

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3719</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>11/25/2025 09:00</u>
Lab File ID:	<u>VW032529.D</u>	Init. Calib. Date(s):	<u>11/10/2025 11/10/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>15:11 17:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.254	0.272		7.09	20
Chloromethane	0.435	0.456	0.1	4.83	20
Vinyl Chloride	0.549	0.602		9.65	20
Bromomethane	0.367	0.383		4.36	20
Chloroethane	0.359	0.379		5.57	20
Trichlorofluoromethane	0.430	0.418		-2.79	20
1,1,2-Trichlorotrifluoroethane	0.469	0.520		10.87	20
1,1-Dichloroethene	0.537	0.579		7.82	20
Acetone	0.193	0.192		-0.52	20
Carbon Disulfide	1.588	1.667		4.97	20
Methyl tert-butyl Ether	1.133	1.160		2.38	20
Methyl Acetate	0.478	0.525		9.83	20
Methylene Chloride	0.690	0.705		2.17	20
trans-1,2-Dichloroethene	0.615	0.669		8.78	20
1,1-Dichloroethane	1.153	1.289	0.1	11.8	20
Cyclohexane	1.066	1.125		5.53	20
2-Butanone	0.284	0.279		-1.76	20
Carbon Tetrachloride	0.392	0.440		12.24	20
cis-1,2-Dichloroethene	0.734	0.785		6.95	20
Bromochloromethane	0.545	0.573		5.14	20
Chloroform	1.129	1.268		12.31	20
1,1,1-Trichloroethane	0.806	0.892		10.67	20
Methylcyclohexane	0.571	0.622		8.93	20
Benzene	1.420	1.507		6.13	20
1,2-Dichloroethane	0.417	0.450		7.91	20
Trichloroethene	0.331	0.340		2.72	20
1,2-Dichloropropane	0.354	0.381		7.63	20
Bromodichloromethane	0.471	0.505		7.22	20
4-Methyl-2-Pentanone	0.321	0.340		5.92	20
Toluene	0.877	0.963		9.81	20
t-1,3-Dichloropropene	0.486	0.510		4.94	20
cis-1,3-Dichloropropene	0.562	0.601		6.94	20
1,1,2-Trichloroethane	0.284	0.300		5.63	20
2-Hexanone	0.235	0.238		1.28	20
Dibromochloromethane	0.317	0.330		4.1	20
1,2-Dibromoethane	0.276	0.285		3.26	20
Tetrachloroethene	0.296	0.321		8.45	20
Chlorobenzene	1.078	1.128	0.3	4.64	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	1.865	2.017		8.15	20
m/p-Xylenes	0.700	0.779		11.29	20
o-Xylene	0.670	0.721		7.61	20
Styrene	1.153	1.277		10.76	20
Bromoform	0.198	0.210	0.1	6.06	20
Isopropylbenzene	3.672	3.963		7.93	20
1,1,2,2-Tetrachloroethane	0.871	0.929	0.3	6.66	20
1,3-Dichlorobenzene	1.648	1.853		12.44	20
1,4-Dichlorobenzene	1.689	1.832		8.47	20
1,2-Dichlorobenzene	1.513	1.593		5.29	20
1,2-Dibromo-3-Chloropropane	0.150	0.152		1.33	20
1,2,4-Trichlorobenzene	0.963	0.957		-0.62	20
1,2,3-Trichlorobenzene	0.874	0.921		5.38	20
1,2-Dichloroethane-d4	0.645	0.672		4.19	20
Dibromofluoromethane	0.299	0.310		3.68	20
Toluene-d8	1.148	1.197		4.27	20
4-Bromofluorobenzene	0.434	0.438		0.92	20

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