Message

From: Qian, Yaorong [qian.yaorong@epa.gov]
Sent: 2/22/2021 5:31:44 PM
To: Nguyen, Thuy [Nguyen.Thuy@epa.gov]
CC: French, David [French.David@epa.gov]; Liang, Yan Ling [Liang.YanLing@epa.gov]; Golden, Paul [Golden.Paul@epa.gov]
Subject: RE: Latest PFAS spreadsheets from QAO
Attachments: PFAS_Data Summary_Preliminary_PR_02032021-QAO-210222.xlsx

I measured the dimensions of the containers and estimated the surface area of the container walls. Then I converted the PFAS values to ng per square inch of the walls of the containers. See the section from Column Q to Column AB. I think the values per square inch of the surface make more sense scientifically than ng/ml of rinsates. Maybe we need to run it through the upper management to see if we have a buy-in on this expression.

The surface area estimation is not precise but should be close to the true value, because of the irregularity of the container shape.

Thanks,

Yaorong

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Monday, February 22, 2021 11:10 AM
To: Qian, Yaorong <qian.yaorong@epa.gov>
Cc: French, David <French.David@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

I had my general with Kimberly this morning
Ed definitely wants final data released before Thursday. Since we won't have the product results finalized in time, she said we can split the memo into rinsates and product
Please make sure we have the product sample reviewed as soon as we can. I gave a tentative date for a final report (rinsate + product) on 3/5
Thanks
Thuy

From: Qian, Yaorong <qian.yaorong@epa.gov>
Sent: Monday, February 22, 2021 10:41 AM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Cc: French, David <French.David@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Here is the latest version of the summary results. The only changes from previous version are that I removed values for PFTeDA and I added % Recovery of the laboratory blank spike.

Thanks,

Yaorong

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Friday, February 19, 2021 2:12 PM
To: Qian, Yaorong <qian.yaorong@epa.gov>
Cc: French, David <French.David@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>
Subject: Re: Latest PFAS spreadsheets from QAO

Ok,
So will you/Yan revise the spreadsheet and send it to us so we all have the same version?
Please also update the product tab, if possible

Thanks
Thuy

On Feb 19, 2021, at 2:07 PM, Qian, Yaorong <qian.yaorong@epa.gov> wrote:

Based on the responses in solvent, Anvil samples, and rinsate, I think PFTeDA is not there. There is some minor background blip there and could be integrated as a peak. But similar amount of peak area is also in solvent.

Thanks,

Yaorong

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Friday, February 19, 2021 1:19 PM
To: French, David <French.David@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>
Cc: Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Thanks David
Yaorong and Yan
I look at the data and PFTeDA was found in the product and not in the rinsates. Can you please check to make sure that the numbers are correct? If our theory is PFAS came from the containers, it will be hard to explain the PFTeDA
Thanks
Thuy

From: French, David <French.David@epa.gov>
Sent: Friday, February 19, 2021 1:02 PM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>
Cc: Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Attached are the new figures for the product samples.

The colors on Product Analysis #1 might not be the best, but the colors coordinate with the other figures where each PFAS compound is one color.

David

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Friday, February 19, 2021 12:26 PM
To: French, David <French.David@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>
Cc: Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

I talked to Yaorong, and he said the reanalysis of the product directly from production line does not have PFOA.
So if spike was done for the reanalysis, we will report the reanalysis. Otherwise we will report the original data, minus PFOA for product form production line.
We probably won't know if spike was done until Monday, but I need to get a draft to Kimberly today
David, can you please make 2 graphs for product samples from these 2 files.
Thank you
Thuy

From: French, David <French.David@epa.gov>
Sent: Friday, February 19, 2021 9:18 AM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>
Cc: Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Here is the graph with the latest QAO reviewed rinsate data.

David

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Thursday, February 18, 2021 7:37 PM
To: Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>; French, David <French.David@epa.gov>
Cc: Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Thanks Yan
You are still working?

If you can't finish the results of the products today, I can finish the write up for them on Monday. I will finalize the write up for the rinsates tomorrow, after David updates the graph for me.
David – here is the spreadsheet that Yaorong sent me. It's a cleaner version of Yan's. Please use this to redo the graph for the rinse samples only
Thanks
Thuy

From: Liang, Yan Ling <Liang.YanLing@epa.gov>
Sent: Thursday, February 18, 2021 7:27 PM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>; French, David <French.David@epa.gov>

Cc: Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: Latest PFAS spreadsheets from QAO

Just a minor note, see comments

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Thursday, February 18, 2021 2:56 PM
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

All
Attached is the latest draft of the cover memo based on what we discussed yesterday. Please review and comment
Paul
Not sure what you mean by "trend" in your suggested edits, but I hope I include your "thoughts" in limitation #3.

After I get all the comments/suggestions/edits back, I will clean it up and send it to Kimberly for her review before I make it final

Thank you
Thuy

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