

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>11/06/2025</u> <u>11:00</u>
Lab File ID:	<u>VN088197.D</u>	Init. Calib. Date(s):	<u>10/23/2025</u> <u>10/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:42</u> <u>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	0.645		-10.79	20
Chloroethane	0.521	0.419		-19.58	20
Trichlorofluoromethane	1.153	0.986		-14.48	20
1,1-Dichloroethene	0.628	0.520		-17.2	20
Acrylonitrile	0.406	0.401		-1.23	20
Acetone	0.434	0.399		-8.06	20
Carbon Disulfide	1.910	1.582		-17.17	20
Methylene Chloride	0.729	0.671		-7.96	20
Vinyl Acetate	2.087	2.154		3.21	20
2-Butanone	0.572	0.561		-1.92	20
Carbon Tetrachloride	0.507	0.502		-0.99	20
cis-1,2-Dichloroethene	0.794	0.742		-6.55	20
Bromochloromethane	0.606	0.675		11.39	20
Chloroform	1.282	1.278		-0.31	20
1,1,1-Trichloroethane	1.142	1.106		-3.15	20
Benzene	1.494	1.426		-4.55	20
1,2-Dichloropropane	0.377	0.374		-0.8	20
Dibromomethane	0.269	0.275		2.23	20
Bromodichloromethane	0.538	0.567		5.39	20
4-Methyl-2-Pentanone	0.575	0.605		5.22	20
Toluene	0.921	0.887		-3.69	20
t-1,3-Dichloropropene	0.573	0.626		9.25	20
cis-1,3-Dichloropropene	0.608	0.630		3.62	20
2-Hexanone	0.382	0.415		8.64	20
Dibromochloromethane	0.397	0.411		3.53	20
1,2-Dibromoethane	0.360	0.361		0.28	20
Tetrachloroethene	0.330	0.308		-6.67	20
Chlorobenzene	1.135	1.107	0.3	-2.47	20
1,1,1,2-Tetrachloroethane	0.372	0.389		4.57	20
Ethyl Benzene	1.993	1.968		-1.25	20
m/p-Xylenes	0.747	0.735		-1.61	20
o-Xylene	0.708	0.713		0.71	20
Styrene	1.154	1.219		5.63	20
Bromoform	0.278	0.305	0.1	9.71	20
1,1,2,2-Tetrachloroethane	1.201	1.232	0.3	2.58	20
1,2,3-Trichloropropane	1.143	1.225		7.17	20
1,4-Dichlorobenzene	1.783	1.710		-4.09	20
1,2-Dichlorobenzene	1.600	1.563		-2.31	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	0.290		3.94	20
1,2-Dichloroethane-d4	0.865	0.909		5.09	20
Dibromofluoromethane	0.336	0.334		-0.6	20
Toluene-d8	1.294	1.260		-2.63	20
4-Bromofluorobenzene	0.457	0.471		3.06	20
Methyl Iodide	0.544	0.566		4.04	20
trans-1,4-Dichloro-2-butene	0.410	0.437		6.59	20

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