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

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG No.: P5001

Instrument ID: MSVOA_X Calibration Date/Time: 11/27/2024 08:46

Lab File ID: VX044024.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	0.577		-8.85	20
Chloromethane	0.667	0.617	0.1	-7.5	20
Vinyl Chloride	0.709	0.636		-10.3	20
Bromomethane	0.436	0.432		-0.92	20
Chloroethane	0.432	0.428		-0.93	20
Trichlorofluoromethane	1.268	1.126		-11.2	20
1,1,2-Trichlorotrifluoroethane	0.605	0.569		-5.95	20
1,1-Dichloroethene	0.576	0.512		-11.11	20
Acetone	0.394	0.390		-1.01	20
Carbon Disulfide	1.188	0.969		-18.43	20
Methyl tert-butyl Ether	2.092	1.967		-5.97	20
Methyl Acetate	0.917	0.850		-7.31	20
Methylene Chloride	0.668	0.602		-9.88	20
trans-1,2-Dichloroethene	0.595	0.533		-10.42	20
1,1-Dichloroethane	1.161	1.078	0.1	-7.15	20
Cyclohexane	0.956	0.850		-11.09	20
2-Butanone	0.508	0.489		-3.74	20
Carbon Tetrachloride	0.500	0.512		2.4	20
cis-1,2-Dichloroethene	0.735	0.673		-8.44	20
Bromochloromethane	0.511	0.491		-3.91	20
Chloroform	1.249	1.167		-6.57	20
1,1,1-Trichloroethane	1.077	1.030		-4.36	20
Methylcyclohexane	0.578	0.559		-3.29	20
Benzene	1.387	1.345		-3.03	20
1,2-Dichloroethane	0.557	0.536		-3.77	20
Trichloroethene	0.393	0.337		-14.25	20
1,2-Dichloropropane	0.340	0.345		1.47	20
Bromodichloromethane	0.482	0.503		4.36	20
4-Methyl-2-Pentanone	0.537	0.532		-0.93	20
Toluene	0.830	0.830		0	20
t-1,3-Dichloropropene	0.491	0.502		2.24	20
cis-1,3-Dichloropropene	0.539	0.543		0.74	20
1,1,2-Trichloroethane	0.343	0.335		-2.33	20
2-Hexanone	0.403	0.411		1.99	20
Dibromochloromethane	0.344	0.361		4.94	20
1,2-Dibromoethane	0.346	0.349		0.87	20
Tetrachloroethene	0.330	0.338		2.42	20
Chlorobenzene	1.098	1.077	0.3	-1.91	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	1.861	1.877		0.86	20
m/p-Xylenes	0.694	0.703		1.3	20
o-Xylene	0.678	0.683		0.74	20
Styrene	1.121	1.141		1.78	20
Bromoform	0.240	0.257	0.1	7.08	20
Isopropylbenzene	3.843	3.898		1.43	20
1,1,2,2-Tetrachloroethane	1.316	1.301	0.3	-1.14	20
1,3-Dichlorobenzene	1.670	1.662		-0.48	20
1,4-Dichlorobenzene	1.702	1.645		-3.35	20
1,2-Dichlorobenzene	1.685	1.674		-0.65	20
1,2-Dibromo-3-Chloropropane	0.264	0.263		-0.38	20
1,2,4-Trichlorobenzene	0.994	0.984		-1.01	20
1,2,3-Trichlorobenzene	1.006	1.025		1.89	20
1,2-Dichloroethane-d4	0.858	0.810		-5.59	20
Dibromofluoromethane	0.357	0.370		3.64	20
Toluene-d8	1.232	1.254		1.79	20
4-Bromofluorobenzene	0.419	0.419		0	20

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