

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3426</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>10/28/2025 10:23</u>
Lab File ID:	<u>VN088127.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
Dichlorodifluoromethane	0.564	0.552		-2.13	20
Chloromethane	0.664	0.660	0.1	-0.6	20
Vinyl Chloride	0.723	0.731		1.11	20
Bromomethane	0.432	0.403		-6.71	20
Chloroethane	0.521	0.497		-4.61	20
Trichlorofluoromethane	1.153	1.067		-7.46	20
1,1,2-Trichlorotrifluoroethane	0.595	0.572		-3.87	20
Tert butyl alcohol	0.149	0.183		22.82	20
1,1-Dichloroethene	0.628	0.572		-8.92	20
Acetone	0.434	0.514		18.43	20
Carbon Disulfide	1.910	1.807		-5.39	20
Methyl tert-butyl Ether	2.308	2.786		20.71	20
Methyl Acetate	0.889	1.105		24.3	20
Methylene Chloride	0.729	0.785		7.68	20
trans-1,2-Dichloroethene	0.690	0.692		0.29	20
1,1-Dichloroethane	1.283	1.454	0.1	13.33	20
Cyclohexane	1.210	1.177		-2.73	20
2-Butanone	0.572	0.707		23.6	20
Carbon Tetrachloride	0.507	0.524		3.35	20
cis-1,2-Dichloroethene	0.794	0.875		10.2	20
Bromochloromethane	0.606	0.658		8.58	20
Chloroform	1.282	1.465		14.27	20
1,1,1-Trichloroethane	1.142	1.212		6.13	20
Methylcyclohexane	0.630	0.602		-4.44	20
Benzene	1.494	1.602		7.23	20
1,2-Dichloroethane	0.531	0.652		22.79	20
Trichloroethene	0.349	0.357		2.29	20
1,2-Dichloropropane	0.377	0.424		12.47	20
Bromodichloromethane	0.538	0.631		17.29	20
4-Methyl-2-Pentanone	0.575	0.705		22.61	20
Toluene	0.921	0.978		6.19	20
t-1,3-Dichloropropene	0.573	0.682		19.02	20
cis-1,3-Dichloropropene	0.608	0.703		15.63	20
1,1,2-Trichloroethane	0.349	0.385		10.31	20
2-Hexanone	0.382	0.482		26.18	20
Dibromochloromethane	0.397	0.450		13.35	20
1,2-Dibromoethane	0.360	0.410		13.89	20
Tetrachloroethene	0.330	0.328		-0.61	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
Chlorobenzene	1.135	1.215	0.3	7.05	20
Ethyl Benzene	1.993	2.129		6.82	20
m/p-Xylenes	0.747	0.796		6.56	20
o-Xylene	0.708	0.779		10.03	20
Styrene	1.154	1.332		15.43	20
Bromoform	0.278	0.322	0.1	15.83	20
Isopropylbenzene	3.856	3.984		3.32	20
1,1,2,2-Tetrachloroethane	1.201	1.327	0.3	10.49	20
1,2,4-Trimethylbenzene	3.204	3.555		10.95	20
1,3-Dichlorobenzene	1.660	1.803		8.61	20
1,4-Dichlorobenzene	1.783	1.846		3.53	20
1,2-Dichlorobenzene	1.600	1.712		7	20
1,2-Dibromo-3-Chloropropane	0.279	0.332		19	20
1,2,4-Trichlorobenzene	0.969	1.045		7.84	20
1,2,3-Trichlorobenzene	0.929	1.017		9.47	20
1,2-Dichloroethane-d4	0.865	0.954		10.29	20
Dibromofluoromethane	0.336	0.330		-1.79	20
Toluene-d8	1.294	1.205		-6.88	20
4-Bromofluorobenzene	0.457	0.461		0.88	20

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