

**TNI Chemistry FoPT Subcommittee**  
**Meeting Summary**  
**April 2, 2013**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on April 2, 2013 at noon EST. Attendance is recorded in Attachment A. There were 6 members on the call. (*Note: The last meeting was December 4, 2012.*)

The December 4, 2012 minutes were reviewed. A motion was made by Dan to approve these minutes. The motion was seconded by Steve. Vote: Abstain – 1 Against – 0 For – 5. The motion passed.

Carl asked Jeff to summarize for new members how the tables are used to develop the FoPTs.

2. SCW FoPT Table

Benzene

The study concentration was 23.3 - 182 ug/Kg. It passed the SOP criteria. The current lower limit is 20 ug/Kg. It also passed the fixed limit tests with a suggested criteria of +/- 32.9%. Jeff noted that the group just published the NPW table with fixed limits of +/- 30%. Melanie reports down to 4 ug/Kg.

A motion was made by Stephen to keep the current concentration limits for Benzene on the SCM FoPT accreditation table at 20 – 200 ug/Kg and use a fixed limit of +/- 35%. The motion was seconded by Dan. The motion was unanimously approved.

Toluene

The study concentration was 26.1 - 184 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. The NPW table for this analyte is +/- 30%. Applying fixed limits is a departure from the SOP.

A motion was made by Stephen to keep the current concentration limits for Toluene on the SCM FoPT accreditation table at 20 – 200 ug/Kg and use a fixed limit of +/- 35%. The motion was seconded by Jeff. The motion was unanimously approved.

Ethylbenzene

The study concentration was 29.8 - 184 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 a fixed limit is

being looked at, Melanie would prefer to see 40%. Applying fixed limits is a departure from the SOP.

A motion was made by Melanie to keep the current concentration limits for Ethylbenzene on the SCM FoPT accreditation table at 20 – 200 ug/Kg and use a fixed limit of +/- 40%. The motion was seconded by Stephen. The motion was unanimously approved.

#### Xylenes, Total

The study concentration was 36.3 - 439 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. Applying fixed limits is a departure from the SOP.

A motion was made by Jeff to keep the current concentration limits for Xylenes, Total on the SCM FoPT accreditation table at 40 – 400 ug/Kg and use a fixed limit of +/- 45%. The motion was seconded by Stephen. The motion was unanimously approved.

Jeff brought up the recommendation of adding m/p-Xylenes and o-Xylene to the SCM FoPT table, as was done for the NPW FoPT table. When asked if there was enough PT data, Jeff referred to the footnote in the current SCM FoPT Table that says that all three Xylenes must be spiked into the PT for Total Xylenes. We could recommend the same acceptance criteria, with the concentration ranges of m/p-Xylene and o-Xylene being one-half of the range recommended for Total Xylenes (as was done in the FoPT Table). Dan wanted more time to think about this, so this will be discussed at the next meeting.

#### Styrene

The study concentration was 45.1 - 193 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. Applying fixed limits is a departure from the SOP.

A motion was made by Dan to keep the current concentration limits for Styrene on the SCM FoPT accreditation table at 40 – 200 ug/Kg and use a fixed limit of +/- 35%. The motion was seconded by Stephen. The motion was unanimously approved.

#### Naphthalene

The study concentration was 45.1 - 193 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. Applying fixed limits is a departure from the SOP.

A motion was made by Stephen to keep the current concentration limits for Naphthalene on the SCM FoPT accreditation table at 40 – 200 ug/Kg and use a fixed limit of assigned value +/- 50%. The motion was seconded by Melanie. The motion was 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 April 16, 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 Melanie seconded the motion. Unanimously approved. The meeting was adjourned at 1:28 pm EST.

## Attachment A

### Participants TNI Chemistry FoPT Subcommittee

Members	Affiliation	Contact Information
Carl Kircher, Chair <b>Present</b>	Florida DOH	904-791-1574 <a href="mailto:carl_kircher@doh.state.fl.us">carl_kircher@doh.state.fl.us</a>
Joe Marotti <b>Present</b>	Sigma-Aldrich RTC	307-721-5485 <a href="mailto:jmorotti@sial.com">jmorotti@sial.com</a>
Melanie Ollila <b>Present</b>	Pace Analytical Services, Inc.	612-607-6352 <a href="mailto:MOllila@pacelabs.com">MOllila@pacelabs.com</a>
Jeff Lowry <b>Present</b>	Phenova	720-560-2232 <a href="mailto:JeffL@phenova.com">JeffL@phenova.com</a>
Stephen Arpie <b>Present</b>	Absolute Standards, Inc.	203-281-2917 <a href="mailto:stephenarpie@mac.com">stephenarpie@mac.com</a>
Dan Dickinson <b>Present</b>	New York, DOH	518-485-5570 <a href="mailto:dmd15@health.state.ny.us">dmd15@health.state.ny.us</a>
Stacey Fry <b>Absent</b>	E.S. BABCOCK & Sons, Inc.	951-653-3351 x238 <a href="mailto:sfry@babcocklabs.com">sfry@babcocklabs.com</a>
Ilona Taunton, Program Administrator <b>Present</b>	TNI	828-712-9242 <a href="mailto:tauntoni@msn.com">tauntoni@msn.com</a>

**Attachment B**

**Action Items – Chemistry FoPT Subcommittee**

	<b>Action Item</b>	<b>Who</b>	<b>Expected Completion</b>	<b>Actual Completion</b>
100	Distribute SCW data for review.	Jeff	11/30/12	Complete
101				

Attachment C

**Backburner / Reminders – Chemistry FoPT Subcommittee**

	<b>Item</b>	<b>Meeting Reference</b>	<b>Comments</b>
4	Consider nomenclature differences between the analyte codes and the FoPT tables.	2-23-10	
9	Prepare a News flash and article when the new NPW FoPT table is approved.	9-25-12	Complete
10			