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

Instrument ID: MSVOA_X Calibration Date/Time: 12/31/2024 13:27

Lab File ID: VX044576.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	0.737		-4.66	50
Chloromethane	0.739	0.676	0.1	-8.52	50
Vinyl Chloride	0.770	0.695		-9.74	50
Bromomethane	0.546	0.476		-12.82	50
Chloroethane	0.480	0.435		-9.38	50
Trichlorofluoromethane	1.508	1.259		-16.51	50
1,1,2-Trichlorotrifluoroethane	0.610	0.714		17.05	50
1,1-Dichloroethene	0.560	0.664		18.57	50
Acetone	0.357	0.345		-3.36	50
Carbon Disulfide	1.065	1.278		20	50
Methyl tert-butyl Ether	2.187	1.956		-10.56	50
Methyl Acetate	0.922	0.816		-11.5	50
Methylene Chloride	0.671	0.646		-3.73	50
trans-1,2-Dichloroethene	0.596	0.588		-1.34	50
1,1-Dichloroethane	1.172	1.127	0.1	-3.84	50
Cyclohexane	0.946	0.900		-4.86	50
2-Butanone	0.508	0.442		-12.99	50
Carbon Tetrachloride	0.482	0.536		11.2	50
cis-1,2-Dichloroethene	0.756	0.713		-5.69	50
Bromochloromethane	0.575	0.446		-22.43	50
Chloroform	1.316	1.208		-8.21	50
1,1,1-Trichloroethane	1.093	1.052		-3.75	50
Methylcyclohexane	0.535	0.630		17.76	50
Benzene	1.359	1.493		9.86	50
1,2-Dichloroethane	0.560	0.570		1.79	50
Trichloroethene	0.339	0.384		13.27	50
1,2-Dichloropropane	0.347	0.361		4.03	50
Bromodichloromethane	0.465	0.521		12.04	50
4-Methyl-2-Pentanone	0.556	0.568		2.16	50
Toluene	0.853	0.918		7.62	50
t-1,3-Dichloropropene	0.455	0.524		15.16	50
cis-1,3-Dichloropropene	0.507	0.568		12.03	50
1,1,2-Trichloroethane	0.339	0.376		10.91	50
2-Hexanone	0.403	0.421		4.47	50
Dibromochloromethane	0.326	0.397		21.78	50
1,2-Dibromoethane	0.345	0.399		15.65	50
Tetrachloroethene	0.332	0.393		18.37	50
Chlorobenzene	1.071	1.185	0.3	10.64	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	2.017		8.97	50
m/p-Xylenes	0.679	0.765		12.67	50
o-Xylene	0.687	0.759		10.48	50
Styrene	1.102	1.248		13.25	50
Bromoform	0.219	0.285	0.1	30.14	50
Isopropylbenzene	3.828	4.027		5.2	50
1,1,2,2-Tetrachloroethane	1.329	1.313	0.3	-1.2	50
1,3-Dichlorobenzene	1.621	1.802		11.17	50
1,4-Dichlorobenzene	1.667	1.804		8.22	50
1,2-Dichlorobenzene	1.684	1.807		7.3	50
1,2-Dibromo-3-Chloropropane	0.258	0.250		-3.1	50
1,2,4-Trichlorobenzene	0.923	1.099		19.07	50
1,2,3-Trichlorobenzene	0.979	1.124		14.81	50
1,2-Dichloroethane-d4	0.877	0.692		-21.09	50
Dibromofluoromethane	0.346	0.345		-0.29	50
Toluene-d8	1.168	1.152		-1.37	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.