

**TNI Chemistry FoPT Subcommittee**  
**Meeting Summary**  
**June 25, 2013**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on June 25, 2013 at noon EST. Attendance is recorded in Attachment A. There were 5 members on the call. (*Note: There has been no meeting since May 14, 2013.*)

The April 30, 2013 minutes were reviewed. Melanie made a motion to accept the minutes. The motion was seconded by Joe and unanimously approved.

The May 14<sup>th</sup> minutes were reviewed. Ilona commented that the Excel Summary table dated April 30<sup>th</sup> received from Jeff Lowry stated that EDB did not pass fixed limit criteria. Carl's table does not have the same information – his table states it passed criteria. He will send a copy of his table to Ilona and she will contact Jeff to figure out what is correct. The minutes will reflect the correction and be reviewed for approval at the next meeting.

2. SCM FoPT Table

Note: FoPT recommendations for the SCM FoPTs are fit for use despite any statement about a departure from the SOP. The SOP makes allowances for departures (Sections 2.5, 2.7, 2.8, 2.9 and 2.15).

Benzene

The study concentration was 1190 - 9860 ug/Kg. It did pass all the SOP criteria. The current lower limit is 1000 ug/Kg. It passed fixed limit criteria at 22.3%. The PDF is dated June 27, 2011. The current concentration range is 1000 – 10,000 ug/Kg. Carl recommended fixed criteria at 30%. Others felt the limits could be tighter because of the methodology. Melanie preferred to see +/- 30%. Dan asked about using the regression equations because the prep methods are very different than low level. Carl would prefer to go with fixed limits to stay consistent with the low level data reviewed previously. He also noted that more of the data for the mid-level passes the fixed limit criteria than what was seen at the low-level, so why wouldn't the subcommittee use the fixed limits like done with the low level. If there is a perception in the community that the high and low level should be handled the same, Dan would prefer that the low-level be handled with regression equations.

The option of tightening the limit to +/- 20% was discussed. Carl would be concerned about tightening a fixed limit to 20% because it would be tighter than drinking water and tighter than a lab's LCS. Melanie and Stacey agreed. Dan commented that these are mid-level analyses in a closed system – he thinks it is acceptable to be tighter. Melanie commented on

implementation in the lab. Her limits are 72-125%. Setting tighter limits than her LCS affects how her lab would have to handle the PTs.

Carl asked the group again to consider previous decisions in deciding what direction the subcommittee should take. It would be difficult to explain why the subcommittee approved departures from the SOP for fixed limits in the past.

No motion was put forth. The subcommittee will consider handling the analytes Carl distributed by e-mail as a group – except for Isopropylbenzene and 1,2,4-Trichlorobenzene.

Carl made the following comments:

- In 2010, Bromobenzene was originally not added to the table. It was added in April 2013 after additional data was received.
- Carl proposed that all other mid-level volatile aromatics should work with a fixed limit of +/- 30%. Dan does not agree that the mid-level Bromobenzene is behaving similarly. Dan feels it may even require a range change.
- Melanie asked which analytes Carl was referring to – the analytes sent out on June 13, 2013. Carl reminded the group that the Subcommittee could elect to reconsider the previous Fixed-Limit recommendations for the low-level Volatile Organics if we wish to do so.

#### Isopropylbenzene

Dan made a motion that Isopropylbenzene not be added to the SCM FoPT table at the mid-level range. This is consistent with what was done for the low-level. The motion was seconded by Melanie.

Discussion: The concern was raised that we have not been consistent about when we do and don't add analytes to the table. Carl commented that all analytes on the Excel table are eligible for addition because they were on the table before the Table Management SOP was completed.

Vote: The motion was unanimously approved.

#### 1,2,4-Trichlorobenzene (mid-level)

The study concentration was 1510 - 9820 ug/Kg. It did pass all the SOP criteria. The current lower limit is 1000 ug/Kg. It passed fixed limit criteria at 33.1%. The PDF is dated June 28, 2011. The current concentration range is 1000 – 10,000 ug/Kg. Back on 5/11/10 the subcommittee set a fixed limit of +/- 50%, but additional data has been received and is now being considered.

A motion was made by Dan to leave the current concentration limit of 2,000 – 10,000 ug/Kg for 1,2,4-Trichlorobenzene on the SCM FoPT accreditation table and update the fixed limit to

+/- 35% across the entire range. 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 July 9, 2013, at 12:00 PM EST.

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

Joe motioned to adjourn the meeting and Stacey seconded the motion. Unanimously approved. The meeting was adjourned at 1:20 pm EST.

## Attachment A

### Participants TNI Chemistry FoPT Subcommittee

<b>Members</b>	<b>Affiliation</b>	<b>Contact Information</b>
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 Morotti <b>Present</b>	Sigma-Aldrich RTC	<a href="tel:307-721-5485">307-721-5485</a> <a href="mailto:Joe.morotti@sial.com">Joe.morotti@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>Absent</b>	Phenova	720-560-2232 <a href="mailto:JeffL@phenova.com">JeffL@phenova.com</a>
Stephen Arpie <b>Absent</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>Present</b>	E.S. BABCOCK & Sons, Inc.	951-653-3351 x238 <a href="mailto:sfry@babcocklabs.com">sfry@babcocklabs.com</a>
Ilona Taunton, Program Administrator	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>
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	
10			