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Analysis Type
LOD Verification

Department	Year	Quarter
GC-MS Volatile	2025	2nd

Instrument ID	Method	Matrix
MSVOA_X	8260D	Water

Spike Concentration	Compounds Used
0.5 PPB	All
0.75 ppb	All
0.2 PPB	All
2.5 PPB	All

**Note:** m/p xylene is spiked 2x, Tert butyl alcohol, Acrolein, Acrylonitrile, Acetone, Vinyl Acetate, 2-Butanone, 4-Methyle 2-Pentanone, 2-Chloro ethyl vinyl ether, 2-Hexanone are spiked 5x and 1-4 Dioxane spiked 20x.

LOD Verification Status	Comment
Pass / Fail	Pass

Laboratory Analyst	Laboratory Supervisor	Laboratory Manager
John Carlone	Mahesh Dadoda	Mohammad Ahmed