

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3560</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>11/07/2025 09:49</u>
Lab File ID:	<u>VN088222.D</u>	Init. Calib. Date(s):	<u>10/23/2025 10/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:42 12:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.723	0.677		-6.36	20
Chloroethane	0.521	0.461		-11.52	20
Trichlorofluoromethane	1.153	0.986		-14.48	20
1,1-Dichloroethene	0.628	0.542		-13.69	20
Acrylonitrile	0.406	0.478		17.73	20
Acetone	0.434	0.468		7.83	20
Carbon Disulfide	1.910	1.704		-10.78	20
Methylene Chloride	0.729	0.740		1.51	20
Vinyl Acetate	2.087	2.355		12.84	20
2-Butanone	0.572	0.668		16.78	20
Carbon Tetrachloride	0.507	0.488		-3.75	20
cis-1,2-Dichloroethene	0.794	0.817		2.9	20
Bromochloromethane	0.606	0.719		18.65	20
Chloroform	1.282	1.382		7.8	20
1,1,1-Trichloroethane	1.142	1.129		-1.14	20
Benzene	1.494	1.503		0.6	20
1,2-Dichloropropane	0.377	0.399		5.84	20
Dibromomethane	0.269	0.284		5.58	20
Bromodichloromethane	0.538	0.589		9.48	20
4-Methyl-2-Pentanone	0.575	0.666		15.83	20
Toluene	0.921	0.907		-1.52	20
t-1,3-Dichloropropene	0.573	0.628		9.6	20
cis-1,3-Dichloropropene	0.608	0.653		7.4	20
2-Hexanone	0.382	0.461		20.68	20
Dibromochloromethane	0.397	0.420		5.79	20
1,2-Dibromoethane	0.360	0.378		5	20
Tetrachloroethene	0.330	0.303		-8.18	20
Chlorobenzene	1.135	1.142	0.3	0.62	20
1,1,1,2-Tetrachloroethane	0.372	0.385		3.49	20
Ethyl Benzene	1.993	1.968		-1.25	20
m/p-Xylenes	0.747	0.732		-2.01	20
o-Xylene	0.708	0.712		0.56	20
Styrene	1.154	1.231		6.67	20
Bromoform	0.278	0.307	0.1	10.43	20
1,1,2,2-Tetrachloroethane	1.201	1.292	0.3	7.58	20
1,2,3-Trichloropropane	1.143	1.113		-2.63	20
1,4-Dichlorobenzene	1.783	1.684		-5.55	20
1,2-Dichlorobenzene	1.600	1.592		-0.5	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
1,2-Dibromo-3-Chloropropane	0.279	0.308		10.39	20
1,2-Dichloroethane-d4	0.865	0.970		12.14	20
Dibromofluoromethane	0.336	0.348		3.57	20
Toluene-d8	1.294	1.257		-2.86	20
4-Bromofluorobenzene	0.457	0.470		2.85	20
Methyl Iodide	0.544	0.609		11.95	20
trans-1,4-Dichloro-2-butene	0.410	0.434		5.85	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.