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.: P5376 SAS No.: P5376 SDG No.: P5376

Instrument ID: MSVOA_X Calibration Date/Time: 12/31/2024 10:00

Lab File ID: VX044568.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	0.742		-4.01	20
Chloromethane	0.739	0.675	0.1	-8.66	20
Vinyl Chloride	0.770	0.711		-7.66	20
Bromomethane	0.546	0.482		-11.72	20
Chloroethane	0.480	0.386		-19.58	20
Trichlorofluoromethane	1.508	1.318		-12.6	20
1,1,2-Trichlorotrifluoroethane	0.610	0.643		5.41	20
1,1-Dichloroethene	0.560	0.580		3.57	20
Acetone	0.357	0.316		-11.48	20
Carbon Disulfide	1.065	1.160		8.92	20
Methyl tert-butyl Ether	2.187	2.030		-7.18	20
Methyl Acetate	0.922	0.842		-8.68	20
Methylene Chloride	0.671	0.638		-4.92	20
trans-1,2-Dichloroethene	0.596	0.604		1.34	20
1,1-Dichloroethane	1.172	1.110	0.1	-5.29	20
Cyclohexane	0.946	0.947		0.11	20
2-Butanone	0.508	0.462		-9.06	20
Carbon Tetrachloride	0.482	0.564		17.01	20
cis-1,2-Dichloroethene	0.756	0.737		-2.51	20
Bromochloromethane	0.575	0.461		-19.83	20
Chloroform	1.316	1.212		-7.9	20
1,1,1-Trichloroethane	1.093	1.067		-2.38	20
Methylcyclohexane	0.535	0.666		24.49	20
Benzene	1.359	1.548		13.91	20
1,2-Dichloroethane	0.560	0.598		6.79	20
Trichloroethene	0.339	0.391		15.34	20
1,2-Dichloropropane	0.347	0.379		9.22	20
Bromodichloromethane	0.465	0.544		16.99	20
4-Methyl-2-Pentanone	0.556	0.582		4.68	20
Toluene	0.853	0.944		10.67	20
t-1,3-Dichloropropene	0.455	0.558		22.64	20
cis-1,3-Dichloropropene	0.507	0.603		18.93	20
1,1,2-Trichloroethane	0.339	0.390		15.04	20
2-Hexanone	0.403	0.433		7.44	20
Dibromochloromethane	0.326	0.400		22.7	20
1,2-Dibromoethane	0.345	0.411		19.13	20
Tetrachloroethene	0.332	0.391		17.77	20
Chlorobenzene	1.071	1.207	0.3	12.7	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	1.851	2.076		12.16	20
m/p-Xylenes	0.679	0.799		17.67	20
o-Xylene	0.687	0.766		11.5	20
Styrene	1.102	1.289		16.97	20
Bromoform	0.219	0.291	0.1	32.88	20
Isopropylbenzene	3.828	4.159		8.65	20
1,1,2,2-Tetrachloroethane	1.329	1.378	0.3	3.69	20
1,3-Dichlorobenzene	1.621	1.856		14.5	20
1,4-Dichlorobenzene	1.667	1.854		11.22	20
1,2-Dichlorobenzene	1.684	1.832		8.79	20
1,2-Dibromo-3-Chloropropane	0.258	0.316		22.48	20
1,2,4-Trichlorobenzene	0.923	1.172		26.98	20
1,2,3-Trichlorobenzene	0.979	1.215		24.11	20
1,2-Dichloroethane-d4	0.877	0.712		-18.81	20
Dibromofluoromethane	0.346	0.363		4.91	20
Toluene-d8	1.168	1.170		0.17	20
4-Bromofluorobenzene	0.408	0.431		5.64	20

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