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.: P5281 SAS No.: P5281 SDG No.: P5281

Instrument ID: MSVOA_X Calibration Date/Time: 12/18/2024 19:52

Lab File ID: VX044395.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	0.785		1.55	50
Chloromethane	0.739	0.805	0.1	8.93	50
Vinyl Chloride	0.770	0.803		4.29	50
Bromomethane	0.546	0.526		-3.66	50
Chloroethane	0.480	0.557		16.04	50
Trichlorofluoromethane	1.508	1.236		-18.04	50
1,1,2-Trichlorotrifluoroethane	0.610	0.577		-5.41	50
1,1-Dichloroethene	0.560	0.579		3.39	50
Acetone	0.357	0.306		-14.29	50
Carbon Disulfide	1.065	1.056		-0.85	50
Methyl tert-butyl Ether	2.187	2.164		-1.05	50
Methyl Acetate	0.922	0.912		-1.09	50
Methylene Chloride	0.671	0.695		3.58	50
trans-1,2-Dichloroethene	0.596	0.603		1.17	50
1,1-Dichloroethane	1.172	1.201	0.1	2.47	50
Cyclohexane	0.946	0.875		-7.51	50
2-Butanone	0.508	0.497		-2.16	50
Carbon Tetrachloride	0.482	0.466		-3.32	50
cis-1,2-Dichloroethene	0.756	0.763		0.93	50
Bromochloromethane	0.575	0.561		-2.43	50
Chloroform	1.316	1.284		-2.43	50
1,1,1-Trichloroethane	1.093	1.060		-3.02	50
Methylcyclohexane	0.535	0.528		-1.31	50
Benzene	1.359	1.397		2.8	50
1,2-Dichloroethane	0.560	0.554		-1.07	50
Trichloroethene	0.339	0.347		2.36	50
1,2-Dichloropropane	0.347	0.349		0.58	50
Bromodichloromethane	0.465	0.496		6.67	50
4-Methyl-2-Pentanone	0.556	0.558		0.36	50
Toluene	0.853	0.833		-2.35	50
t-1,3-Dichloropropene	0.455	0.470		3.3	50
cis-1,3-Dichloropropene	0.507	0.526		3.75	50
1,1,2-Trichloroethane	0.339	0.360		6.2	50
2-Hexanone	0.403	0.410		1.74	50
Dibromochloromethane	0.326	0.346		6.14	50
1,2-Dibromoethane	0.345	0.361		4.64	50
Tetrachloroethene	0.332	0.328		-1.21	50
Chlorobenzene	1.071	1.072	0.3	0.09	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	1.810		-2.21	50
m/p-Xylenes	0.679	0.687		1.18	50
o-Xylene	0.687	0.694		1.02	50
Styrene	1.102	1.146		3.99	50
Bromoform	0.219	0.241	0.1	10.05	50
Isopropylbenzene	3.828	3.704		-3.24	50
1,1,2,2-Tetrachloroethane	1.329	1.359	0.3	2.26	50
1,3-Dichlorobenzene	1.621	1.607		-0.86	50
1,4-Dichlorobenzene	1.667	1.616		-3.06	50
1,2-Dichlorobenzene	1.684	1.678		-0.36	50
1,2-Dibromo-3-Chloropropane	0.258	0.250		-3.1	50
1,2,4-Trichlorobenzene	0.923	0.932		0.98	50
1,2,3-Trichlorobenzene	0.979	0.985		0.61	50
1,2-Dichloroethane-d4	0.877	0.792		-9.69	50
Dibromofluoromethane	0.346	0.340		-1.73	50
Toluene-d8	1.168	1.114		-4.62	50
4-Bromofluorobenzene	0.408	0.378		-7.35	50

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