

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETRO6</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3017</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/04/2025 10:54</u>
Lab File ID:	<u>VN087714.D</u>	Init. Calib. Date(s):	<u>08/05/2025 08/05/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>13:37 15:01</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.959	1.866		-4.75	
Chloromethane	2.010	1.986		-1.19	
Vinyl Chloride	2.131	2.243	0.1	5.26	
Bromomethane	1.154	1.401	0.1	21.4	
Chloroethane	1.374	1.554		13.1	
Trichlorofluoromethane	3.067	3.309		7.89	
1,1,2-Trichlorotrifluoroethane	1.564	1.932		23.53	
1,1-Dichloroethene	1.643	1.813	0.1	10.35	
Acetone	0.378	0.415		9.79	
Carbon Disulfide	5.097	4.692		-7.95	
Methyl tert-Butyl Ether	7.487	6.633		-11.41	
Methyl Acetate	3.032	3.414		12.6	
Methylene Chloride	2.115	2.111		-0.19	
trans-1,2-Dichloroethene	1.954	1.795		-8.14	
1,1-Dichloroethane	3.944	3.822	0.2	-3.09	
Cyclohexane	0.567	0.533		-6	
2-Butanone	0.361	0.349		-3.32	
Carbon Tetrachloride	0.518	0.535	0.1	3.28	
cis-1,2-Dichloroethene	2.404	2.299		-4.37	
Chloroform	4.116	4.110	0.2	-0.15	
1,1,1-Trichloroethane	0.624	0.649	0.1	4.01	
Methylcyclohexane	0.568	0.516		-9.15	
Benzene	1.545	1.589	0.5	2.85	
1,2-Dichloroethane	0.624	0.634	0.1	1.6	
Trichloroethene	0.340	0.353	0.3	3.82	
1,2-Dichloropropane	0.396	0.424		7.07	
Bromodichloromethane	0.617	0.630	0.2	2.11	
4-Methyl-2-Pentanone	0.772	0.767		-0.65	
Toluene	1.852	1.893	0.4	2.21	
t-1,3-Dichloropropene	0.672	0.655	0.1	-2.53	
cis-1,3-Dichloropropene	0.676	0.679	0.2	0.44	
1,1,2-Trichloroethane	0.375	0.414	0.1	10.4	
2-Hexanone	0.524	0.501		-4.39	
Dibromochloromethane	0.434	0.444	0.1	2.3	
1,2-Dibromoethane	0.399	0.402		0.75	
Tetrachloroethene	0.292	0.310	0.2	6.16	
Chlorobenzene	1.138	1.183	0.5	3.95	
Ethyl Benzene	2.064	2.036	0.1	-1.36	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3017</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/04/2025 10:54</u>
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COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
m/p-Xylenes	0.758	0.763	0.3	0.66	
o-Xylene	0.745	0.703	0.3	-5.64	
Styrene	1.273	1.239	0.3	-2.67	
Bromoform	0.287	0.279	0.1	-2.79	
Isopropylbenzene	1.893	1.852		-2.17	
1,1,2,2-Tetrachloroethane	0.649	0.708	0.3	9.09	
1,3,5-Trimethylbenzene	1.621	1.616		-0.31	
1,3-Dichlorobenzene	0.836	0.893	0.2	6.82	
1,4-Dichlorobenzene	0.847	0.928	0.2	9.56	
1,2-Dichlorobenzene	0.798	0.850	0.2	6.52	
1,2-Dibromo-3-Chloropropane	0.164	0.148		-9.76	
1,2,4-Trichlorobenzene	0.477	0.473	0.2	-0.84	
1,2,3-Trichlorobenzene	0.477	0.473		-0.84	
1,2-Dichloroethane-d4	2.767	2.576	0.01	-6.9	
Toluene-d8	1.380	1.399	0.01	1.38	
4-Bromofluorobenzene	0.516	0.504	0.2	-2.33	

All other compounds must meet a minimum RRF of 0.010.
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