

Beggs, Tauren R - DNR

From: Kasdorf, James H Jr - DNR
Sent: Monday, January 8, 2018 6:56 AM
To: Beggs, Tauren R - DNR
Subject: FW: 8260 VOC qualifier summary.

Hi Tauren –

Below, please find the explanation for the comments contained within the lab reports for private water samples collected in Manitowoc. Thank you.

Jim.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jim Kasdorf

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James.KasdorfJr@Wisconsin.gov

From: Rogers, David [mailto:david.rogers@slh.wisc.edu]
Sent: Sunday, January 07, 2018 6:01 PM
To: Kasdorf, James H Jr - DNR <James.KasdorfJr@wisconsin.gov>
Cc: Spallato, Alan R. <alan.spallato@slh.wisc.edu>; Burke, Kyle J <Kyle.Burke@slh.wisc.edu>
Subject: 8260 VOC qualifier summary.

Good morning, Jim.

The following samples, 360201001-7 were all non-detects for 8260 VOCs. Qualifiers were inserted per method requirements, as the check std(s), lab control spike & matrix spike exceeded the upper control limit of >20% of the true value. In short, the instrumentation became *more* sensitive as time went on for the couple VOCs in question. Please note the increased sensitivity would be an issue if the VOCs were detected. By this, a non-detect is still a non-detect. The relative percent difference qualifier for methyl ethyl ketone(MEK) is more indicative of difficulty with spiking oxygenate compounds. The MEK in all samples was still non-detect. The carbon disulfide qualifier of “Interference” was needed due to the instruments confirmation ion lacking in required intensity/response for confirmation. The carbon disulfide result of 0.69ppb is slightly above the limit of detection, 0.50ppb. Very low.

The sample for Anita Moore property only had qualifiers for trichlorotrifluoroethane. The qualifier was needed due to the upper control limit(>20% true value) being exceeded or sensitivity increased over time. The property had a non-detect for trichlorotrifluoroethane. Above explanation applies again.

In summary all qualified results were documented against non-detects.

I believe only Anita Moore property had detects and no qualifiers, against these detects. Contacting DHS for further interpretation regarding the presence of vinyl chloride and cis-1,2-dichloroethene would help if/when questions are asked about these detects during your public meeting early next week.

Please contact me if you still have concerns or questions, at rogers@slh.wisc.edu or 608-224-6271.

Thanks, Dave.

Dave Rogers
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