

**TNI Chemistry FoPT Subcommittee
Meeting Summary
February 2, 2010**

1. Roll call and Meeting Minutes:

Co-Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on February 2, 2010, at 12:08pm EST. Attendance is recorded in Attachment A.

The minutes from the January 19th meeting were reviewed for approval. Steve motioned to accept the minutes and Jeff seconded the motion. The motion was unanimously approved and these minutes will be posted to the TNI website.

There were 10 people on the call today.

There was a question about proxy votes. How do they work? Ilona will look into this and include the information into today's minutes:

Added 2/6/10: The TNI bylaws do not allow proxy voting. It is preferred that votes not be given before a call so that the absent member can read the actual motion. A committee/board member who was not present at a teleconference meeting will be given the opportunity to cast an electronic vote within seven (7) days of the teleconference in which the vote occurred when a motion is not passed by a majority of the total committee/board membership.

2. NPW FoPT Table

Dan Dickinson suggested the following footnote:

19) Design criterion for Turbidity - Formazin is the source for Turbidity.

Any analytes approved today will be added to the table and then Jeff will send out the complete table to the subcommittee before the next meeting on 2-9-10.

3. PT Acceptance Limits

NPW Analytes

Volatile Aromatics

Naphthalene

Passed all criteria. There was a concentration range of 9-185 ug/L. There is a concentration of outliers above 60 ug/L. Jeff would suggest a regression equation

and a concentration range of 10 -150 ug/L. Eric suggested 15 – 150 ug/L. At 15 ug/L, the PTRL would be 6.3 ug/L.

A motion was made by Eric for a concentration range of 15 - 150 ug/L with the newly derived regression equation with the coefficients presented in the table distributed by Jeff on 2/1/10 for naphthalene. The motion was seconded by Stacie and the motion passed unanimously.

1,2,4-Trichlorobenzene

Passed all criteria. Jeff recommends the new regression equation and 20 -200 ug/L. At 20 ug/L, the PTRL would be 6.6 ug/L. At 15 ug/L, the PTRL would be 4.3 ug/L. This is similar to the dichlorobenzenes. Eric suggested 15 – 150 ug/L.

A motion was made by Jeff for a concentration range of 15 - 150 ug/L with the newly derived regression equation with the coefficients presented in the table distributed by Jeff on 2/1/10 for 1,2,4-Trichlorobenzene. The motion was seconded by Dan Tholen and the motion passed unanimously.

Herbicides

Pentachlorophenol

It meets all our criteria. The data concentration range was 2.5 – 41 ug/L. Herbicides on the table today are 2-10 ug/L. Dan Dickinson expressed a concern that you can see a 30% recovery. The limits are too wide – it makes it qualitative instead of quantitative. Why put this on the table? Carl noted that if it is not put on the table, the labs would need to continue to use the BNA limits. Jeff noted that ABs are accrediting for this analyte at very wide LCS limits. There are no specific control limits imposed in Method 615.

Carl recommended 5-50 ug/L with the new regression equation. Eric asked about setting it where the other herbicides are. Eric also noted that if it is not added to the table under the Herbicide heading he would like to see a footnote added to Pentachlorophenol within the BNA section that states that the PT is not required to be run to be accredited for Herbicides. Currently, some states require that a lab run the BNA PT if a lab is accredited for 8151 for Pentachlorophenol.

After reviewing all the herbicide data, Jeff recommended that the low level should be 5 ug/L. This is in agreement with the concerns Dan Dickinson expressed. Carl asked what problems the lab would have with a range of 5-50 ug/L. The PTRL at a low concentration of 5 ug/L is 1.6 ug/L. The PTRL at a low concentration of 2 ug/L is 0.7 ug/L. Eric noted that he would be OK with 2-20 ug/L.

A motion was made by Jeff for a concentration range of 2-20 ug/L with the newly derived regression equation with the coefficients presented in the table distributed

by Jeff on 2/1/10 for Pentachlorophenol. The motion was seconded by Steve. There were 9 affirmative votes and 1 “No”. The motion carries.

More Dual Purpose Analytes

Eric noted that there are more dual purpose analytes on the NPW FoPT table – Hexachlorobenzene, Hexachlorocyclopentadiene, Dinoseb, and 4-Nitrophenol. Jeff noted that there was insufficient data to look at these analytes as dual purpose. Eric asked if a footnote should be developed for these analytes so that it is clear that a PT is not needed for the alternative methods where there is insufficient data? It would clear up the current problem where we have inconsistent implementation. Another option is to use clear headers on the table and define how the headers should be used.

