TNI Chemistry FoPT Subcommittee
Meeting Summary
April 30, 2013

1. Roll call and Meeting Minutes:

   Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on April 16, 2013 at noon EST. Attendance is recorded in Attachment A. There were 7 members on the call.

   The April 2, 2013 minutes were reviewed. A motion was made by Stephen to approve the minutes. The motion was seconded by Melanie and unanimously approved.

   The April 16, 2013 minutes were reviewed. Jeff noted: Concentration missing from xylene isomer motion. Should be 20-200 o-xylene and m/p-xylene. This will be updated in the minutes. Stephen asked if the analyte limits were fit for use where a statement is made about a departure from the Limit SOP. Carl stated he personally felt they are fit for use. A motion was made by Stephen to approve the minutes with Jeff's addition. Stacey seconded the motion and it was approved unanimously.

   Stephen and Jeff made a general comment to use alternate language when highlighting departures to the Limit SOP. They would like a statement such as: The committee considers the data fit for use or a statement that it is a departure from Section x of the SOP, but conforms to Section x or we applied the procedure and the analyte was found to be fit for use. Carl agrees with the concept of the language, but would prefer to put the statement on the cover page when the limits are submitted. The committee agreed that a general statement will be added to the minutes in the future that contain departures to the SOP.

   Carl would like the following statement added to the minutes: We consider the FoPT recommendations for the SCW FoPTs to be fit for use despite any statement about a departure from the SOP. The SOP makes allowances for departures. Carl will follow-up with the specific section numbers of the SOP that allow for departures.

   Dan had to temporarily step off the call.

2. Settleable Solids

   This issue was raised at the last PTP EC meeting. A lot of labs only have accuracy to 40 mL. It is being requested to change the range on the NPW FoPT table from 5-50mL/L to 5-40mL/L. Jeff confirmed this concern. Jeff suggested collecting some additional information to make a decision. Carl should talk to a few ABs to find out if this is an issue. A number of people went to look at their cones in the lab to examine the graduations. Stephen's is graduated to 100 by 1 mL increments and then jumps to 250. Everyone else who looked is

graduated by 1 mL increments to 40 mL. Carl felt that even though the graduation is 40-50 mL without detailed graduations – it is still clear what the reading is.

Stacey motioned to not change the FoPT values for Settleable Solids. It will be left at 5-50 mL/L. A second was made by Stephen and unanimously approved. Dan Dickinson agreed with this decision before he left the call.

Carl will contact Stacey regarding this decision.

3. SCW FoPT Table

Note: The Subcommittee considers the FoPT recommendations for the SCW FoPTs to be fit for use despite any statement about a departure from the SOP. The SOP makes allowances for departures.

Dichloromethane (Methylene Chloride) 6/2/2011

The study concentration was 28.3 - 197 ug/Kg. It did pass all the SOP criteria. The current lower limit is 20 ug/Kg. It failed the fixed limit tests. A fixed value of +/- 50% would work looking at the graphs. The PDF for this analyte is dated 6/2/2011.

A motion was made by Stephen to use a concentration limit of 20 - 200 ug/Kg for Dichloromethane on the SCM FoPT accreditation table and using a fixed limit of +/- 50% across the range. This is a departure from the SOP since it did not pass the fixed limit criteria. The motion was seconded by Melanie and unanimously approved.

1,1-Dichlorethane

The study concentration was 37.7 - 190 ug/Kg. It passed the SOP criteria. The current lower limit is 20 ug/Kg. It did not pass the fixed limit tests as per the SOP criteria. If fixed values are being considered, Carl would suggest 40-45%. The lab data looks tighter. The PDF for this analyte is dated 6/1/2011.

A motion was made by Stephen to continue to use a concentration limit of 20 - 200 ug/Kg for 1,1-Dichloroethane on the SCM FoPT accreditation table and using a fixed limit of +/- 40% across the range. This is a departure from the SOP since it did not pass the fixed limit criteria. The motion was seconded by Melanie and unanimously approved.

1,1-Dichlorethene

The study concentration was 42.7 - 196 ug/Kg. It passed the SOP criteria. The current lower limit is 40 ug/Kg. It did not pass the fixed limit tests as per the SOP criteria. If fixed values are being considered, Carl would suggest 40-45%.

A motion was made by Jeff to use a concentration limit of 20 - 200 ug/Kg for 1,1-Dichloroethene on the SCM FoPT accreditation table and using a fixed limit of +/- 50% across the range. This is a departure from the SOP since it did not pass the fixed limit criteria. The motion was seconded by Melanie and unanimously approved.

