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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG No.: Q2936
Instrument ID: MSVOA_N
Calibration Date/Time: 08/22/2025 09:16
Lab File ID: VN087628.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.679		-4.37	20
Chloromethane	0.730	0.681	0.1	-6.71	20
Vinyl Chloride	0.846	0.767		-9.34	20
Bromomethane	0.437	0.424		-2.97	20
Chloroethane	0.595	0.494		-16.98	20
Trichlorofluoromethane	1.240	1.096		-11.61	20
1,1,2-Trichlorotrifluoroethane	0.701	0.600		-14.41	20
1,1-Dichloroethene	0.721	0.601		-16.64	20
Acetone	0.558	0.441		-20.97	20
Carbon Disulfide	1.985	1.733		-12.69	20
Methyl tert-butyl Ether	2.704	2.325		-14.02	20
Methyl Acetate	1.168	0.962		-17.64	20
Methylene Chloride	0.948	0.708		-25.32	20
trans-1,2-Dichloroethene	0.781	0.645		-17.41	20
1,1-Dichloroethane	1.546	1.280	0.1	-17.21	20
Cyclohexane	1.289	1.096		-14.97	20
2-Butanone	0.734	0.598		-18.53	20
Carbon Tetrachloride	0.547	0.489		-10.6	20
cis-1,2-Dichloroethene	0.934	0.772		-17.34	20
Bromochloromethane	0.747	0.666		-10.84	20
Chloroform	1.578	1.337		-15.27	20
1,1,1-Trichloroethane	1.337	1.127		-15.71	20
Methylcyclohexane	0.610	0.520		-14.75	20
Benzene	1.699	1.461		-14.01	20
1,2-Dichloroethane	0.653	0.552		-15.47	20
Trichloroethene	0.388	0.326		-15.98	20
1,2-Dichloropropane	0.448	0.373		-16.74	20
Bromodichloromethane	0.653	0.559		-14.4	20
4-Methyl-2-Pentanone	0.713	0.611		-14.31	20
Toluene	1.053	0.898		-14.72	20
t-1,3-Dichloropropene	0.676	0.604		-10.65	20
cis-1,3-Dichloropropene	0.702	0.621		-11.54	20
1,1,2-Trichloroethane	0.407	0.348		-14.5	20
2-Hexanone	0.451	0.424		-5.99	20
Dibromochloromethane	0.472	0.400		-15.25	20
1,2-Dibromoethane	0.430	0.371		-13.72	20
Tetrachloroethene	0.347	0.281		-19.02	20
Chlorobenzene	1.244	1.054	0.3	-15.27	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	2.154	1.905		-11.56	20
m/p-Xylenes	0.790	0.715		-9.49	20
o-Xylene	0.774	0.678		-12.4	20
Styrene	1.297	1.191		-8.17	20
Bromoform	0.317	0.288	0.1	-9.15	20
Isopropylbenzene	4.040	3.595		-11.02	20
1,1,2,2-Tetrachloroethane	1.391	1.185	0.3	-14.81	20
1,3-Dichlorobenzene	1.876	1.610		-14.18	20
1,4-Dichlorobenzene	1.952	1.632		-16.39	20
1,2-Dichlorobenzene	1.780	1.525		-14.33	20
1,2-Dibromo-3-Chloropropane	0.330	0.270		-18.18	20
1,2,4-Trichlorobenzene	1.069	0.904		-15.44	20
1,2,3-Trichlorobenzene	1.045	0.875		-16.27	20
1,2-Dichloroethane-d4	1.024	0.925		-9.67	20
Dibromofluoromethane	0.361	0.327		-9.42	20
Toluene-d8	1.351	1.221		-9.62	20
4-Bromofluorobenzene	0.481	0.443		-7.9	20

All other compounds must meet a minimum RRF of 0.010.
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