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: 03/21/2025 20:41

Lab File ID: VX045401.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	0.594		-5.56	50
Chloromethane	0.770	0.665	0.1	-13.64	50
Vinyl Chloride	0.764	0.670		-12.3	50
Bromomethane	0.300	0.299		-0.33	50
Chloroethane	0.352	0.318		-9.66	50
Trichlorofluoromethane	1.012	1.001		-1.09	50
1,1,2-Trichlorotrifluoroethane	0.581	0.641		10.33	50
1,1-Dichloroethene	0.614	0.617		0.49	50
Acetone	0.369	0.402		8.94	50
Carbon Disulfide	1.636	1.252		-23.47	50
Methyl tert-butyl Ether	2.061	2.356		14.31	50
Methyl Acetate	0.888	1.318		48.42	50
Methylene Chloride	0.731	0.756		3.42	50
trans-1,2-Dichloroethene	0.607	0.628		3.46	50
1,1-Dichloroethane	1.247	1.379	0.1	10.59	50
Cyclohexane	1.082	1.047		-3.23	50
2-Butanone	0.555	0.630		13.51	50
Carbon Tetrachloride	0.465	0.523		12.47	50
cis-1,2-Dichloroethene	0.749	0.813		8.55	50
Bromochloromethane	0.594	0.686		15.49	50
Chloroform	1.239	1.447		16.79	50
1,1,1-Trichloroethane	1.000	1.146		14.6	50
Methylcyclohexane	0.549	0.568		3.46	50
Benzene	1.448	1.560		7.74	50
1,2-Dichloroethane	0.521	0.643		23.42	50
Trichloroethene	0.340	0.363		6.76	50
1,2-Dichloropropane	0.372	0.411		10.48	50
Bromodichloromethane	0.516	0.610		18.22	50
4-Methyl-2-Pentanone	0.587	0.687		17.04	50
Toluene	0.849	0.935		10.13	50
t-1,3-Dichloropropene	0.431	0.511		18.56	50
cis-1,3-Dichloropropene	0.503	0.587		16.7	50
1,1,2-Trichloroethane	0.350	0.393		12.29	50
2-Hexanone	0.425	0.501		17.88	50
Dibromochloromethane	0.366	0.422		15.3	50
1,2-Dibromoethane	0.349	0.397		13.75	50
Tetrachloroethene	0.320	0.342		6.88	50
Chlorobenzene	1.058	1.142	0.3	7.94	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	2.065		12.05	50
m/p-Xylenes	0.675	0.755		11.85	50
o-Xylene	0.681	0.735		7.93	50
Styrene	1.101	1.256		14.08	50
Bromoform	0.266	0.308	0.1	15.79	50
Isopropylbenzene	3.903	4.244		8.74	50
1,1,2,2-Tetrachloroethane	1.432	1.557	0.3	8.73	50
1,3-Dichlorobenzene	1.643	1.746		6.27	50
1,4-Dichlorobenzene	1.662	1.744		4.93	50
1,2-Dichlorobenzene	1.648	1.783		8.19	50
1,2-Dibromo-3-Chloropropane	0.279	0.332		19	50
1,2,4-Trichlorobenzene	0.938	1.069		13.97	50
1,2,3-Trichlorobenzene	0.990	1.092		10.3	50
1,2-Dichloroethane-d4	0.795	0.875		10.06	50
Dibromofluoromethane	0.334	0.358		7.19	50
Toluene-d8	1.212	1.198		-1.15	50
4-Bromofluorobenzene	0.402	0.422		4.97	50

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