1,2-Dichloroethane

The study concentration was 22.5 - 194 ug/Kg. It passed the SOP criteria. The current lower limit is 20 ug/Kg. It did not pass the fixed limit tests as per the SOP criteria.

A motion was made by Stephen to continue to use a concentration limit of 20 - 200 ug/Kg for 1,2-Dichloroethane on the SCM FoPT accreditation table and using a fixed limit of +/- 40% across the range. This is a departure from the SOP since it did not pass the fixed limit criteria. The motion was seconded by Stacey and unanimously approved.

Trans-1,2-Dichloroethene

The study concentration was 48.7 - 183 ug/Kg. It passed the SOP criteria. The current lower limit is 20 ug/Kg. It did pass the fixed limit tests as per the SOP criteria at 40.7%. There was additional data collected for this analyte.

A motion was made by Joe to continue to use a concentration limit of 20 - 200 ug/Kg for trans-1,2-Dichloroethane on the SCM FoPT accreditation table and using a fixed at assigned value of +/- 40% across the range. This is a departure from the SOP since it did not pass the fixed limit criteria. The motion was seconded by Jeff and unanimously approved.

Cis-1,2-Dichloroethene

The study concentration was 42 - 183 ug/Kg. It passed the SOP criteria. The current lower limit is 20 ug/Kg. It did pass the fixed limit tests as per the SOP criteria at 31.4%. There was additional data collected for this analyte.

A motion was made by Jeff to continue to use a concentration limit of 20 - 200 ug/Kg for cis-1,2-Dichloroethane on the SCM FoPT accreditation table and using a fixed limit at assigned value of +/- 40% across the range. This is a departure from the SOP since it did not pass the fixed limit criteria. The motion was seconded by Stacey and unanimously approved.

1,2-Dichloropropane

The study concentration was 28.2 - 193 ug/Kg. It passed the SOP criteria. The current lower limit is 20 ug/Kg. It did not pass the fixed limit tests as per the SOP criteria. A fixed limit of +/- 40% could be easily established based on the graph.

A motion was made by Jeff to continue to use a concentration limit of 20 - 200 ug/Kg for 1,2-Dichloropropane on the SCM FoPT accreditation table and using a fixed limit at assigned

value of +/- 35% across the range. This is a departure from the SOP since it did not pass the fixed limit criteria. The motion was seconded by Melanie and unanimously approved.

Cis-1,3-Dichloropropene

The study concentration was 48.9-183 ug/Kg. This is a new analyte for the table. There was additional data added. It passes SOP criteria . The current lower limit is 40 ug/Kg. It passed fixed limit criteria at 35.3%.

A motion was made by Joe to use a concentration limit of 20 - 200 ug/Kg for cis-1,3-Dichloropropene on the SCM FoPT accreditation table and using a fixed limit at assigned value of +/- 40% across the range. The motion was seconded by Melanie and unanimously approved.

trans-1,3-Dichloropropene

The study concentration was 43.8 - 193 ug/Kg. This is a new analyte for the table. There was additional data added. It passes SOP criteria . The current lower limit is 40 ug/Kg. It did not pass fixed limit criteria. If fixed limits were considered, they would likely need to be 50%. Melanie and Stacey were OK with the concentration going to 20 ug/Kg. They also felt +/- 45% was possible looking at their data.

A motion was made by Joe to use a concentration limit of 20 - 200 ug/Kg for trans-1,3-dichloropropene on the SCM FoPT accreditation table and using a fixed limit at assigned value of +/- 40% across the range. The motion was seconded by Melanie and unanimously approved.

4. Action Items

See action item table in Attachment B.

5. New Business

- Stephen raised an issue about PTRLs and assigned value. He commented this is being discussed on the PT Expert Committee and input from this committee could be valuable. This will be further discussed on May 14th.

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be May 14, 2013, 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 1:35 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 Morotti **Present**	Sigma-Aldrich RTC	307-721-5485 Joe.morotti@sial.com
Melanie Ollila **Present**	Pace Analytical Services, Inc.	612-607-6352 MOllila@pacelabs.com
Jeff Lowry **Present**	Phenova	720-560-2232 JeffL@phenova.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 **Recorded - Transcribed**	TNI	828-712-9242 tauntoni@msn.com

Attachment B

Action Items – Chemistry FoPT Subcommittee

	Action Item	Who	Expected Completion	Actual Completion
101				

Attachment C

Backburner / Reminders – Chemistry FoPT Subcommittee

	Item	Meeting Reference	Comments
4	Consider nomenclature differences between the analyte codes and the FoPT tables.	2-23-10	
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