	20
Cyclohexane	1.022	1.105		8.12	20
2-Butanone	0.231	0.256		10.82	20
Carbon Tetrachloride	0.481	0.499		3.74	20
cis-1,2-Dichloroethene	0.728	0.849		16.62	20
Bromochloromethane	0.510	0.549		7.65	20
Chloroform	1.228	1.374		11.89	20
1,1,1-Trichloroethane	0.946	1.003		6.03	20
Methylcyclohexane	0.587	0.657		11.93	20
Benzene	1.397	1.540		10.24	20
1,2-Dichloroethane	0.472	0.503		6.57	20
Trichloroethene	0.349	0.371		6.3	20
1,2-Dichloropropane	0.338	0.363		7.4	20
Bromodichloromethane	0.511	0.562		9.98	20
4-Methyl-2-Pentanone	0.295	0.316		7.12	20
Toluene	0.894	0.990		10.74	20
t-1,3-Dichloropropene	0.480	0.538		12.08	20
cis-1,3-Dichloropropene	0.544	0.616		13.23	20
1,1,2-Trichloroethane	0.286	0.309		8.04	20
2-Hexanone	0.200	0.222		11	20
Dibromochloromethane	0.341	0.359		5.28	20
1,2-Dibromoethane	0.286	0.310		8.39	20
Tetrachloroethene	0.327	0.335		2.45	20
Chlorobenzene	1.103	1.224	0.3	10.97	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	1.913	2.158		12.81	20
m/p-Xylenes	0.735	0.823		11.97	20
o-Xylene	0.681	0.783		14.98	20
Styrene	1.177	1.322		12.32	20
Bromoform	0.210	0.228	0.1	8.57	20
Isopropylbenzene	3.803	4.471		17.57	20
1,1,2,2-Tetrachloroethane	0.844	0.961	0.3	13.86	20
1,3-Dichlorobenzene	1.701	1.946		14.4	20
1,4-Dichlorobenzene	1.741	1.938		11.31	20
1,2-Dichlorobenzene	1.555	1.750		12.54	20
1,2-Dibromo-3-Chloropropane	0.165	0.177		7.27	20
1,2,4-Trichlorobenzene	0.959	1.101		14.81	20
1,2,3-Trichlorobenzene	0.881	0.925		4.99	20
1,2-Dichloroethane-d4	0.718	0.706		-1.67	20
Dibromofluoromethane	0.326	0.323		-0.92	20
Toluene-d8	1.214	1.204		-0.82	20
4-Bromofluorobenzene	0.447	0.465		4.03	20

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