284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: RTPE01
Lab Code: ACE
SDG No.: Q3132
Instrument ID: MSVOA_L
Calibration Date/Time: 09/22/2025 09:39
Lab File ID: VL042950.D
Init. Calib. Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:39 13:05
GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.345	1.248		-7.21	
Chloromethane	0.609	0.560		-8.05	
Vinyl Chloride	0.550	0.470		-14.55	
Bromomethane	0.194	0.166		-14.43	
Chloroethane	0.214	0.196		-8.41	
Tetrahydrofuran	0.403	0.389		-3.47	
Trichlorofluoromethane	1.297	1.199		-7.56	
1,1,2-Trichlorotrifluoroethane	1.050	0.963		-8.29	
Dichlorotetrafluoroethane	1.148	1.047		-8.8	
tert-Butyl alcohol	1.429	1.351		-5.46	
Heptane	1.946	1.870		-3.9	
1,1-Dichloroethene	0.486	0.446		-8.23	
Acetone	1.302	0.993		-23.73	
Carbon Disulfide	1.346	1.271		-5.57	
Methyl tert-Butyl Ether	0.780	0.638		-18.2	
Methylene Chloride	0.545	0.388		-28.81	
trans-1,2-Dichloroethene	0.552	0.507		-8.15	
1,1-Dichloroethane	1.083	0.993		-8.31	
Cyclohexane	1.255	1.193		-4.94	
2-Butanone	0.701	0.655		-6.56	
Carbon Tetrachloride	0.651	0.610		-6.3	
cis-1,2-Dichloroethene	1.406	1.357		-3.48	
Chloroform	1.962	1.848		-5.81	
1,1,1-Trichloroethane	2.119	1.902		-10.24	
2,2,4-Trimethylpentane	1.622	1.563		-3.64	
Benzene	0.939	0.898		-4.37	
1,2-Dichloroethane	0.494	0.470		-4.86	
Trichloroethene	0.467	0.426		-8.78	
1,2-Dichloropropane	0.343	0.327		-4.66	
Bromodichloromethane	0.688	0.681		-1.02	
4-Methyl-2-Pentanone	0.939	0.934		-0.53	
Toluene	1.111	1.078		-2.97	
t-1,3-Dichloropropene	0.410	0.409		-0.24	
cis-1,3-Dichloropropene	0.522	0.523		0.19	
1,1,2-Trichloroethane	0.362	0.344		-4.97	
Dibromochloromethane	0.580	0.571		-1.55	
1,2-Dibromoethane	0.510	0.490		-3.92	
Tetrachloroethene	0.363	0.325		-10.47	

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	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	0.913	0.853		-6.57	
Ethyl Benzene	1.642	1.570		-4.39	
m/p-Xylene	1.295	1.225		-5.41	
o-Xylene	1.294	1.221		-5.64	
Styrene	0.612	0.602		-1.63	
Bromoform	0.504	0.508		0.79	
1,1,2,2-Tetrachloroethane	0.680	0.610		-10.29	
2-Chlorotoluene	1.456	1.373		-5.7	
1,3,5-Trimethylbenzene	1.314	1.263		-3.88	
1,2,4-Trimethylbenzene	1.451	1.349		-7.03	
1,3-Dichlorobenzene	0.900	0.845		-6.11	
1,4-Dichlorobenzene	0.894	0.845		-5.48	
1,2-Dichlorobenzene	0.856	0.796		-7.01	
1,2,4-Trichlorobenzene	0.686	0.718		4.66	
Hexachloro-1,3-Butadiene	0.670	0.575		-14.18	
1,3-Butadiene	0.614	0.520		-15.31	
Naphthalene	1.283	1.373		7.01	
4-Ethyltoluene	1.621	1.523		-6.05	
1-Bromo-4-Fluorobenzene	0.746	0.763		2.28	
Hexane	1.501	1.398		-6.86	
Allyl Chloride	0.907	0.857		-5.51	
1,4-Dioxane	159.404	147.887		-7.22	
Methyl Methacrylate	0.384	0.368		-4.17	

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