Message

From: Nguyen, Thuy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDF4C9A977D4493E948C607108A47C0E-THUY NGUYEN]
Sent: 2/18/2021 1:47:25 PM
To: Nguyen, Thuy [Nguyen.Thuy@epa.gov]
Subject: RE: Latest PFAS spreadsheets from QAO

Did you guys only do duplicate injection? Or did you run duplicate analysis?

From: Nguyen, Thuy
Sent: Thursday, February 18, 2021 8:46 AM
To: Qian, Yaorong (qian.yaorong@epa.gov) <qian.yaorong@epa.gov>
Subject: FW: Latest PFAS spreadsheets from QAO

I am surprised that the %RSD are so wide. They weren't that wide when I did a rough calculation before
Can you see why?
Thanks
Thuy

From: Liang, Yan Ling <Liang.YanLing@epa.gov>
Sent: Wednesday, February 17, 2021 4:57 PM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; French, David <French.David@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

I've added %RSD values and calculations to both excel files.

Paul, please work off of these files tomorrow.

Thanks
Yan

From: Liang, Yan Ling
Sent: Wednesday, February 17, 2021 4:00 PM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; French, David <French.David@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Ok I will calculate those in the latest spreadsheets. Do you also want them added to the summary sheet Thuy?

Paul, please disregard the spreadsheets I sent you at 3:11pm, I will send you new ones with RSD values included.

Thanks
Yan

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Wednesday, February 17, 2021 3:46 PM
To: Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; French, David <French.David@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

I calculate the %RSD based previous spreadsheet. We need to revise that now that we have new numbers,
When you average the numbers for reported, please calculate %RPD or %RSD so I can report them
Thanks
Thuy

From: Liang, Yan Ling <Liang.YanLing@epa.gov>
Sent: Wednesday, February 17, 2021 3:33 PM
To: Golden, Paul <Golden.Paul@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>; French, David <French.David@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

I agree with Paul's comment on the standard deviations, I did not calculate those and we only did dups in the 12/30 data with N=2.

From: Golden, Paul <Golden.Paul@epa.gov>
Sent: Wednesday, February 17, 2021 2:50 PM
To: Qian, Yaorong <qian.yaorong@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; French, David <French.David@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

I am OK with that notation.

Paul

From: Qian, Yaorong <qian.yaorong@epa.gov>
Sent: Wednesday, February 17, 2021 2:48 PM
To: Golden, Paul <Golden.Paul@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; French, David <French.David@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

For the limitations of the results, how about the following:

All results of the rinsates (reported as ppb, or ng/ml of rinsate) are estimate using the attached method, due to the fact that the values would change depending on the type and the amount of the rinsing solvent, size of containers, rinsing time and temperature, etc.

From: Golden, Paul <Golden.Paul@epa.gov>
Sent: Wednesday, February 17, 2021 2:24 PM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; French, David <French.David@epa.gov>
Cc: Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Thuy,

Here are some of my thoughts to consider in yellow (with the exception of the footnote in yellow on page 2, not sure how/why that's there).

I expect there will also be other flags on the final spreadsheet(s) to be attached.

Obviously we will also need to remove (or edit) any preliminary results verbiage in the final report.

Paul

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Wednesday, February 17, 2021 11:24 AM
To: Golden, Paul <Golden.Paul@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; French, David <French.David@epa.gov>
Cc: Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Paul
Can you send me the report with your comments?
Thanks
Thuy

From: Golden, Paul <Golden.Paul@epa.gov>
Sent: Wednesday, February 17, 2021 11:08 AM
To: Liang, Yan Ling <Liang.YanLing@epa.gov>; French, David <French.David@epa.gov>
Cc: Qian, Yaorong <qian.yaorong@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Subject: Latest PFAS spreadsheets from QAO

On the checks and recoveries spreadsheet I have placed flags for CCV and outside calibration range issues.

On the report I have placed some additional comments to consider adding.

Yan, you may need to get the thumb drive to get/find the latest Sciex instrument reports to verify proper integration of the CCV data. I suspect you guys have already looked hard at the Cal Curve data, and the reportable data integrations.

Paul