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

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5317 SAS No.: P5317 SDG No.: P5317

Instrument ID: MSVOA_X Calibration Date/Time: 12/30/2024 23:54

Lab File ID: VX044566.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	0.656		-15.14	50
Chloromethane	0.739	0.595	0.1	-19.49	50
Vinyl Chloride	0.770	0.637		-17.27	50
Bromomethane	0.546	0.434		-20.51	50
Chloroethane	0.480	0.411		-14.38	50
Trichlorofluoromethane	1.508	1.187		-21.29	50
1,1,2-Trichlorotrifluoroethane	0.610	0.575		-5.74	50
1,1-Dichloroethene	0.560	0.554		-1.07	50
Acetone	0.357	0.284		-20.45	50
Carbon Disulfide	1.065	0.937		-12.02	50
Methyl tert-butyl Ether	2.187	1.892		-13.49	50
Methyl Acetate	0.922	0.841		-8.78	50
Methylene Chloride	0.671	0.598		-10.88	50
trans-1,2-Dichloroethene	0.596	0.545		-8.56	50
1,1-Dichloroethane	1.172	1.065	0.1	-9.13	50
Cyclohexane	0.946	0.793		-16.17	50
2-Butanone	0.508	0.435		-14.37	50
Carbon Tetrachloride	0.482	0.484		0.41	50
cis-1,2-Dichloroethene	0.756	0.682		-9.79	50
Bromochloromethane	0.575	0.455		-20.87	50
Chloroform	1.316	1.146		-12.92	50
1,1,1-Trichloroethane	1.093	1.005		-8.05	50
Methylcyclohexane	0.535	0.513		-4.11	50
Benzene	1.359	1.334		-1.84	50
1,2-Dichloroethane	0.560	0.526		-6.07	50
Trichloroethene	0.339	0.354		4.43	50
1,2-Dichloropropane	0.347	0.331		-4.61	50
Bromodichloromethane	0.465	0.478		2.8	50
4-Methyl-2-Pentanone	0.556	0.539		-3.06	50
Toluene	0.853	0.835		-2.11	50
t-1,3-Dichloropropene	0.455	0.458		0.66	50
cis-1,3-Dichloropropene	0.507	0.510		0.59	50
1,1,2-Trichloroethane	0.339	0.351		3.54	50
2-Hexanone	0.403	0.398		-1.24	50
Dibromochloromethane	0.326	0.361		10.74	50
1,2-Dibromoethane	0.345	0.364		5.51	50
Tetrachloroethene	0.332	0.332		0	50
Chlorobenzene	1.071	1.067	0.3	-0.37	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	1.830		-1.13	50
m/p-Xylenes	0.679	0.685		0.88	50
o-Xylene	0.687	0.687		0	50
Styrene	1.102	1.146		3.99	50
Bromoform	0.219	0.264	0.1	20.55	50
Isopropylbenzene	3.828	3.680		-3.87	50
1,1,2,2-Tetrachloroethane	1.329	1.263	0.3	-4.97	50
1,3-Dichlorobenzene	1.621	1.658		2.28	50
1,4-Dichlorobenzene	1.667	1.661		-0.36	50
1,2-Dichlorobenzene	1.684	1.678		-0.36	50
1,2-Dibromo-3-Chloropropane	0.258	0.241		-6.59	50
1,2,4-Trichlorobenzene	0.923	1.013		9.75	50
1,2,3-Trichlorobenzene	0.979	1.063		8.58	50
1,2-Dichloroethane-d4	0.877	0.721		-17.79	50
Dibromofluoromethane	0.346	0.346		0	50
Toluene-d8	1.168	1.133		-3	50
4-Bromofluorobenzene	0.408	0.410		0.49	50

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