

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2820</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>08/14/2025 09:27</u>
Lab File ID:	<u>VW032080.D</u>	Init. Calib. Date(s):	<u>08/11/2025 08/11/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:25 11:08</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.358	0.356		-0.56	20
Chloromethane	0.482	0.429	0.1	-11	20
Vinyl Chloride	0.583	0.555		-4.8	20
Bromomethane	0.437	0.471		7.78	20
Chloroethane	0.386	0.395		2.33	20
Trichlorofluoromethane	0.467	0.539		15.42	20
1,1,2-Trichlorotrifluoroethane	0.551	0.609		10.53	20
1,1-Dichloroethene	0.606	0.656		8.25	20
Acetone	0.167	0.198		18.56	20
Carbon Disulfide	1.628	1.465		-10.01	20
Methyl tert-butyl Ether	1.068	1.075		0.65	20
Methyl Acetate	0.530	0.535		0.94	20
Methylene Chloride	0.774	0.665		-14.08	20
trans-1,2-Dichloroethene	0.644	0.645		0.16	20
1,1-Dichloroethane	1.189	1.171	0.1	-1.51	20
Cyclohexane	1.031	0.928		-9.99	20
2-Butanone	0.238	0.258		8.4	20
Carbon Tetrachloride	0.439	0.512		16.63	20
cis-1,2-Dichloroethene	0.752	0.779		3.59	20
Bromochloromethane	0.541	0.510		-5.73	20
Chloroform	1.260	1.337		6.11	20
1,1,1-Trichloroethane	0.915	0.941		2.84	20
Methylcyclohexane	0.555	0.577		3.96	20
Benzene	1.415	1.526		7.84	20
1,2-Dichloroethane	0.453	0.524		15.67	20
Trichloroethene	0.337	0.379		12.46	20
1,2-Dichloropropane	0.342	0.367		7.31	20
Bromodichloromethane	0.509	0.582		14.34	20
4-Methyl-2-Pentanone	0.279	0.333		19.35	20
Toluene	0.892	0.978		9.64	20
t-1,3-Dichloropropene	0.476	0.531		11.56	20
cis-1,3-Dichloropropene	0.541	0.595		9.98	20
1,1,2-Trichloroethane	0.293	0.332		13.31	20
2-Hexanone	0.193	0.234		21.24	20
Dibromochloromethane	0.335	0.404		20.6	20
1,2-Dibromoethane	0.285	0.331		16.14	20
Tetrachloroethene	0.289	0.334		15.57	20
Chlorobenzene	1.088	1.216	0.3	11.77	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	1.843	2.010		9.06	20
m/p-Xylenes	0.711	0.801		12.66	20
o-Xylene	0.657	0.764		16.29	20
Styrene	1.168	1.351		15.67	20
Bromoform	0.194	0.248	0.1	27.83	20
Isopropylbenzene	3.494	3.656		4.64	20
1,1,2,2-Tetrachloroethane	0.830	0.866	0.3	4.34	20
1,3-Dichlorobenzene	1.661	1.866		12.34	20
1,4-Dichlorobenzene	1.678	1.832		9.18	20
1,2-Dichlorobenzene	1.504	1.699		12.97	20
1,2-Dibromo-3-Chloropropane	0.147	0.155		5.44	20
1,2,4-Trichlorobenzene	0.900	0.991		10.11	20
1,2,3-Trichlorobenzene	0.819	0.932		13.8	20
1,2-Dichloroethane-d4	0.723	0.728		0.69	20
Dibromofluoromethane	0.323	0.346		7.12	20
Toluene-d8	1.195	1.227		2.68	20
4-Bromofluorobenzene	0.440	0.443		0.68	20

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