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.: P5261 SAS No.: P5261 SDG No.: P5261

Instrument ID: MSVOA_X Calibration Date/Time: 12/12/2024 20:11

Lab File ID: VX044265.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	0.776		0.39	50
Chloromethane	0.739	0.784	0.1	6.09	50
Vinyl Chloride	0.770	0.803		4.29	50
Bromomethane	0.546	0.556		1.83	50
Chloroethane	0.480	0.591		23.13	50
Trichlorofluoromethane	1.508	1.336		-11.41	50
1,1,2-Trichlorotrifluoroethane	0.610	0.624		2.3	50
1,1-Dichloroethene	0.560	0.597		6.61	50
Acetone	0.357	0.344		-3.64	50
Carbon Disulfide	1.065	1.111		4.32	50
Methyl tert-butyl Ether	2.187	2.280		4.25	50
Methyl Acetate	0.922	0.957		3.8	50
Methylene Chloride	0.671	0.708		5.51	50
trans-1,2-Dichloroethene	0.596	0.622		4.36	50
1,1-Dichloroethane	1.172	1.272	0.1	8.53	50
Cyclohexane	0.946	0.996		5.28	50
2-Butanone	0.508	0.524		3.15	50
Carbon Tetrachloride	0.482	0.493		2.28	50
cis-1,2-Dichloroethene	0.756	0.775		2.51	50
Bromochloromethane	0.575	0.607		5.57	50
Chloroform	1.316	1.357		3.12	50
1,1,1-Trichloroethane	1.093	1.146		4.85	50
Methylcyclohexane	0.535	0.544		1.68	50
Benzene	1.359	1.415		4.12	50
1,2-Dichloroethane	0.560	0.586		4.64	50
Trichloroethene	0.339	0.353		4.13	50
1,2-Dichloropropane	0.347	0.360		3.75	50
Bromodichloromethane	0.465	0.498		7.1	50
4-Methyl-2-Pentanone	0.556	0.571		2.7	50
Toluene	0.853	0.863		1.17	50
t-1,3-Dichloropropene	0.455	0.495		8.79	50
cis-1,3-Dichloropropene	0.507	0.545		7.49	50
1,1,2-Trichloroethane	0.339	0.352		3.84	50
2-Hexanone	0.403	0.418		3.72	50
Dibromochloromethane	0.326	0.354		8.59	50
1,2-Dibromoethane	0.345	0.370		7.25	50
Tetrachloroethene	0.332	0.330		-0.6	50
Chlorobenzene	1.071	1.080	0.3	0.84	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	1.912		3.3	50
m/p-Xylenes	0.679	0.707		4.12	50
o-Xylene	0.687	0.704		2.47	50
Styrene	1.102	1.182		7.26	50
Bromoform	0.219	0.228	0.1	4.11	50
Isopropylbenzene	3.828	3.971		3.74	50
1,1,2,2-Tetrachloroethane	1.329	1.344	0.3	1.13	50
1,3-Dichlorobenzene	1.621	1.653		1.97	50
1,4-Dichlorobenzene	1.667	1.642		-1.5	50
1,2-Dichlorobenzene	1.684	1.703		1.13	50
1,2-Dibromo-3-Chloropropane	0.258	0.261		1.16	50
1,2,4-Trichlorobenzene	0.923	0.953		3.25	50
1,2,3-Trichlorobenzene	0.979	0.972		-0.71	50
1,2-Dichloroethane-d4	0.877	0.924		5.36	50
Dibromofluoromethane	0.346	0.365		5.49	50
Toluene-d8	1.168	1.238		5.99	50
4-Bromofluorobenzene	0.408	0.425		4.17	50

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