#1943810

From: Amy Wolf
To: Ash, Margaret;
Subject: RE: questions - work order 0903234
Date: Tuesday, June 02, 2009 4:41:15 PM

Hi Margaret,

We apologize for the delay. The response from the lab follows:

"Tert-Butanol (TBA) was present in a few of the samples and of course the LCS/MS samples (500ppb). The blank and samples that preceded 0903234-1 were
scrutinized and there were no spectra for tert-Butanol whatsoever.

It is not our practice to report "non-target" (client) compounds as tentitavely identified unless the result exceeds our reporting limit (100ppb), and this was a mistake on my part for TBA.

The Iodomethane J flag was scrutinized as well. Other than the QC samples there were no spectra for this compound observed in any of the blanks or associated samples in the analytical batch.

I re-analyzed one of the remaining samples, which was no longer in cold storage, and obviously outside of established holding time criteria. Although TBA was not part of the associated initial calibration, there was an instrument response of 16,451. The response for Iodomethane was 7,601 (0.91ppb "J"). There were no spectra for either of these compounds preceding the re-analysis of 0903234-1."

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-----Original Message-----
From: Ash, Margaret [mailto:Margaret.Ash@state.co.us]
Sent: Monday, June 01, 2009 4:39 PM
To: Amy Wolf
Subject: FW: questions - work order 0903234

Amy,

Do you think the lab will be able to review and or respond to this email soon? I need to provide the letter and results to the client.

Margaret A. Ash
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-----Original Message-----
From: Ash, Margaret
Sent: Friday, May 22, 2009 1:00 PM
To: 'Amy Wolf'
Subject: questions - work order 0903234

Amy, can you check with the organics group on two questions regarding

recently reported 8260 results from workorder 0903234.

Iodomethane was reported with a J flag in sample 1. Could the lab check to see if there were any samples preceding sample 1 on the autosampler run with iodomethane reported as present and if so at what concentration? We rarely if ever have seen this compound reported in a groundwater sample. Could the result be from carryover from a standard or spike?

The lab was calibrated for tert butyl alcohol even though it was not a compound reported on the 8260 target list for the COGCC so it is reported as a TIC. Again we have not seen this compound reported in groundwater samples except for samples associated with fuels spills or spills of refined fuel products to which tert-butanol was added as an oxygenate. Can you check for other samples in the analytical sequence in which tert-butanol was present including spikes and standards. Has the lab observed carryover of this very water soluble alcohol?

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