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.: Q3393
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/20/2025 09:10
Lab File ID: VY023495.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.313		-13.06	20
Chloromethane	0.490	0.411	0.1	-16.12	20
Vinyl Chloride	0.639	0.566		-11.42	20
Bromomethane	0.536	0.473		-11.75	20
Chloroethane	0.435	0.409		-5.98	20
Trichlorofluoromethane	0.887	0.849		-4.28	20
1,1,2-Trichlorotrifluoroethane	0.460	0.460		0	20
1,1-Dichloroethene	0.446	0.432		-3.14	20
Acetone	0.100	0.098		-2	20
Carbon Disulfide	1.277	1.195		-6.42	20
Methyl tert-butyl Ether	1.072	1.041		-2.89	20
Methyl Acetate	0.261	0.266		1.92	20
Methylene Chloride	0.538	0.486		-9.66	20
trans-1,2-Dichloroethene	0.491	0.495		0.81	20
1,1-Dichloroethane	0.796	0.781	0.1	-1.88	20
Cyclohexane	0.696	0.625		-10.2	20
2-Butanone	0.122	0.109		-10.66	20
Carbon Tetrachloride	0.493	0.541		9.74	20
cis-1,2-Dichloroethene	0.567	0.587		3.53	20
Bromochloromethane	0.297	0.251		-15.49	20
Chloroform	0.875	0.897		2.51	20
1,1,1-Trichloroethane	0.795	0.812		2.14	20
Methylcyclohexane	0.530	0.553		4.34	20
Benzene	1.288	1.374		6.68	20
1,2-Dichloroethane	0.332	0.341		2.71	20
Trichloroethene	0.377	0.407		7.96	20
1,2-Dichloropropane	0.285	0.306		7.37	20
Bromodichloromethane	0.453	0.495		9.27	20
4-Methyl-2-Pentanone	0.166	0.166		0	20
Toluene	0.836	0.928		11.01	20
t-1,3-Dichloropropene	0.394	0.415		5.33	20
cis-1,3-Dichloropropene	0.465	0.498		7.1	20
1,1,2-Trichloroethane	0.242	0.265		9.5	20
2-Hexanone	0.119	0.120		0.84	20
Dibromochloromethane	0.339	0.380		12.09	20
1,2-Dibromoethane	0.231	0.247		6.93	20
Tetrachloroethene	0.516	0.560		8.53	20
Chlorobenzene	1.087	1.159	0.3	6.62	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	1.760	1.910		8.52	20
m/p-Xylenes	0.706	0.781		10.62	20
o-Xylene	0.662	0.731		10.42	20
Styrene	1.089	1.231		13.04	20
Bromoform	0.240	0.262	0.1	9.17	20
Isopropylbenzene	3.295	3.555		7.89	20
1,1,2,2-Tetrachloroethane	0.539	0.552	0.3	2.41	20
1,3-Dichlorobenzene	1.706	1.790		4.92	20
1,4-Dichlorobenzene	1.685	1.748		3.74	20
1,2-Dichlorobenzene	1.496	1.577		5.41	20
1,2-Dibromo-3-Chloropropane	0.088	0.085		-3.41	20
1,2,4-Trichlorobenzene	0.932	0.949		1.82	20
1,2,3-Trichlorobenzene	0.808	0.813		0.62	20
1,2-Dichloroethane-d4	0.418	0.377		-9.81	20
Dibromofluoromethane	0.307	0.316		2.93	20
Toluene-d8	1.144	1.163		1.66	20
4-Bromofluorobenzene	0.378	0.379		0.26	20

All other compounds must meet a minimum RRF of 0.010.
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