

**TNI Chemistry FoPT Subcommittee
Meeting Summary
March 13, 2012**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on March 13, 2012 at 12:05 EST. Attendance is recorded in Attachment A. There were 7 members on the call.

Stephen made a motion to accept the minutes prepared from the February 28, 2012 meeting. The motion was seconded by Stacey and unanimously approved.

2. NPW FoPT Tables

N-Nitrosodimethylamine

The PDF was originally sent by Jeff on 10-27-10. The study concentration was 20.4 – 193 ug/L. None of the correlation equations passed the SOP criteria. Joe commented that the pass/fail rate is typical and does not appear to behave badly in studies, but the windows are large. Carl noted if the analyte is kept, the range should be expanded to 50-200 ug/L. It is currently 75-200 ug/L.

Dan D. made a motion to eliminate N-Nitrosodimethylamine as a PT on the NPW FoPT accreditation table. No second was received and the motion was removed.

Jeff noted it is a first eluter and it is an important analyte that states would want to have on the accreditation table.

A motion was made by Jeff to keep the current concentration limits for N-Nitrosodimethylamine on the NPW FoPT accreditation table as 75-200 ug/L and to continue to use the current regression equation. The motion was seconded by Joe.

Discussion:

Joe noted labs are using HPLC to analyze this analyte. It is currently a hard analyte to fail.

Vote: 6 – For 1 – Against (Nothing is known about the correlation coefficient calculations from the old data.) 0 – Abstentions. The motion passes.

Jeff noted that in 2004, the correlation coefficients kept were those from 2000. The equation is 11 years old and he is not sure it would pass today's criteria. Dan asked to amend his vote from an Abstention (doesn't have enough information regarding the

correlation coefficients for the new calculation.) to an Against. This change is now reflected in the vote.

Nitrobenzene

The study concentration was 16.8 - 189 ug/L. It passed the SOP criteria. The current limits are 20 - 190 ug/L. Jeff noted it has a nice equation.

A motion was made by Dan T. to change the current concentration limits for Nitrobenzene 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 10-18-2010). The motion was seconded by Stacey and unanimously approved.

2,4-Dinitrotoluene

The study concentration was 26.7 - 182 ug/L. It passed SOP criteria. The current limits are 20-190 ug/L.

A motion was made by Jeff to change the concentration limit to 20 – 200 ug/L for 2, 4-Dinitrotoluene on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-18-2010). The motion was seconded by Dan T. and unanimously approved.

2,6-Dinitrotoluene

The study concentration was 22.3 - 187 ug/L. It passes SOP criteria. Jeff noted that review of the graph and information should lead the committee to consider updating the SOP the committee uses to develop limits.

A motion was made by Stephen to change the concentration limit to 20 – 200 ug/L for 2, 6-Dinitrotoluene on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-18-2010). The motion was seconded by Jeff. and unanimously approved.

Dibenzofuran

The study concentration was 20.4 – 193 ug/L. The analyte failed the Stdev R² Eval > 0.75 criteria. Stacey's laboratory data shows that 200 ug/L for an upper limit may be difficult. Recovery data is about 80% of the assigned value. The current range is 30 – 125 ug/L. Joe noted that he thought most labs calibrate up to 200 ug/L.

A motion was made by Joe to change the concentration limit to 30 – 200 ug/L for Dibenzofuran on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-18-2010). The motion was not seconded. The motion was removed.

Jeff noted that the older equation also had some problems. He felt the new equation actually looks better.

A motion was made by Jeff to change the concentration limit to 30 – 200 ug/L for Dibenzofuran on the NPW FoPT accreditation table and keep the current regression equation with the abcd coefficients described in the current table. The motion was seconded by Joe and unanimously approved.

Isophorone

The study concentration was 33.9 – 192 ug/L and it passed SOP criteria. The current concentration limits are 30-140 ug/L. Carl would like to see the range increased to 200 ug/L. Stacey calibrates 10-80 ug/L.

A motion was made by Dan D. to use a concentration limit of 20 – 200 ug/L for Isophorone on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-18-2010). The motion was seconded by Joe 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 27, 2012, at 12:00 PM EST. *(Note: March 27, 2012 call was canceled. Not enough subcommittee members called in.)*

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

Stephen motioned to adjourn the meeting and Stacey seconded the motion. Unanimously approved. The meeting was adjourned at 1:36 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	Sigma-Aldrich RTC	307-721-5485 jmorotti@sial.com
Amy Doupe Absent	Lancaster Laboratories, Inc.	717-656-2300 x1812 aldoupe@lancasterlabs.com
Jeff Lowry Present	Wibby Environmental	720-560-2232 Jlowry@wibby.com
Mark Mensik Absent	Wibby Environmental	303-940 -0033 MMensik@wibby.com
Eric Smith Absent	TestAmerica	615-726-0177 x1238 eric.smith@testamericainc.com
Dan Tholen Present	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> <p>3/13: Data has been passed along and this item will be removed from this table.</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

	Item	Meeting Reference	Comments
			the NPW table. 3/13: Close out on Subcommittee table and bring up at PTEC meeting. New member is from SC and they can use the new SOP for adding analytes to address this.
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	
9			