284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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: 11/25/2024 21:12

Lab File ID: VX044002.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	0.558		-11.85	50
Chloromethane	0.667	0.617	0.1	-7.5	50
Vinyl Chloride	0.709	0.635		-10.44	50
Bromomethane	0.436	0.412		-5.51	50
Chloroethane	0.432	0.363		-15.97	50
Trichlorofluoromethane	1.268	1.302		2.68	50
1,1,2-Trichlorotrifluoroethane	0.605	0.538		-11.07	50
1,1-Dichloroethene	0.576	0.522		-9.38	50
Acetone	0.394	0.286		-27.41	50
Carbon Disulfide	1.188	0.966		-18.69	50
Methyl tert-butyl Ether	2.092	2.023		-3.3	50
Methyl Acetate	0.917	0.852		-7.09	50
Methylene Chloride	0.668	0.613		-8.23	50
trans-1,2-Dichloroethene	0.595	0.551		-7.39	50
1,1-Dichloroethane	1.161	1.123	0.1	-3.27	50
Cyclohexane	0.956	0.867		-9.31	50
2-Butanone	0.508	0.440		-13.39	50
Carbon Tetrachloride	0.500	0.466		-6.8	50
cis-1,2-Dichloroethene	0.735	0.689		-6.26	50
Bromochloromethane	0.511	0.474		-7.24	50
Chloroform	1.249	1.211		-3.04	50
1,1,1-Trichloroethane	1.077	1.072		-0.46	50
Methylcyclohexane	0.578	0.500		-13.49	50
Benzene	1.387	1.309		-5.62	50
1,2-Dichloroethane	0.557	0.526		-5.57	50
Trichloroethene	0.393	0.324		-17.56	50
1,2-Dichloropropane	0.340	0.329		-3.23	50
Bromodichloromethane	0.482	0.472		-2.08	50
4-Methyl-2-Pentanone	0.537	0.500		-6.89	50
Toluene	0.830	0.798		-3.86	50
t-1,3-Dichloropropene	0.491	0.463		-5.7	50
cis-1,3-Dichloropropene	0.539	0.504		-6.49	50
1,1,2-Trichloroethane	0.343	0.319		-7	50
2-Hexanone	0.403	0.368		-8.69	50
Dibromochloromethane	0.344	0.328		-4.65	50
1,2-Dibromoethane	0.346	0.336		-2.89	50
Tetrachloroethene	0.330	0.314		-4.85	50
Chlorobenzene	1.098	1.020	0.3	-7.1	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	1.805		-3.01	50
m/p-Xylenes	0.694	0.668		-3.75	50
o-Xylene	0.678	0.671		-1.03	50
Styrene	1.121	1.108		-1.16	50
Bromoform	0.240	0.233	0.1	-2.92	50
Isopropylbenzene	3.843	3.677		-4.32	50
1,1,2,2-Tetrachloroethane	1.316	1.241	0.3	-5.7	50
1,3-Dichlorobenzene	1.670	1.564		-6.35	50
1,4-Dichlorobenzene	1.702	1.565		-8.05	50
1,2-Dichlorobenzene	1.685	1.601		-4.99	50
1,2-Dibromo-3-Chloropropane	0.264	0.245		-7.2	50
1,2,4-Trichlorobenzene	0.994	0.902		-9.26	50
1,2,3-Trichlorobenzene	1.006	0.974		-3.18	50
1,2-Dichloroethane-d4	0.858	0.851		-0.82	50
Dibromofluoromethane	0.357	0.350		-1.96	50
Toluene-d8	1.232	1.189		-3.49	50
4-Bromofluorobenzene	0.419	0.404		-3.58	50

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