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 20:42

Lab File ID: VX045429.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	0.579		-7.95	50
Chloromethane	0.770	0.684	0.1	-11.17	50
Vinyl Chloride	0.764	0.638		-16.49	50
Bromomethane	0.300	0.289		-3.67	50
Chloroethane	0.352	0.364		3.41	50
Trichlorofluoromethane	1.012	0.978		-3.36	50
1,1,2-Trichlorotrifluoroethane	0.581	0.608		4.65	50
1,1-Dichloroethene	0.614	0.594		-3.26	50
Acetone	0.369	0.392		6.23	50
Carbon Disulfide	1.636	1.158		-29.22	50
Methyl tert-butyl Ether	2.061	2.176		5.58	50
Methyl Acetate	0.888	1.242		39.87	50
Methylene Chloride	0.731	0.723		-1.09	50
trans-1,2-Dichloroethene	0.607	0.595		-1.98	50
1,1-Dichloroethane	1.247	1.304	0.1	4.57	50
Cyclohexane	1.082	1.013		-6.38	50
2-Butanone	0.555	0.601		8.29	50
Carbon Tetrachloride	0.465	0.506		8.82	50
cis-1,2-Dichloroethene	0.749	0.769		2.67	50
Bromochloromethane	0.594	0.609		2.53	50
Chloroform	1.239	1.354		9.28	50
1,1,1-Trichloroethane	1.000	1.091		9.1	50
Methylcyclohexane	0.549	0.532		-3.1	50
Benzene	1.448	1.482		2.35	50
1,2-Dichloroethane	0.521	0.618		18.62	50
Trichloroethene	0.340	0.346		1.76	50
1,2-Dichloropropane	0.372	0.394		5.91	50
Bromodichloromethane	0.516	0.580		12.4	50
4-Methyl-2-Pentanone	0.587	0.688		17.21	50
Toluene	0.849	0.905		6.6	50
t-1,3-Dichloropropene	0.431	0.490		13.69	50
cis-1,3-Dichloropropene	0.503	0.555		10.34	50
1,1,2-Trichloroethane	0.350	0.385		10	50
2-Hexanone	0.425	0.500		17.65	50
Dibromochloromethane	0.366	0.419		14.48	50
1,2-Dibromoethane	0.349	0.385		10.31	50
Tetrachloroethene	0.320	0.319		-0.31	50
Chlorobenzene	1.058	1.098	0.3	3.78	50

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	1.963		6.51	50
m/p-Xylenes	0.675	0.711		5.33	50
o-Xylene	0.681	0.714		4.85	50
Styrene	1.101	1.234		12.08	50
Bromoform	0.266	0.297	0.1	11.65	50
Isopropylbenzene	3.903	4.022		3.05	50
1,1,2,2-Tetrachloroethane	1.432	1.449	0.3	1.19	50
1,3-Dichlorobenzene	1.643	1.675		1.95	50
1,4-Dichlorobenzene	1.662	1.683		1.26	50
1,2-Dichlorobenzene	1.648	1.699		3.1	50
1,2-Dibromo-3-Chloropropane	0.279	0.308		10.39	50
1,2,4-Trichlorobenzene	0.938	0.977		4.16	50
1,2,3-Trichlorobenzene	0.990	1.015		2.53	50
1,2-Dichloroethane-d4	0.795	0.917		15.35	50
Dibromofluoromethane	0.334	0.375		12.27	50
Toluene-d8	1.212	1.277		5.36	50
4-Bromofluorobenzene	0.402	0.475		18.16	50

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