

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2664</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>07/21/2025 10:38</u>
Lab File ID:	<u>VN087368.D</u>	Init. Calib. Date(s):	<u>07/16/2025 07/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>17:05 18:54</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.531	0.655		23.35	20
Chloromethane	0.668	0.678	0.1	1.5	20
Vinyl Chloride	0.664	0.725		9.19	20
Bromomethane	0.344	0.335		-2.62	20
Chloroethane	0.433	0.443		2.31	20
Trichlorofluoromethane	0.981	1.080		10.09	20
1,1,2-Trichlorotrifluoroethane	0.504	0.578		14.68	20
1,1-Dichloroethene	0.571	0.556		-2.63	20
Acrolein	0.129	0.127		-1.55	20
Carbon Disulfide	1.693	1.786		5.49	20
Methyl tert-butyl Ether	2.104	2.165		2.9	20
Methyl Acetate	0.999	0.952		-4.7	20
Methylene Chloride	0.766	0.680		-11.23	20
trans-1,2-Dichloroethene	0.644	0.639		-0.78	20
1,1-Dichloroethane	1.250	1.246	0.1	-0.32	20
Cyclohexane	1.043	1.138		9.11	20
2-Butanone	0.615	0.586		-4.72	20
Carbon Tetrachloride	0.502	0.596		18.73	20
cis-1,2-Dichloroethene	0.741	0.765		3.24	20
Bromochloromethane	0.598	0.602		0.67	20
Chloroform	1.251	1.287		2.88	20
1,1,1-Trichloroethane	1.084	1.134		4.61	20
Methylcyclohexane	0.493	0.642		30.22	20
Benzene	1.473	1.638		11.2	20
1,2-Dichloroethane	0.558	0.595		6.63	20
Trichloroethene	0.348	0.383		10.06	20
1,2-Dichloropropane	0.374	0.421		12.57	20
Bromodichloromethane	0.564	0.593		5.14	20
4-Methyl-2-Pentanone	0.646	0.672		4.03	20
Toluene	0.895	1.007		12.51	20
t-1,3-Dichloropropene	0.571	0.634		11.03	20
cis-1,3-Dichloropropene	0.590	0.666		12.88	20
1,1,2-Trichloroethane	0.362	0.377		4.14	20
2-Hexanone	0.429	0.471		9.79	20
Dibromochloromethane	0.413	0.442		7.02	20
1,2-Dibromoethane	0.381	0.399		4.72	20
Tetrachloroethene	0.322	0.364		13.04	20
Chlorobenzene	1.123	1.199	0.3	6.77	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	1.848	2.112		14.29	20
m/p-Xylenes	0.692	0.827		19.51	20
o-Xylene	0.661	0.783		18.46	20
Styrene	1.112	1.331		19.69	20
Bromoform	0.308	0.332	0.1	7.79	20
Isopropylbenzene	3.147	3.856		22.53	20
1,1,2,2-Tetrachloroethane	1.184	1.213	0.3	2.45	20
1,2,4-Trimethylbenzene	2.738	3.304		20.67	20
1,3-Dichlorobenzene	1.602	1.782		11.24	20
1,4-Dichlorobenzene	1.711	1.821		6.43	20
1,2-Dichlorobenzene	1.517	1.679		10.68	20
1,2-Dibromo-3-Chloropropane	0.311	0.293		-5.79	20
1,2,4-Trichlorobenzene	0.891	1.041		16.83	20
1,2,3-Trichlorobenzene	0.894	1.020		14.09	20
1,2-Dichloroethane-d4	0.848	0.831		-2.01	20
Dibromofluoromethane	0.345	0.356		3.19	20
Toluene-d8	1.230	1.321		7.4	20
4-Bromofluorobenzene	0.455	0.481		5.71	20

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