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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG No.: Q3373
Instrument ID: MSVOA_N
Calibration Date/Time: 10/24/2025 12:28
Lab File ID: VN088087.D
Init. Calib. Date(s): 10/23/2025 10/23/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:42 12:02
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.564	0.591		4.79	20
Chloromethane	0.664	0.668	0.1	0.6	20
Vinyl Chloride	0.723	0.726		0.41	20
Ethyl Acetate	0.633	0.675		6.64	20
Bromomethane	0.432	0.392		-9.26	20
Chloroethane	0.521	0.467		-10.36	20
Trichlorofluoromethane	1.153	1.077		-6.59	20
1,1,2-Trichlorotrifluoroethane	0.595	0.591		-0.67	20
Tert butyl alcohol	0.149	0.159		6.71	20
1,1-Dichloroethene	0.628	0.585		-6.85	20
Acrolein	0.168	0.163		-2.98	20
Acrylonitrile	0.406	0.430		5.91	20
Acetone	0.434	0.382		-11.98	20
Carbon Disulfide	1.910	1.946		1.88	20
Methyl tert-butyl Ether	2.308	2.372		2.77	20
Methyl Acetate	0.889	0.969		9	20
Methylene Chloride	0.729	0.720		-1.24	20
trans-1,2-Dichloroethene	0.690	0.671		-2.75	20
Vinyl Acetate	2.087	2.259		8.24	20
1,1-Dichloroethane	1.283	1.342	0.1	4.6	20
Cyclohexane	1.210	1.192		-1.49	20
2-Butanone	0.572	0.593		3.67	20
Carbon Tetrachloride	0.507	0.549		8.28	20
2,2-Dichloropropane	1.166	1.102		-5.57	20
cis-1,2-Dichloroethene	0.794	0.797		0.38	20
Bromochloromethane	0.606	0.625		3.13	20
Chloroform	1.282	1.336		4.21	20
1,1,1-Trichloroethane	1.142	1.159		1.49	20
Methylcyclohexane	0.630	0.647		2.7	20
1,1-Dichloropropene	0.490	0.526		7.35	20
Benzene	1.494	1.578		5.62	20
1,2-Dichloroethane	0.531	0.608		14.5	20
Trichloroethene	0.349	0.364		4.3	20
1,2-Dichloropropane	0.377	0.399		5.84	20
Dibromomethane	0.269	0.291		8.18	20
Bromodichloromethane	0.538	0.591		9.85	20
4-Methyl-2-Pentanone	0.575	0.647		12.52	20
Toluene	0.921	0.948		2.93	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
t-1,3-Dichloropropene	0.573	0.614		7.16	20
cis-1,3-Dichloropropene	0.608	0.649		6.74	20
1,1,2-Trichloroethane	0.349	0.358		2.58	20
1,3-Dichloropropane	0.614	0.659		7.33	20
2-Chloroethyl Vinyl ether	0.288	0.330		14.58	20
2-Hexanone	0.382	0.444		16.23	20
Dibromochloromethane	0.397	0.420		5.79	20
1,2-Dibromoethane	0.360	0.374		3.89	20
Tetrachloroethene	0.330	0.343		3.94	20
Chlorobenzene	1.135	1.183	0.3	4.23	20
1,1,1,2-Tetrachloroethane	0.372	0.402		8.06	20
Hexachloroethane	0.653	0.664		1.68	20
Ethyl Benzene	1.993	2.130		6.87	20
m/p-Xylenes	0.747	0.797		6.69	20
o-Xylene	0.708	0.764		7.91	20
Styrene	1.154	1.312		13.69	20
Bromoform	0.278	0.309	0.1	11.15	20
Isopropylbenzene	3.856	4.012		4.05	20
1,1,2,2-Tetrachloroethane	1.201	1.237	0.3	3	20
1,2,3-Trichloropropane	1.143	1.205		5.42	20
Bromobenzene	0.832	0.874		5.05	20
n-propylbenzene	4.706	4.969		5.59	20
2-Chlorotoluene	2.684	2.927		9.05	20
1,3,5-Trimethylbenzene	3.203	3.418		6.71	20
4-Chlorotoluene	2.904	3.014		3.79	20
tert-Butylbenzene	2.861	2.948		3.04	20
1,2,4-Trimethylbenzene	3.204	3.455		7.83	20
sec-Butylbenzene	4.203	4.306		2.45	20
p-Isopropyltoluene	3.372	3.609		7.03	20
1,3-Dichlorobenzene	1.660	1.743		5	20
1,4-Dichlorobenzene	1.783	1.755		-1.57	20
n-Butylbenzene	3.340	3.495		4.64	20
1,2-Dichlorobenzene	1.600	1.633		2.06	20
1,2-Dibromo-3-Chloropropane	0.279	0.295		5.74	20
1,2,4-Trichlorobenzene	0.969	1.009		4.13	20
Hexachlorobutadiene	0.361	0.378		4.71	20
Naphthalene	3.320	3.458		4.16	20
1,2,3-Trichlorobenzene	0.929	0.951		2.37	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.865	0.922		6.59	20
Dibromofluoromethane	0.336	0.345		2.68	20
Toluene-d8	1.294	1.331		2.86	20
4-Bromofluorobenzene	0.457	0.491		7.44	20

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