

From: Megan Preik
To: [Hogue, Alicia](#)
Subject: RE: Resubmitted Hormones - Pos Data (4114 WG59329) FL DEP Emerging Contaminants ESOC Pilot
Date: Friday, May 19, 2017 5:12:40 PM

Hi Alicia

I've just had a look at the data and understand your concern! The mestranol was actually supposed to have a K flag applied but it looks like the flags were missed.

There is a known instrumental interference observed at the expected retention time for mestranol. The chemist who worked on these samples had another look at the chromatograms and confirmed that the mestranol peaks in your blanks and samples do not line up with the QC which indicates the peaks are not mestranol. Since the retention time of this interference is so close to mestranol, we are obligated to report the concentration found; however, we would typically apply K flag indicating this is an estimated maximum concentration.

I hope this answers your question but please let me know if you'd like to discuss in greater detail. I can also request to resubmit the data with the correct flags if you wish.

Thanks

Megan Preik, B.Sc., P.Chem.
Project Manager

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From: Hogue, Alicia [<mailto:Alicia.Hogue@dep.state.fl.us>]
Sent: Friday, May 19, 2017 10:39 AM
To: Megan Preik
Subject: FW: Resubmitted Hormones - Pos Data (4114 WG59329) FL DEP Emerging Contaminants ESOC Pilot

Hi Megan,

After taking a look at the hormone results, we saw detections in both the lab and field blanks and subsequently the samples for mestranol. Since the lab blank has this detection, do you have any insight as to where this contamination could have occurred, i.e. Axys DI water, reagent used in analysis, etc. If it is in the DI water we will need to know since we are sending that same blank water to our biology labs to run estrogenicity assays.

Thank you for your time and expertise.

Best,

Alicia

Alicia Hogue
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From: Joyce Chury [<mailto:jchury@axys.com>]
Sent: Thursday, May 18, 2017 6:31 PM
To: Hogue, Alicia <Alicia.Hogue@dep.state.fl.us>
Cc: Megan Preik <mpreik@axys.com>
Subject: Resubmitted Hormones - Pos Data (4114 WG59329) FL DEP Emerging Contaminants ESOC Pilot

Attached please find resubmitted Hormones data in .xlsx and .pdf format sent to you today, 18 May 2017; originally sent to you 16 May 2017. Please disregard any previous versions and accept this as final. For details of the revision, please refer to page two of the .pdf file.

Contract: 4114
Batch ID: WG59329
Analysis: Hormones - Pos
Samples

L27146-1	QA/ QC BLANK SW FIELD
L27146-2	SP-WITHLAC
L27146-3	SP-OCHLCK
L27146-4	SP-APALACH
L27146-5	SP-ALAFIA

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.

Every effort has been made to ensure the correct transfer of electronic data files. The files have been prepared in a READ ONLY format to prevent inadvertent changes to the data. Should a discrepancy occur between the electronic copy and the signed analysis report, the latter is considered to contain the authorized data. If you have any questions or require further information, please contact Megan Preik, Project Manager.

Regards,
SGS AXYS ANALYTICAL SERVICES LTD
jmac/hh/kp

Joyce Chury
Data Reporter

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