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

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1739 SAS No.: Q1739 SDG No.: Q1739

Instrument ID: MSVOA_X Calibration Date/Time: 04/09/2025 10:35

Lab File ID: VX045664.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	0.814		8.82	20
Chloromethane	0.768	0.744	0.1	-3.13	20
Vinyl Chloride	0.703	0.690		-1.85	20
Bromomethane	0.333	0.317		-4.8	20
Chloroethane	0.373	0.395		5.9	20
Trichlorofluoromethane	1.048	1.090		4.01	20
1,1,2-Trichlorotrifluoroethane	0.614	0.649		5.7	20
1,1-Dichloroethene	0.600	0.586		-2.33	20
Acetone	0.375	0.349		-6.93	20
Carbon Disulfide	1.483	1.375		-7.28	20
Methyl tert-butyl Ether	2.100	2.157		2.71	20
Methyl Acetate	0.864	0.925		7.06	20
Methylene Chloride	0.703	0.685		-2.56	20
trans-1,2-Dichloroethene	0.613	0.609		-0.65	20
1,1-Dichloroethane	1.269	1.251	0.1	-1.42	20
Cyclohexane	1.122	1.092		-2.67	20
2-Butanone	0.550	0.538		-2.18	20
Carbon Tetrachloride	0.518	0.553		6.76	20
cis-1,2-Dichloroethene	0.747	0.734		-1.74	20
Bromochloromethane	0.613	0.565		-7.83	20
Chloroform	1.306	1.317		0.84	20
1,1,1-Trichloroethane	1.105	1.107		0.18	20
Methylcyclohexane	0.587	0.631		7.5	20
Benzene	1.463	1.461		-0.14	20
1,2-Dichloroethane	0.604	0.626		3.64	20
Trichloroethene	0.348	0.351		0.86	20
1,2-Dichloropropane	0.365	0.373		2.19	20
Bromodichloromethane	0.560	0.583		4.11	20
4-Methyl-2-Pentanone	0.606	0.631		4.13	20
Toluene	0.885	0.899		1.58	20
t-1,3-Dichloropropene	0.467	0.527		12.85	20
cis-1,3-Dichloropropene	0.526	0.585		11.22	20
1,1,2-Trichloroethane	0.353	0.360		1.98	20
2-Hexanone	0.449	0.470		4.68	20
Dibromochloromethane	0.385	0.409		6.23	20
1,2-Dibromoethane	0.357	0.371		3.92	20
Tetrachloroethene	0.353	0.373		5.67	20
Chlorobenzene	1.068	1.118	0.3	4.68	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	2.034		6.27	20
m/p-Xylenes	0.696	0.742		6.61	20
o-Xylene	0.686	0.716		4.37	20
Styrene	1.132	1.225		8.22	20
Bromoform	0.277	0.302	0.1	9.02	20
Isopropylbenzene	4.005	3.959		-1.15	20
1,1,2,2-Tetrachloroethane	1.407	1.337	0.3	-4.97	20
1,3-Dichlorobenzene	1.684	1.702		1.07	20
1,4-Dichlorobenzene	1.708	1.690		-1.05	20
1,2-Dichlorobenzene	1.675	1.704		1.73	20
1,2-Dibromo-3-Chloropropane	0.294	0.316		7.48	20
1,2,4-Trichlorobenzene	0.932	1.015		8.91	20
1,2,3-Trichlorobenzene	0.976	1.020		4.51	20
1,2-Dichloroethane-d4	0.914	0.945		3.39	20
Dibromofluoromethane	0.355	0.379		6.76	20
Toluene-d8	1.238	1.272		2.75	20
4-Bromofluorobenzene	0.451	0.501		11.09	20

All other compounds must meet a minimum RRF of 0.010.
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