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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ROYF02
Lab Code: ACE
SDG No.: Q3447
Instrument ID: MSVOA_N
Calibration Date/Time: 10/31/2025 09:18
Lab File ID: VN088173.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	0.531		-5.85	20
Chloromethane	0.664	0.649	0.1	-2.26	20
Vinyl Chloride	0.723	0.710		-1.8	20
Bromomethane	0.432	0.441		2.08	20
Chloroethane	0.521	0.483		-7.29	20
Trichlorofluoromethane	1.153	1.046		-9.28	20
1,1,2-Trichlorotrifluoroethane	0.595	0.557		-6.39	20
1,1-Dichloroethene	0.628	0.577		-8.12	20
Acetone	0.434	0.484		11.52	20
Carbon Disulfide	1.910	1.754		-8.17	20
Methyl tert-butyl Ether	2.308	2.708		17.33	20
Methyl Acetate	0.889	1.062		19.46	20
Methylene Chloride	0.729	0.770		5.62	20
trans-1,2-Dichloroethene	0.690	0.692		0.29	20
1,1-Dichloroethane	1.283	1.435	0.1	11.85	20
Cyclohexane	1.210	1.123		-7.19	20
2-Butanone	0.572	0.676		18.18	20
Carbon Tetrachloride	0.507	0.518		2.17	20
cis-1,2-Dichloroethene	0.794	0.860		8.31	20
Bromochloromethane	0.606	0.704		16.17	20
Chloroform	1.282	1.429		11.47	20
1,1,1-Trichloroethane	1.142	1.197		4.82	20
Methylcyclohexane	0.630	0.521		-17.3	20
Benzene	1.494	1.567		4.89	20
1,2-Dichloroethane	0.531	0.629		18.46	20
Trichloroethene	0.349	0.356		2.01	20
1,2-Dichloropropane	0.377	0.406		7.69	20
Bromodichloromethane	0.538	0.609		13.2	20
4-Methyl-2-Pentanone	0.575	0.673		17.04	20
Toluene	0.921	0.982		6.62	20
t-1,3-Dichloropropene	0.573	0.681		18.85	20
cis-1,3-Dichloropropene	0.608	0.696		14.47	20
1,1,2-Trichloroethane	0.349	0.375		7.45	20
2-Hexanone	0.382	0.476		24.61	20
Dibromochloromethane	0.397	0.443		11.59	20
1,2-Dibromoethane	0.360	0.395		9.72	20
Tetrachloroethene	0.330	0.320		-3.03	20
Chlorobenzene	1.135	1.187	0.3	4.58	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	1.993	2.125		6.62	20
m/p-Xylenes	0.747	0.787		5.36	20
o-Xylene	0.708	0.770		8.76	20
Styrene	1.154	1.322		14.56	20
Bromoform	0.278	0.319	0.1	14.75	20
Isopropylbenzene	3.856	3.985		3.35	20
1,1,2,2-Tetrachloroethane	1.201	1.303	0.3	8.49	20
1,3-Dichlorobenzene	1.660	1.774		6.87	20
1,4-Dichlorobenzene	1.783	1.830		2.64	20
1,2-Dichlorobenzene	1.600	1.694		5.88	20
1,2-Dibromo-3-Chloropropane	0.279	0.328		17.56	20
1,2,4-Trichlorobenzene	0.969	0.953		-1.65	20
1,2,3-Trichlorobenzene	0.929	0.907		-2.37	20
1,2-Dichloroethane-d4	0.865	0.986		13.99	20
Dibromofluoromethane	0.336	0.348		3.57	20
Toluene-d8	1.294	1.284		-0.77	20
4-Bromofluorobenzene	0.457	0.482		5.47	20

All other compounds must meet a minimum RRF of 0.010.
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