Eric made a motion that 4 - Nitrophenol not be added to the Herbicides list, Hexachlorobenzene and Hexachlorocyclopentadiene not be added to the Pesticides list (only listed in the Base/Neutrals list) and not add Dinoseb to the Base/Neutrals list. Make sure an explanatory footnote provided for these headers reflects the intended analysis. The motion was seconded by Dan Dickinson.

Discussion: Jeff is looking for guidance on what needs to be included in the footnotes. Carl will draft some language. Chuck asked how these headers tie in with the state’s scope of accreditations.

There were 8 affirmative votes and 2 abstentions. The motion carries.

Hexachlorobutadiene

It passes all criteria. Limits of 10 -160% were seen. Jeff did not recommend it as a Volatile Halocarbon PT. He recommended that labs accredited by 8260 for this analyte should not run a PT. If they are accredited for this analyte by 8270, they should run a PT. Dan Dickinson noted that ABs should question why they are offering a Volatile accreditation for such a poorly performing analyte.

There were 22 studies with a failure rate of 5.8% running Hexachlorobutadiene by the volatile method using the BN limits.

Carl suggested that “Extractable” and “Purge and Trap” headers should take care of the issue – it will be listed under B/N and not under VOA.

Eric made a motion that Hexachlorobutadiene not be added to the volatile organic list with any PT acceptance limits or concentration range. The motion was seconded by Jeff and unanimously approved.

Chuck would like to move onto the Solids and Chemical Waste table instead of working on more new analytes. Eric is in agreement. Leave what has been done (the subcommittee did look at analytes beyond the experimental analytes as originally planned), but move on at this point. The subcommittee will not look at the extra volatile organics at this time.

Summary – NPW FoPT Table

Analyte	FoPT Category	Concentration Range	Acceptance Limits
Naphthalene	Volatile Aromatics	15 - 150 ug/L	Newly derived regression equation with the coefficients presented in the table distributed by Jeff on 2/1/10.
1,2,4-Trichlorobenzene	Volatile Aromatics	15 - 150 ug/L	Newly derived regression equation with the coefficients presented in the table distributed by Jeff on 2/1/10.
Pentachlorophenol	Herbicides	2 - 20 ug/L	Newly derived regression equation with the coefficients presented in the table distributed by Jeff on 2/1/10.

3. New Items

- Cancel conference call for 3/2/10 due to PittCon.

4. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be February 9, 2010, at 12PM EST.

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

The meeting ended at 1:32 pm EST. (Motion - Jeff, Second- Dan tholan. Unanimously approved.)

Attachment A

Participants TNI Chemistry FoPT Subcommittee

Members	Affiliation	Contact Information
Carl Kircher, Co-Chair Present	Florida DOH	904-791-1574 carl_kircher@doh.state.fl.us
Brian Boling, Co-Chair Absent	Oregon DEQ	Boling.Brian@deq.state.or.us
Amy Doupe Present	Lancaster Laboratories, Inc.	717-656-2300 x1812 aldoupe@lancasterlabs.com
Jeff Lowry Present	ERA	303-431-8454 jlowry@eraqc.com
Chuck Wibby Present	Wibby Environmental	303-940 -0033 cwibby@wibby.com
Eric Smith Present	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
Jim Present		860-947-2121 mousejr@nu.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	TBD	
22.	Prepare for upcoming meetings by reviewing evaluation files that Jeff will send every 2 weeks.	All	Ongoing	
43	Prepare cover letter to go to PT Board with recommendation of the DW FoPT Table. Include discussion on Chloramben.	Carl	1/4/10	Complete
44	Prepare DRAFT presentation for PT Caucus and distribute to subcommittee for comment.	Carl	1/19/09	Deleted
46	Re-evaluate experimental volatile halocarbons for fixed limits when the rest of the volatile halocarbons are evaluated for an NPW table update.	All	On-going	
47	Prepare NPW FoPT Table with updates.	Jeff	2/8/10	
48	Take a look for new analytes (dual purpose analytes) and Pentachlorophenol. Include this data for the next call.	Jeff	2/2/10	Complete
49	Provide footnotes to Jeff for dual purpose analytes that are not being added to the table as a new PT.	Carl (All)	2/5/10	

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	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.
3	Consider changing the lower limit for Vanadium on WP to 50 ug/L.	6-30-09	
4			
5			