

TNI Chemistry FoPT Subcommittee
Meeting Summary
February 22, 2011

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on February 22, 2010 at 12:10 EST. Attendance is recorded in Attachment A. There were 7 members on the call today.

The minutes from the February 8th meeting were reviewed. Jeff noted that there was one additional change needed to the January 11th minutes. The Trimethylbenzenes should have been +/-35% and 10-120 ug/L. Carl confirmed. Dan Tholan motioned to accept the minutes with the change. The motion was seconded by Chuck. The minutes were unanimously accepted except for one abstention by Jeff because he was not present at the meeting. The minutes will be forwarded to the TNI webmaster.

2. NPW FoPT Tables

1,2,4-Trimethylbenzene was examined on 1/11/11. Eric noticed that the graph opens up on the low end and is requesting that the limit be +/- 40%. Carl noted that he thinks the limits should be the same for both Trimethylbenzenes (1,2,4 – and 1,3,5-). Jeff noted that one study may account for the issue Eric is seeing. The committee will leave the analyte as is.

Xylenes

The PT Exec Committee has not made a decision yet. This will be revisited in a future meeting.

Tetrachloroethene

The study concentration was 10.3 - 147 ug/L. It passes all SOP criteria. It does not meet SOP criteria for fixed limits. The failure rate on the present regression equation is about 4.1% and it is tighter than the new regression equation.

A motion was made by Eric to leave the current regression equation and concentration range (10-150 ug/L) in place for Tetrachloroethene on the NPW FoPT table. The motion was seconded by Chuck and unanimously approved.

(Eric had to leave the call. There are still 6 members on the call.)

1,2-Dichloropropane

The study concentration was 12.7 - 175 ug/L. It passes all SOP criteria. It also passes the fixed limit test with a suggested limit of +/- 26.5%. The older equation had a low failure rate. Dan Tholan asked if a fixed limit of 30% is an issue at the lower end. Jeff did not think it was a problem.

A motion was made by Dan Tholan to update the limits for 1,2-Dichloropropane on the NPW FoPT accreditation table to fixed +/- 30% of the assigned value and a concentration range of 10 – 150 ug/L. The motion was seconded by Stacey and unanimously approved.

trans-1,3-Dichloropropene and cis-1,3-Dichloropropene

The study concentration for trans-1,3-Dichloropropene was 10.4 – 163 ug/L. It passes all SOP criteria. The committee approved cis-1,3-Dichloropropene at 10-150 ug/L. Carl noted a fixed limit looks like it would be +/- 35%. Jeff thought +/- 35% would have also worked on the cis if the committee wants to re-evaluate this analyte.

A motion was made by Jeff to update the limits for trans-1,3-Dichloropropene on the NPW FoPT accreditation table to fixed +/- 35% of the assigned value and a concentration range of 10 – 120 ug/L. The motion was seconded by Dan Tholan and unanimously approved.

Jeff asked to make a motion on cis-1,3-Dichloropropene.

A motion was made by Jeff to update the limits for cis-1,3-Dichloropropene on the NPW FoPT accreditation table to fixed +/- 35% of the assigned value and a concentration range of 10 – 120 ug/L. The motion was seconded by Stacey and unanimously approved.

Dibromomethane

The study concentration was 15.8 - 186 ug/L. It passes all SOP criteria. It also passed the fixed limit test with a suggested limit of +/- 29.5%. This will be a new analyte. There is sufficient data. This is a common analyte for EPA 8260. Jeff thought a concentration range of 10-100 ug/L with a fixed limit of 35% might be appropriate. A motion was noted below.

1,2-Dibromomethane (EDB)

The study concentration was 8.14 - 129 ug/L. It passes all SOP criteria. It passes the fixed limit criteria at 29.8%. This will be a new analyte. There is sufficient data. Jeff suggested a fixed limit of +/- 35% and a concentration range of 10-120 ug/L.

A motion was made by Chuck to update the limits for EDB and Dibromomethane on the NPW FoPT accreditation table to fixed +/- 35% of the assigned value and a concentration range of 10 – 120 ug/L. The motion was seconded by Jeff and unanimously approved.

3. Action Items

- Updates were made directly to the Action Table.

4. New Business

- Jeff will send more graphs before the next call.
- Jeff asked about the reluctance of the group to make motions. Dan Dickinson would prefer to know what we are looking at ahead of the calls - he is slow on making a motion because he wants to look at some of his own data before making a decision. This takes some time. Dan Tholan is comfortable with motions that meet the data, but when extrapolations are made he usually prefers not to make the motion.

5. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be March 8, 2011, at 12:00 PM EST.

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

The meeting was adjourned at 1:10 pm EST. (Motion: DanTholan Second: Dan Dickinson 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
Chris Rucinski Absent	RT Corp	crucinski@rt-corp.com
Amy Doupe Absent	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 Absent	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	TBD	
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	
74	Check with Eric on SC request for low level EDB, DBCP. Send back to PT Executive Committee.	Carl	10/26/10	BCP
76	Check with PT Executive Committee to find out when they would like the current work on the NPW and SCM tables to be completed.	Carl	11/16/10	Hold
80	Contact ACLASS to check on possible member for subcommittee. Lab candidate can start as an associate member.	Carl	2/22/11	
81	Provide additional graphs by next call.	Jeff	3/8/11	

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>
3	Consider changing the lower limit for Vanadium on WP to 50 ug/L.	6-30-09	
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	11-30-10	

	grouped analytes that behave similarly and look for consistent criteria. Compare results to Drinking Water values too.		
8	Follow-up on Xylene question sent to PT Executive Committee.	1-11-11	