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5 Reasons to use process mass spectrometry to monitor volatile organic compounds (VOCs)

1 Sensitivity

Process MS can measure a wide range of VOCs at ppm and even ppb levels.

Xylenes | Benzene | Toluene

Ethyl benzene | Ethylene dichloride

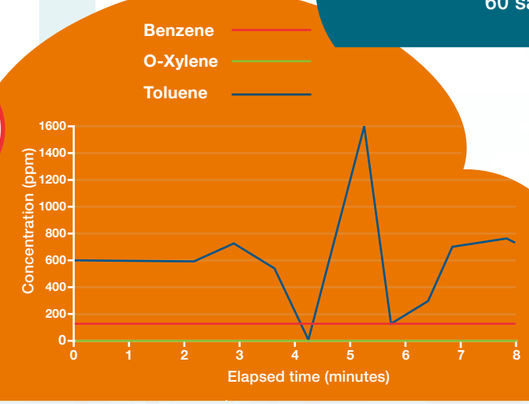
Vinyl chloride

2 Compliance

Real-time monitoring capabilities ensure OSHA Permissible Exposure Limits (e.g., 1ppm exposure per 8 hour workday for benzene) are not exceeded.

3 Selectivity

The ability of process MS to identify the unique spectra of each individual VOC avoids false alarms.



4 Speed

A 32- or 64-port Rapid Multi-stream Sampler (RMS) enables monitoring of multiple sample points. Monitor up to 60 sample points within 12 minutes!

5 Dependability

With 1000+ installations backed by a 36-month warranty, our process mass spectrometers provide proven fast, multi-component gas analysis for total plant coverage.

Thermo Scientific™ Sentinel™ PRO 710 Mass Spectrometer

Learn more at **thermofisher.com/processMS**

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