

**TNI Chemistry FoPT Subcommittee
Meeting Summary
February 28, 2012**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on February 28, 2012 at 12:05 EST. Attendance is recorded in Attachment A. There were 7 members on the call.

2. NPW FoPT Tables

Benzidine

Concerns were raised that the issues associated with this analyte made the committee question whether this analyte should be kept. There are issues with the method. The study data ranged between 249 ug/L and 813 ug/L. It failed the Mean R^2 Eval > 0.9 test. Should it be a presence/absence test if run by GC/MS? Dan D. raised the issue that labs are reporting quantitative results and a presence/absence PT seems inappropriate.

Stephen motioned to delete Benzidine from the NPW FoPT table. The motion was seconded by Dan D. There was no further discussion. The motion was unanimously approved.

3,3'-Dichlorobenzidine

This is another analyte that is a challenge. The PDF file is dated October 20, 2010. It failed the Stdev R^2 Eval > 0.75 criteria. The study data fell between 35.8 and 190 ug/L. Issues were raised about the method. The GC/MS method is more of a screening method and results are not really quantitative.

A motion was made by Stephen to delete 3,3'-Dichlorobenzidine on the NPW FoPT accreditation table. The motion was seconded by Jeff. There was no further discussion. The motion was unanimously approved.

Bis(2-Chloroethoxy)methane

The PDF was originally sent by Jeff on 10-25-10. The study concentration was 13.8 – 192 ug/L.

A motion was made by Dan to keep the current concentration limits for Bis(2-Chloroethoxy)methane on the NPW FoPT accreditation table as 10-200 ug/L and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff

(dated 10-25-2010). The motion was seconded by Joe. There was no further discussion. The motion was unanimously approved.

Bis(2-Chloroethyl)ether

The study concentration was 13.8 - 183 ug/L. It passed the SOP criteria. The current lower limit is 10 ug/L. There is some curling up on the lower end, so Carl would recommend changing the lower concentration to 20 ug/L. Jeff noted that there is not a failure rate problem. Stacey's reporting limit is 10 ug/L and she would prefer to see the PT at 20 ug/L.

A motion was made by Dan D. to change the current concentration limits for Bis(2-Chloroethyl)ether on the NPW FoPT accreditation table to 20 – 200 ug/L and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-25-2010). The motion was seconded by Stacey. The motion was unanimously approved.

Bis(2-Chloroisopropyl) ether

The study concentration was 31.6 - 194 ug/L. It passed SOP criteria. The current lower limit is 30 ug/L. The recovery appears to be in the 75-80% range. Jeff thinks the lower concentration needs to stay at 30 ug/L because of an issue with a splitting peak.

A motion was made by Joe to continue to use a concentration limit of 30 – 200 ug/L for Bis(2-Chloroisopropyl) ether on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-25-2010). The motion was seconded by Dan D. and unanimously approved.

Benzyl Alcohol

This would be a new analyte. The study concentration was 31.8 - 171 ug/L. Carl would recommend a lower limit of 30 ug/L. Would the committee need to use the new SOP developed by the PTEC in order to add a new analyte? Carl thought anything already under consideration should be OK to continue to consider. Dan D. pointed out that all the data is from one provider and more data should be included. Other committee members agreed. The analyte will be deferred until all the other analytes have been reviewed. Other PT providers do offer this analyte and Stacey does run it as a PT.

N-Nitrosodimethylamine

The PDF was originally sent out by Jeff on 10-27-10. The study concentration was 20.4 – 193 ug/L. The analyte failed the Mean R^2 Eval > 0.9 and Stdev R^2 Eval > 0.75 criteria. Carl commented that this may be a candidate for elimination or it should be left as is. Jeff noted that a reason to keep it would be that it is an early eluter. Jeff recalled that the old data had the same issues as the new data. The current concentration range is 75 -200 ug/L

and recovery is around 50%. The committee decided to look at the other N-Nitroso analytes and then come back to this one.

N-Nitroso-di-n-propylamine

The study concentration was 32.6 – 176 ug/L and it passed SOP criteria. The current concentration limits are 30-140 ug/L. Carl recommended extending these to 30-200 ug/L in order for consistency with other analytes. Stephen's examination of the PDF shows the lower end should be closer to 40 ug/L.

