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

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG No.: Q1746

Instrument ID: MSVOA_X Calibration Date/Time: 04/07/2025 09:17

Lab File ID: VX045614.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.831		11.1	20
Chloromethane	0.768	0.766	0.1	-0.26	20
Vinyl Chloride	0.703	0.707		0.57	20
Bromomethane	0.333	0.313		-6.01	20
Chloroethane	0.373	0.377		1.07	20
Trichlorofluoromethane	1.048	1.067		1.81	20
1,1,2-Trichlorotrifluoroethane	0.614	0.640		4.24	20
1,1-Dichloroethene	0.600	0.585		-2.5	20
Acetone	0.375	0.452		20.53	20
Carbon Disulfide	1.483	1.472		-0.74	20
Methyl tert-butyl Ether	2.100	2.074		-1.24	20
Methyl Acetate	0.864	0.870		0.69	20
Methylene Chloride	0.703	0.671		-4.55	20
trans-1,2-Dichloroethene	0.613	0.591		-3.59	20
1,1-Dichloroethane	1.269	1.210	0.1	-4.65	20
Cyclohexane	1.122	1.080		-3.74	20
2-Butanone	0.550	0.578		5.09	20
Carbon Tetrachloride	0.518	0.538		3.86	20
cis-1,2-Dichloroethene	0.747	0.708		-5.22	20
Bromochloromethane	0.613	0.575		-6.2	20
Chloroform	1.306	1.259		-3.6	20
1,1,1-Trichloroethane	1.105	1.091		-1.27	20
Methylcyclohexane	0.587	0.628		6.99	20
Benzene	1.463	1.436		-1.85	20
1,2-Dichloroethane	0.604	0.605		0.17	20
Trichloroethene	0.348	0.346		-0.57	20
1,2-Dichloropropane	0.365	0.363		-0.55	20
Bromodichloromethane	0.560	0.581		3.75	20
4-Methyl-2-Pentanone	0.606	0.625		3.13	20
Toluene	0.885	0.881		-0.45	20
t-1,3-Dichloropropene	0.467	0.524		12.21	20
cis-1,3-Dichloropropene	0.526	0.578		9.89	20
1,1,2-Trichloroethane	0.353	0.349		-1.13	20
2-Hexanone	0.449	0.466		3.79	20
Dibromochloromethane	0.385	0.410		6.49	20
1,2-Dibromoethane	0.357	0.366		2.52	20
Tetrachloroethene	0.353	0.360		1.98	20
Chlorobenzene	1.068	1.067	0.3	-0.09	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	1.914	1.954		2.09	20
m/p-Xylenes	0.696	0.718		3.16	20
o-Xylene	0.686	0.706		2.91	20
Styrene	1.132	1.199		5.92	20
Bromoform	0.277	0.297	0.1	7.22	20
Isopropylbenzene	4.005	4.042		0.92	20
1,1,2,2-Tetrachloroethane	1.407	1.289	0.3	-8.39	20
1,3-Dichlorobenzene	1.684	1.681		-0.18	20
1,4-Dichlorobenzene	1.708	1.647		-3.57	20
1,2-Dichlorobenzene	1.675	1.648		-1.61	20
1,2-Dibromo-3-Chloropropane	0.294	0.311		5.78	20
1,2,4-Trichlorobenzene	0.932	0.991		6.33	20
1,2,3-Trichlorobenzene	0.976	1.015		4	20
1,2-Dichloroethane-d4	0.914	0.904		-1.09	20
Dibromofluoromethane	0.355	0.366		3.1	20
Toluene-d8	1.238	1.255		1.37	20
4-Bromofluorobenzene	0.451	0.480		6.43	20

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