

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>WALS01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2487</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>07/03/2025 10:50</u>
Lab File ID:	<u>VN087260.D</u>	Init. Calib. Date(s):	<u>06/30/2025 06/30/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:28 14:51</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.487	0.512		5.13	20
Chloromethane	0.395	0.392	0.1	-0.76	20
Vinyl Chloride	0.486	0.486		0	20
Ethyl Acetate	0.468	0.436		-6.84	20
Bromomethane	0.443	0.387		-12.64	20
Chloroethane	0.385	0.375		-2.6	20
Trichlorofluoromethane	0.843	0.849		0.71	20
1,1,2-Trichlorotrifluoroethane	0.489	0.513		4.91	20
1,1-Dichloroethene	0.465	0.468		0.64	20
Acrolein	0.079	0.120		51.9	20
Acrylonitrile	0.285	0.269		-5.61	20
Acetone	0.240	0.245		2.08	20
Carbon Disulfide	1.395	1.333		-4.44	20
Methyl tert-butyl Ether	1.629	1.608		-1.29	20
Methyl Acetate	0.549	0.542		-1.27	20
Methylene Chloride	0.531	0.521		-1.88	20
trans-1,2-Dichloroethene	0.562	0.542		-3.56	20
1,1-Dichloroethane	0.894	0.886	0.1	-0.89	20
Cyclohexane	0.855	0.782		-8.54	20
2-Butanone	0.375	0.363		-3.2	20
Carbon Tetrachloride	0.493	0.514		4.26	20
2,2-Dichloropropane	0.855	0.860		0.58	20
cis-1,2-Dichloroethene	0.649	0.638		-1.7	20
Bromochloromethane	0.395	0.412		4.3	20
Chloroform	0.991	0.987		-0.4	20
1,1,1-Trichloroethane	0.923	0.911		-1.3	20
Methylcyclohexane	0.518	0.511		-1.35	20
1,1-Dichloropropene	0.435	0.429		-1.38	20
Benzene	1.349	1.318		-2.3	20
1,2-Dichloroethane	0.449	0.443		-1.34	20
Trichloroethene	0.358	0.351		-1.96	20
1,2-Dichloropropane	0.294	0.301		2.38	20
Dibromomethane	0.250	0.247		-1.2	20
Bromodichloromethane	0.477	0.475		-0.42	20
4-Methyl-2-Pentanone	0.444	0.443		-0.22	20
Toluene	0.885	0.884		-0.11	20
t-1,3-Dichloropropene	0.512	0.504		-1.56	20
cis-1,3-Dichloropropene	0.521	0.531		1.92	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
1,1,2-Trichloroethane	0.334	0.325		-2.69	20
1,3-Dichloropropane	0.545	0.544		-0.18	20
2-Chloroethyl Vinyl ether	0.259	0.241		-6.95	20
2-Hexanone	0.318	0.290		-8.81	20
Dibromochloromethane	0.394	0.399		1.27	20
1,2-Dibromoethane	0.359	0.358		-0.28	20
Tetrachloroethene	0.333	0.341		2.4	20
Chlorobenzene	1.122	1.112	0.3	-0.89	20
1,1,1,2-Tetrachloroethane	0.387	0.392		1.29	20
Hexachloroethane	0.532	0.501		-5.83	20
Ethyl Benzene	1.815	1.834		1.05	20
m/p-Xylenes	0.725	0.772		6.48	20
o-Xylene	0.679	0.723		6.48	20
Styrene	1.153	1.245		7.98	20
Bromoform	0.299	0.316	0.1	5.69	20
Isopropylbenzene	3.222	3.097		-3.88	20
1,1,2,2-Tetrachloroethane	1.060	0.946	0.3	-10.76	20
1,2,3-Trichloropropane	0.951	0.819		-13.88	20
Bromobenzene	0.841	0.805		-4.28	20
2-Chlorotoluene	2.316	2.187		-5.57	20
1,3,5-Trimethylbenzene	2.693	2.673		-0.74	20
4-Chlorotoluene	2.424	2.296		-5.28	20
1,2,4-Trimethylbenzene	2.698	2.740		1.56	20
1,3-Dichlorobenzene	1.675	1.675		0	20
1,4-Dichlorobenzene	1.749	1.651		-5.6	20
1,2-Dichlorobenzene	1.566	1.533		-2.11	20
1,2-Dibromo-3-Chloropropane	0.255	0.218		-14.51	20
1,2,4-Trichlorobenzene	0.926	0.847		-8.53	20
Hexachlorobutadiene	0.294	0.243		-17.35	20
1,2,3-Trichlorobenzene	0.902	0.840		-6.87	20
1,2-Dichloroethane-d4	0.628	0.590		-6.05	20
Dibromofluoromethane	0.320	0.309		-3.44	20
Toluene-d8	1.248	1.169		-6.33	20
4-Bromofluorobenzene	0.444	0.419		-5.63	20
Methyl Iodide	0.486	0.496		2.06	20
1,4-Dioxane	5.558	5.963	0.05	7.29	50

All other compounds must meet a minimum RRF of 0.010.
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