

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2458</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>06/30/2025 11:03</u>
Lab File ID:	<u>VY022872.D</u>	Init. Calib. Date(s):	<u>06/23/2025 06/23/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:38 15:31</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.428	0.394		-7.94	20
Chloromethane	0.816	0.771	0.1	-5.51	20
Vinyl Chloride	1.020	0.967		-5.2	20
Bromomethane	0.802	0.735		-8.35	20
Chloroethane	0.686	0.666		-2.91	20
Trichlorofluoromethane	1.129	1.080		-4.34	20
1,1,2-Trichlorotrifluoroethane	0.516	0.554		7.36	20
1,1-Dichloroethene	0.506	0.562		11.07	20
Acetone	0.105	0.124		18.09	20
Carbon Disulfide	1.635	1.820		11.31	20
Methyl tert-butyl Ether	1.378	1.494		8.42	20
Methyl Acetate	0.349	0.300		-14.04	20
Methylene Chloride	0.666	0.725		8.86	20
trans-1,2-Dichloroethene	0.578	0.648		12.11	20
1,1-Dichloroethane	1.044	1.203	0.1	15.23	20
Cyclohexane	0.959	1.049		9.39	20
2-Butanone	0.154	0.166		7.79	20
Carbon Tetrachloride	0.486	0.536		10.29	20
cis-1,2-Dichloroethene	0.672	0.765		13.84	20
Bromochloromethane	0.439	0.448		2.05	20
Chloroform	1.076	1.198		11.44	20
1,1,1-Trichloroethane	0.929	1.028		10.66	20
Methylcyclohexane	0.596	0.679		13.93	20
Benzene	1.417	1.617		14.11	20
1,2-Dichloroethane	0.388	0.429		10.57	20
Trichloroethene	0.356	0.404		13.48	20
1,2-Dichloropropane	0.332	0.380		14.46	20
Bromodichloromethane	0.485	0.546		12.58	20
4-Methyl-2-Pentanone	0.210	0.221		5.24	20
Toluene	0.894	1.029		15.1	20
t-1,3-Dichloropropene	0.437	0.496		13.5	20
cis-1,3-Dichloropropene	0.506	0.585		15.61	20
1,1,2-Trichloroethane	0.244	0.262		7.38	20
2-Hexanone	0.143	0.150		4.89	20
Dibromochloromethane	0.315	0.338		7.3	20
1,2-Dibromoethane	0.228	0.244		7.02	20
Tetrachloroethene	0.472	0.539		14.19	20
Chlorobenzene	1.099	1.262	0.3	14.83	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	1.930	2.279		18.08	20
m/p-Xylenes	0.746	0.876		17.43	20
o-Xylene	0.703	0.826		17.5	20
Styrene	1.178	1.368		16.13	20
Bromoform	0.207	0.217	0.1	4.83	20
Isopropylbenzene	3.698	4.437		19.98	20
1,1,2,2-Tetrachloroethane	0.596	0.623	0.3	4.53	20
1,3-Dichlorobenzene	1.683	1.949		15.81	20
1,4-Dichlorobenzene	1.672	1.902		13.76	20
1,2-Dichlorobenzene	1.483	1.663		12.14	20
1,2-Dibromo-3-Chloropropane	0.101	0.098		-2.97	20
1,2,4-Trichlorobenzene	0.838	0.907		8.23	20
1,2,3-Trichlorobenzene	0.724	0.733		1.24	20
1,2-Dichloroethane-d4	0.558	0.541		-3.05	20
Dibromofluoromethane	0.304	0.310		1.97	20
Toluene-d8	1.207	1.238		2.57	20
4-Bromofluorobenzene	0.388	0.386		-0.51	20

All other compounds must meet a minimum RRF of 0.010.
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