

**TNI Chemistry FoPT Subcommittee
Meeting Summary
February 8, 2011**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on February 8, 2010 at 12:04 EST. Attendance is recorded in Attachment A. There were 8 members on the call today.

The minutes from the January 11th meeting were reviewed. Eric e-mailed the subcommittee some changes for the Xylene section on 1/25/11. Eric motioned to accept the minutes with the changes. The motion was seconded by Stacey and unanimously approved. The minutes will be forwarded to the TNI webmaster.

The minutes from the January 25th meeting were reviewed. Eric motioned to accept the minutes. The motion was seconded by Stacey and unanimously approved. The minutes will be forwarded to the TNI webmaster.

2. SCM and NPW FoPT Tables

Carl forwarded a SCM and NPW FoPT table to the subcommittee for review on 2-7-11. The subcommittee determined that no action was needed. The PT Executive Committee is taking responsibility for finalizing these tables.

Jeff has been working with Eric and the 2003 Standard non-compliant analytes have been removed from the tables. Eric will be distributing these to the PT Exec Committee for voting.

3. NPW FoPT Tables

Chloroform

The study concentration was 14 – 93 ug/L. It passes all SOP criteria. It passed test for fixed limits with a suggested fixed limit of +/- 26.3%. The DW is fixed by regulation and is +/- 20%.

A motion was made by Eric to update the limits for Chloroform on the NPW FoPT accreditation table to fixed +/- 30% of the assigned value and a concentration range of 10 – 100 ug/L. The motion was seconded by Stephen and unanimously approved.

Bromodichloromethane

The study concentration was 8.6 - 112 ug/L. It passes all SOP criteria. The acceptance limits are about 70-130% on the upper end and then it widens to about 70-145% on the lower end.

A motion was made by Stephen to update the limits for Bromodichloromethane on the NPW FoPT accreditation table to fixed +/- 40% of the assigned value and a concentration range of 10 – 100 ug/L. The motion was seconded by Stacey and unanimously approved.

Dibromochloromethane (Chlorodibromomethane)

The study concentration was 9.9 - 133 ug/L. It passes all SOP criteria. It also passed the fixed limit test with a suggested limit of +/- 29.7%.

A motion was made by Stephen to update the limits for Dibromochloromethane on the NPW FoPT accreditation table to fixed +/- 40% of the assigned value and a concentration range of 10 – 100 ug/L. The motion was seconded by Stacey and unanimously approved.

Bromoform

The study concentration was 12.9 – 96.8 ug/L. It passes all SOP criteria. It also passed the fixed limit test with a suggested limit of +/- 35.2%.

A motion was made by Eric to update the limits for Bromoform on the NPW FoPT accreditation table to fixed +/- 40% of the assigned value and a concentration range of 10 – 100 ug/L. The motion was seconded by Stephen and unanimously approved.

Trans-1,2-Dichloroethene

The study concentration was 12 - 138 ug/L. It passes all SOP criteria. It also passed the fixed limit test with a suggested limit of +/- 37.3%.

A motion was made by Eric to update the limits for Trans-1,2-Dichloroethene the NPW FoPT accreditation table to fixed +/- 40% of the assigned value and a concentration range of 10 – 120 ug/L. The motion was seconded by Stephen and unanimously approved.

1,1,1-Trichloroethane

The study concentration was 10.5 – 89.4 ug/L. It passes all SOP criteria. It did not pass the fixed limit criteria. Graphs suggest that +/- 40% would be appropriate.

A motion was made by Jeff to add 1,1,1-Trichloroethane to the NPW FoPT accreditation table with a fixed limit of +/- 40% of the assigned value and a concentration range of 10 – 100 ug/L. The motion was seconded by Stacey and unanimously approved.

1,1-Dichloroethene

The study concentration range was 15 – 149 ug/L. It meets SOP criteria. It does not meet fixed limit criteria. The graphs suggest that a fixed limit of +/- 45% would be appropriate. The high end should not be higher than 120 ug/L.

A motion was made by Eric to update the limits for 1,1-Dichloroethene on the NPW FoPT table to the regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-8-10) and a concentration range of 10 – 120 ug/L. The motion was seconded by Chuck and unanimously approved.

1,2-Dichloroethane

The study data range was around 13.2 – 148 ug/L. It meets SOP criteria. Did not pass regression criteria. Looks like the concentration range should start at 15 ug/L. 15-150 ug/L was suggested.

A motion was made by Eric to update the limits for 1,2-Dichloroethane on the NPW FoPT table to the regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-8-10) and a concentration range of 15 – 150 ug/L. The motion was seconded by Chuck and unanimously approved.

Carbon tetrachloride

The study concentration was 12 – 137 ug/L. It passes all SOP criteria. Passed fixed limit criteria at 38.1%.

A motion was made by Eric to update the limits for Carbon tetrachloride on the NPW FoPT table to the regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-11-10) and a concentration range of 15 – 150 ug/L. The motion was seconded by Stephen and unanimously approved.

Methylene Chloride

The study concentration was 11.4 - 122 ug/L. It passes all SOP criteria. It passed fixed limit criteria with +/- 36%. Graphs suggest that +/- 40% would be appropriate.

A motion was made by Eric to add Methylene Chloride to the NPW FoPT accreditation table with a fixed limit of +/- 40% of the assigned value and a concentration range of 10 – 120 ug/L. The motion was seconded by Stephen.

Discussion:

Perhaps 10 ug/L is too low considering possible contamination issues. The subcommittee decided to leave it as is.

The motion passed unanimously.

Trichloroethene

The study concentration was 10.5 – 94.4 ug/L. It passes all SOP criteria. It did not pass the fixed limit criteria, but was close. Graph suggests that +/- 40% might be appropriate.

A motion was made by Eric to leave the current regression equation for Trichloroethene on the NPW FoPT table and update the concentration range to 10 – 100 ug/L. The motion was seconded by Stephen and unanimously approved.

4. Action Items

- No updates were made to the Action Table.

5. New Business

- Get new PTPA involved. Involve new lab person in a few calls and then initially invite as an observer. Carl will call ACLASS and see if they have another interested candidate for the subcommittee.

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be February 22, 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 1:32 pm EST. (Motion: Eric Second: Stephen 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 Present	RT Corp	crucinski@rt-corp.com
Amy Doupe Absent	Lancaster Laboratories, Inc.	717-656-2300 x1812 aldoupe@lancasterlabs.com
Jeff Lowry Present – left when analytes were presented for review.	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 Absent	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	Keep on subcommittee list.
80	Contact ACLASS to check on possible member for subcommittee. Lab candidate can start as an associate member.	Carl	2/22/11	

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.		