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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5261 SAS No.: P5261 SDG No.: P5261

Instrument ID: MSVOA_X Calibration Date/Time: 12/16/2024 18:49

Lab File ID: VX044333.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.773	0.718		-7.11	50
Chloromethane	0.739	0.742	0.1	0.41	50
Vinyl Chloride	0.770	0.756		-1.82	50
Bromomethane	0.546	0.496		-9.16	50
Chloroethane	0.480	0.450		-6.25	50
Trichlorofluoromethane	1.508	1.420		-5.84	50
1,1,2-Trichlorotrifluoroethane	0.610	0.588		-3.61	50
1,1-Dichloroethene	0.560	0.555		-0.89	50
Acetone	0.357	0.322		-9.8	50
Carbon Disulfide	1.065	1.006		-5.54	50
Methyl tert-butyl Ether	2.187	2.102		-3.89	50
Methyl Acetate	0.922	0.915		-0.76	50
Methylene Chloride	0.671	0.670		-0.15	50
trans-1,2-Dichloroethene	0.596	0.599		0.5	50
1,1-Dichloroethane	1.172	1.204	0.1	2.73	50
Cyclohexane	0.946	0.934		-1.27	50
2-Butanone	0.508	0.492		-3.15	50
Carbon Tetrachloride	0.482	0.488		1.25	50
cis-1,2-Dichloroethene	0.756	0.748		-1.06	50
Bromochloromethane	0.575	0.542		-5.74	50
Chloroform	1.316	1.279		-2.81	50
1,1,1-Trichloroethane	1.093	1.065		-2.56	50
Methylcyclohexane	0.535	0.553		3.36	50
Benzene	1.359	1.435		5.59	50
1,2-Dichloroethane	0.560	0.571		1.96	50
Trichloroethene	0.339	0.357		5.31	50
1,2-Dichloropropane	0.347	0.361		4.03	50
Bromodichloromethane	0.465	0.496		6.67	50
4-Methyl-2-Pentanone	0.556	0.564		1.44	50
Toluene	0.853	0.864		1.29	50
t-1,3-Dichloropropene	0.455	0.476		4.61	50
cis-1,3-Dichloropropene	0.507	0.542		6.9	50
1,1,2-Trichloroethane	0.339	0.354		4.43	50
2-Hexanone	0.403	0.415		2.98	50
Dibromochloromethane	0.326	0.345		5.83	50
1,2-Dibromoethane	0.345	0.368		6.67	50
Tetrachloroethene	0.332	0.346		4.22	50
Chlorobenzene	1.071	1.084	0.3	1.21	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	1.851	1.921		3.78	50
m/p-Xylenes	0.679	0.723		6.48	50
o-Xylene	0.687	0.718		4.51	50
Styrene	1.102	1.187		7.71	50
Bromoform	0.219	0.231	0.1	5.48	50
Isopropylbenzene	3.828	3.922		2.46	50
1,1,2,2-Tetrachloroethane	1.329	1.334	0.3	0.38	50
1,3-Dichlorobenzene	1.621	1.674		3.27	50
1,4-Dichlorobenzene	1.667	1.704		2.22	50
1,2-Dichlorobenzene	1.684	1.701		1.01	50
1,2-Dibromo-3-Chloropropane	0.258	0.253		-1.94	50
1,2,4-Trichlorobenzene	0.923	0.964		4.44	50
1,2,3-Trichlorobenzene	0.979	1.009		3.06	50
1,2-Dichloroethane-d4	0.877	0.838		-4.45	50
Dibromofluoromethane	0.346	0.353		2.02	50
Toluene-d8	1.168	1.212		3.77	50
4-Bromofluorobenzene	0.408	0.411		0.74	50

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