

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>07/01/2025 10:32</u>
Lab File ID:	<u>VY022891.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	0.435		1.64	20
Chloromethane	0.816	0.978	0.1	19.85	20
Vinyl Chloride	1.020	1.097		7.55	20
Bromomethane	0.802	0.865		7.86	20
Chloroethane	0.686	0.760		10.79	20
Trichlorofluoromethane	1.129	1.161		2.83	20
1,1,2-Trichlorotrifluoroethane	0.516	0.562		8.91	20
1,1-Dichloroethene	0.506	0.552		9.09	20
Acetone	0.105	0.124		18.09	20
Carbon Disulfide	1.635	1.756		7.4	20
Methyl tert-butyl Ether	1.378	1.513		9.8	20
Methyl Acetate	0.349	0.323		-7.45	20
Methylene Chloride	0.666	0.681		2.25	20
trans-1,2-Dichloroethene	0.578	0.625		8.13	20
1,1-Dichloroethane	1.044	1.172	0.1	12.26	20
Cyclohexane	0.959	1.037		8.13	20
2-Butanone	0.154	0.172		11.69	20
Carbon Tetrachloride	0.486	0.545		12.14	20
cis-1,2-Dichloroethene	0.672	0.744		10.71	20
Bromochloromethane	0.439	0.449		2.28	20
Chloroform	1.076	1.169		8.74	20
1,1,1-Trichloroethane	0.929	1.030		10.87	20
Methylcyclohexane	0.596	0.685		14.93	20
Benzene	1.417	1.588		12.07	20
1,2-Dichloroethane	0.388	0.425		9.54	20
Trichloroethene	0.356	0.384		7.86	20
1,2-Dichloropropane	0.332	0.374		12.65	20
Bromodichloromethane	0.485	0.542		11.75	20
4-Methyl-2-Pentanone	0.210	0.236		12.38	20
Toluene	0.894	1.012		13.2	20
t-1,3-Dichloropropene	0.437	0.505		15.56	20
cis-1,3-Dichloropropene	0.506	0.581		14.82	20
1,1,2-Trichloroethane	0.244	0.264		8.2	20
2-Hexanone	0.143	0.163		13.99	20
Dibromochloromethane	0.315	0.346		9.84	20
1,2-Dibromoethane	0.228	0.245		7.46	20
Tetrachloroethene	0.472	0.476		0.85	20
Chlorobenzene	1.099	1.246	0.3	13.38	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	2.269		17.57	20
m/p-Xylenes	0.746	0.877		17.56	20
o-Xylene	0.703	0.823		17.07	20
Styrene	1.178	1.383		17.4	20
Bromoform	0.207	0.226	0.1	9.18	20
Isopropylbenzene	3.698	4.253		15.01	20
1,1,2,2-Tetrachloroethane	0.596	0.673	0.3	12.92	20
1,3-Dichlorobenzene	1.683	1.900		12.89	20
1,4-Dichlorobenzene	1.672	1.835		9.75	20
1,2-Dichlorobenzene	1.483	1.637		10.38	20
1,2-Dibromo-3-Chloropropane	0.101	0.103		1.98	20
1,2,4-Trichlorobenzene	0.838	0.896		6.92	20
1,2,3-Trichlorobenzene	0.724	0.731		0.97	20
1,2-Dichloroethane-d4	0.558	0.559		0.18	20
Dibromofluoromethane	0.304	0.316		3.95	20
Toluene-d8	1.207	1.257		4.14	20
4-Bromofluorobenzene	0.388	0.412		6.19	20

All other compounds must meet a minimum RRF of 0.010.
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