A motion was made by Dan D. to use a concentration limit of 30 – 200 ug/L for N-Nitroso-di-n-propylamine on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-27-2010). The motion was seconded by Stacey and unanimously approved.

N-Nitrosodiphenylamine

The study concentration was 37.3 - 192 ug/L. It passes SOP criteria. The current lower limit is 30 ug/L.

A motion was made by Stacey to keep the concentration limit of 30 – 200 ug/L for N-Nitrosodiphenylamine on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-27-2010). The motion was seconded by Dan D. and unanimously approved.

3. Action Items

See action item table in attachments.

4. New Business

None.

5. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be March 13, 2012, at 12:00 PM EST.

Action Items are included in Attachment B and Attachment C includes a listing of reminders.

Stephen motioned to adjourn the meeting and Joe seconded the motion. Unanimously approved. The meeting was adjourned at 1:30 pm EST.

Attachment A

Participants TNI Chemistry FoPT Subcommittee

Members	Affiliation	Contact Information
Carl Kircher, Chair Present	Florida DOH	904-791-1574 carl_kircher@doh.state.fl.us
Joe Marotti Present	RT Corp	307-721-5485 jmorotti@rt-corp.com
Amy Doupe Absent	Lancaster Laboratories, Inc.	717-656-2300 x1812 aldoupe@lancasterlabs.com
Jeff Lowry Present	Other	lowjc@aol.com
Mark Mensik Present	Wibby Environmental	303-940 -0033 MMensik@wibby.com
Eric Smith Absent	TestAmerica	615-726-0177 x1238 eric.smith@testamericainc.com
Dan Tholen Absent	A2LA	231-929-1721 Tholen.dan@gmail.com
Stephen Arpie Present	Absolute Standards, Inc.	203-281-2917 stephenarpie@mac.com
Dan Dickinson Present	New York, DOH	518-485-5570 dmd15@health.state.ny.us
Stacey Fry Present	E.S. BABCOCK & Sons, Inc.	951-653-3351 x238 sfry@babcocklabs.com
Ilona Taunton, Program Administrator Present	TNI	828-712-9242 tauntoni@msn.com

Attachment B

Action Items – Chemistry FoPT Subcommittee

	Action Item	Who	Expected Completion	Actual Completion
13.	Prepare letter to ABs to find out their needs on analytes that may be under consideration for deletion. <i>(3/24/09 – It was determined that these tables are used by more than just ABs. This needs to be reconsidered.)</i>	TBD	Ongoing	
87	Discuss views on dropping problem analytes with the PTP EC.	Carl	Next PTP EC Meeting	
88				
89				

Attachment C

Backburner / Reminders – Chemistry FoPT Subcommittee

	Item	Meeting Reference	Comments
1	Review summary data to see if it supports a change in the acceptance criteria for DW analytes (For example, VOA, 30% instead of 20%). If data is supportive, Jeff Lowry will approach ELAB.	10-30-08	<p>3/10/09 - Jeff has approached ELAB. They would be happy to put it in a work group – and pass it along with a letter to EPA. We need to provide them with the data.</p> <p>2/23/10: Jeff will forward the VOA data. Jeff noted that the data supports the tighter limits. He will provide the information to ELAB and they will decide whether to approach EPA.</p> <p>5/4: Jeff is working with ELAB on this now.</p> <p>7/19: The workgroup is continuing to work on this and should discuss this on the September 2010 call.</p> <p>9/21: No work has been done in ELAB – so this has been delayed a month.</p>
4	Consider nomenclature differences between the analyte codes and the FoPT tables.	2-23-10	
6	From PT Board: South Carolina requested that low level EDB and DBCP (8011) be added to the NPW table.	4-15-10 PT Board Meeting	They were added to the solids table where they were experimental. They were not experimental on the NPW table.
7	Review completed NPW table and look for grouped analytes that behave similarly and look for consistent criteria. Compare results to Drinking Water values too.	11-30-10	

	Item	Meeting Reference	Comments
9			