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

Lab Name: CHEMTECH Contract: EAEN05

Lab Code: CHEM Case No.: P4873 SAS No.: P4873 SDG No.: P4873

Instrument ID: MSVOA_X Calibration Date/Time: 11/26/2024 17:33

Lab File ID: VX044022.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.531		-16.11	50
Chloromethane	0.667	0.587	0.1	-11.99	50
Vinyl Chloride	0.709	0.625		-11.85	50
Bromomethane	0.436	0.405		-7.11	50
Chloroethane	0.432	0.429		-0.69	50
Trichlorofluoromethane	1.268	1.220		-3.79	50
1,1,2-Trichlorotrifluoroethane	0.605	0.526		-13.06	50
1,1-Dichloroethene	0.576	0.499		-13.37	50
Acetone	0.394	0.316		-19.8	50
Carbon Disulfide	1.188	0.859		-27.69	50
Methyl tert-butyl Ether	2.092	1.931		-7.7	50
Methyl Acetate	0.917	0.850		-7.31	50
Methylene Chloride	0.668	0.581		-13.02	50
trans-1,2-Dichloroethene	0.595	0.527		-11.43	50
1,1-Dichloroethane	1.161	1.072	0.1	-7.67	50
Cyclohexane	0.956	0.792		-17.16	50
2-Butanone	0.508	0.469		-7.68	50
Carbon Tetrachloride	0.500	0.442		-11.6	50
cis-1,2-Dichloroethene	0.735	0.659		-10.34	50
Bromochloromethane	0.511	0.426		-16.63	50
Chloroform	1.249	1.156		-7.45	50
1,1,1-Trichloroethane	1.077	0.986		-8.45	50
Methylcyclohexane	0.578	0.472		-18.34	50
Benzene	1.387	1.245		-10.24	50
1,2-Dichloroethane	0.557	0.514		-7.72	50
Trichloroethene	0.393	0.304		-22.65	50
1,2-Dichloropropane	0.340	0.315		-7.35	50
Bromodichloromethane	0.482	0.449		-6.85	50
4-Methyl-2-Pentanone	0.537	0.521		-2.98	50
Toluene	0.830	0.763		-8.07	50
t-1,3-Dichloropropene	0.491	0.452		-7.94	50
cis-1,3-Dichloropropene	0.539	0.492		-8.72	50
1,1,2-Trichloroethane	0.343	0.319		-7	50
2-Hexanone	0.403	0.386		-4.22	50
Dibromochloromethane	0.344	0.321		-6.69	50
1,2-Dibromoethane	0.346	0.326		-5.78	50
Tetrachloroethene	0.330	0.292		-11.52	50
Chlorobenzene	1.098	0.968	0.3	-11.84	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	1.861	1.701		-8.6	50
m/p-Xylenes	0.694	0.636		-8.36	50
o-Xylene	0.678	0.627		-7.52	50
Styrene	1.121	1.060		-5.44	50
Bromoform	0.240	0.221	0.1	-7.92	50
Isopropylbenzene	3.843	3.481		-9.42	50
1,1,2,2-Tetrachloroethane	1.316	1.216	0.3	-7.6	50
1,3-Dichlorobenzene	1.670	1.490		-10.78	50
1,4-Dichlorobenzene	1.702	1.502		-11.75	50
1,2-Dichlorobenzene	1.685	1.515		-10.09	50
1,2-Dibromo-3-Chloropropane	0.264	0.227		-14.02	50
1,2,4-Trichlorobenzene	0.994	0.856		-13.88	50
1,2,3-Trichlorobenzene	1.006	0.904		-10.14	50
1,2-Dichloroethane-d4	0.858	0.784		-8.63	50
Dibromofluoromethane	0.357	0.329		-7.84	50
Toluene-d8	1.232	1.084		-12.01	50
4-Bromofluorobenzene	0.419	0.387		-7.64	50

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