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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GFEL01
Lab Code: ACE
SDG No.: Q2794
Instrument ID: MSVOA_L
Calibration Date/Time: 08/13/2025 08:30
Lab File ID: VL042842.D
Init. Calib. Date(s): 08/13/2025 08/13/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 08:30 12:06
GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.466	1.343		-8.39	
Chloromethane	0.591	0.533		-9.81	
Vinyl Chloride	0.582	0.502		-13.75	
Bromomethane	0.233	0.203		-12.88	
Chloroethane	0.227	0.202		-11.01	
Tetrahydrofuran	0.376	0.355		-5.59	
Trichlorofluoromethane	1.446	1.271		-12.1	
1,1,2-Trichlorotrifluoroethane	1.152	1.047		-9.11	
Dichlorotetrafluoroethane	1.199	1.122		-6.42	
tert-Butyl alcohol	1.569	1.371		-12.62	
Heptane	1.874	1.718		-8.32	
1,1-Dichloroethene	0.507	0.469		-7.49	
Acetone	1.323	0.950		-28.19	
Carbon Disulfide	1.438	1.314		-8.62	
Methyl tert-Butyl Ether	0.754	0.661		-12.33	
Methylene Chloride	0.554	0.414		-25.27	
trans-1,2-Dichloroethene	0.586	0.537		-8.36	
1,1-Dichloroethane	1.171	1.040		-11.19	
Cyclohexane	1.296	1.214		-6.33	
2-Butanone	0.675	0.610		-9.63	
Carbon Tetrachloride	0.689	0.636		-7.69	
cis-1,2-Dichloroethene	1.476	1.346		-8.81	
Chloroform	2.110	1.932		-8.44	
1,1,1-Trichloroethane	2.230	1.999		-10.36	
2,2,4-Trimethylpentane	1.625	1.515		-6.77	
Benzene	0.958	0.912		-4.8	
1,2-Dichloroethane	0.500	0.483		-3.4	
Trichloroethene	0.437	0.399		-8.7	
1,2-Dichloropropane	0.350	0.324		-7.43	
Bromodichloromethane	0.745	0.708		-4.97	
4-Methyl-2-Pentanone	0.913	0.881		-3.51	
Toluene	1.138	1.072		-5.8	
t-1,3-Dichloropropene	0.445	0.428		-3.82	
cis-1,3-Dichloropropene	0.555	0.539		-2.88	
1,1,2-Trichloroethane	0.371	0.341		-8.09	
Dibromochloromethane	0.600	0.584		-2.67	
1,2-Dibromoethane	0.542	0.506		-6.64	
Tetrachloroethene	0.346	0.313		-9.54	

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	0.951	0.878		-7.68	
Ethyl Benzene	1.765	1.636		-7.31	
m/p-Xylene	1.383	1.283		-7.23	
o-Xylene	1.391	1.266		-8.99	
Styrene	0.652	0.610		-6.44	
Bromoform	0.495	0.491		-0.81	
1,1,2,2-Tetrachloroethane	0.765	0.674		-11.9	
2-Chlorotoluene	1.579	1.418		-10.2	
1,3,5-Trimethylbenzene	1.434	1.293		-9.83	
1,2,4-Trimethylbenzene	1.574	1.394		-11.44	
1,3-Dichlorobenzene	0.895	0.831		-7.15	
1,4-Dichlorobenzene	0.905	0.833		-7.96	
1,2-Dichlorobenzene	0.876	0.781		-10.85	
1,2,4-Trichlorobenzene	0.717	0.661		-7.81	
Hexachloro-1,3-Butadiene	0.718	0.572		-20.33	
1,3-Butadiene	0.600	0.500		-16.67	
Naphthalene	1.427	1.315		-7.85	
4-Ethyltoluene	1.687	1.563		-7.35	
1-Bromo-4-Fluorobenzene	0.750	0.755		0.67	
Hexane	1.478	1.392		-5.82	
Allyl Chloride	0.935	0.850		-9.09	
1,4-Dioxane	166.304	148.388		-10.77	
Methyl Methacrylate	0.394	0.368		-6.6	

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