284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1608 SAS No.: Q1608 SDG No.: Q1608

Instrument ID: MSVOA_X Calibration Date/Time: 03/24/2025 10:26

Lab File ID: VX045403.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.636		1.11	20
Chloromethane	0.770	0.634	0.1	-17.66	20
Vinyl Chloride	0.764	0.640		-16.23	20
Bromomethane	0.300	0.286		-4.67	20
Chloroethane	0.352	0.365		3.69	20
Trichlorofluoromethane	1.012	1.008		-0.4	20
1,1,2-Trichlorotrifluoroethane	0.581	0.678		16.69	20
1,1-Dichloroethene	0.614	0.616		0.33	20
Acetone	0.369	0.381		3.25	20
Carbon Disulfide	1.636	1.320		-19.32	20
Methyl tert-butyl Ether	2.061	2.217		7.57	20
Methyl Acetate	0.888	1.241		39.75	20
Methylene Chloride	0.731	0.714		-2.33	20
trans-1,2-Dichloroethene	0.607	0.605		-0.33	20
1,1-Dichloroethane	1.247	1.322	0.1	6.01	20
Cyclohexane	1.082	1.060		-2.03	20
2-Butanone	0.555	0.595		7.21	20
Carbon Tetrachloride	0.465	0.542		16.56	20
cis-1,2-Dichloroethene	0.749	0.780		4.14	20
Bromochloromethane	0.594	0.548		-7.74	20
Chloroform	1.239	1.334		7.67	20
1,1,1-Trichloroethane	1.000	1.117		11.7	20
Methylcyclohexane	0.549	0.606		10.38	20
Benzene	1.448	1.518		4.83	20
1,2-Dichloroethane	0.521	0.606		16.32	20
Trichloroethene	0.340	0.357		5	20
1,2-Dichloropropane	0.372	0.397		6.72	20
Bromodichloromethane	0.516	0.598		15.89	20
4-Methyl-2-Pentanone	0.587	0.651		10.9	20
Toluene	0.849	0.904		6.48	20
t-1,3-Dichloropropene	0.431	0.523		21.35	20
cis-1,3-Dichloropropene	0.503	0.602		19.68	20
1,1,2-Trichloroethane	0.350	0.377		7.71	20
2-Hexanone	0.425	0.471		10.82	20
Dibromochloromethane	0.366	0.428		16.94	20
1,2-Dibromoethane	0.349	0.377		7.74	20
Tetrachloroethene	0.320	0.360		12.5	20
Chlorobenzene	1.058	1.143	0.3	8.03	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	1.843	2.069		12.26	20
m/p-Xylenes	0.675	0.738		9.33	20
o-Xylene	0.681	0.734		7.78	20
Styrene	1.101	1.221		10.9	20
Bromoform	0.266	0.314	0.1	18.05	20
Isopropylbenzene	3.903	4.387		12.4	20
1,1,2,2-Tetrachloroethane	1.432	1.492	0.3	4.19	20
1,3-Dichlorobenzene	1.643	1.767		7.55	20
1,4-Dichlorobenzene	1.662	1.742		4.81	20
1,2-Dichlorobenzene	1.648	1.762		6.92	20
1,2-Dibromo-3-Chloropropane	0.279	0.327		17.2	20
1,2,4-Trichlorobenzene	0.938	1.073		14.39	20
1,2,3-Trichlorobenzene	0.990	1.103		11.41	20
1,2-Dichloroethane-d4	0.795	0.765		-3.77	20
Dibromofluoromethane	0.334	0.330		-1.2	20
Toluene-d8	1.212	1.102		-9.08	20
4-Bromofluorobenzene	0.402	0.384		-4.48	20

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