

**TNI Chemistry FoPT Subcommittee
Meeting Summary
January 14, 2014**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on January 14, 2013 at 12:07 EST. Attendance is recorded in Attachment A. There were 5 members on the call.

The last committee meeting was December 17, 2013. The minutes were reviewed. A motion was made by Stephen to accept the minutes with the correction of two typos. The motion was seconded by Stacey and they were unanimously approved.

2. FoPT Analyte Addition Application

Jeff thinks it would be better to get newer data before this is considered. There is one analyte that may not have enough at this point. The PT Providers have been asked to send the data to Carl for masking.

No one had questions about the application. The request is clear.

Later in the meeting Stephen asked if NPW data was wanted. Data in the concentration range submitted is being requested. It can be DW or NPW.

3. SCM FoPT Table

Carl and Dan prepared new data for 5 analytes that were emailed this morning.

1,1-Dichloroethane

The study concentration was 1710 - 9680 ug/Kg. It passed the SOP criteria. The current lower limit is 1500 ug/Kg. It did not pass the fixed limit tests as per the SOP criteria – the b coefficient did not pass. The PDF is dated January 13, 2014. Fixed limits were set for 1,2-Dichloroethane. Convergence was seen as concentrations were decreasing. Carl's recommendation would be to use a 1000 to 10,000 range for consistency – but then stick with the old regression equation. If the 1500 – 10,000 concentration is used, use the new regression equation. Dan agreed. No data as low as 1000 was used in setting the new regression equation and the b coefficient did not pass. In NPW, the previous regression equations were maintained.

Jeff noted that the analysis on page 4 is very similar to the previous limits analysis. He is suggesting fixed limits at +/- 35% or 40%.

A motion was made by Jeff to leave the concentration limit at 1000 - 10000 ug/Kg for 1,1-Dichloroethane on the SCM FoPT accreditation table using a fixed limit of +/- 35% across the range for the analyte relative to the assigned value. This is an SOP departure because of the failing b-coefficient. The motion was seconded by Stephen. The motion passed unanimously.

Chloroform

The study concentration was 1410 - 9900 ug/Kg. It passed the SOP criteria. The current lower limit is 1000 ug/Kg. It did not pass the fixed limit tests as per the SOP criteria (failed the b coefficient). The PDF is dated March 11, 2010. Current criteria is study mean +/- 3 standard deviations. 2,4-DB was added to the table back in 2010 at study mean +/- standard deviations.

A motion was made by Jeff to leave a concentration limit of 1000 - 10000 ug/Kg for Chloroform on the SCM FoPT accreditation table using a fixed limit of +/- 35% across the range for the analyte relative to the assigned value. No second was heard.

A friendly amendment was requested by Dan Dickinson for +/- 25%. Jeff was not in agreement with that, but agreed to change the motion to +/- 30%.

A motion was made by Jeff to leave a concentration limit of 1000 - 10000 ug/Kg for Chloroform on the SCM FoPT accreditation table using a fixed limit of +/- 30% across the range for the analyte relative to the assigned value. The motion was seconded by Stephen. The motion passed unanimously.

Dibromochloromethane

The study concentration was 1420 - 9420 ug/Kg. It passed the SOP criteria. The current lower limit is 1000 ug/Kg. It did pass the fixed limit tests as per the SOP criteria at 29.3%. The PDF is dated 1-13-14.

A motion was made by Dan to leave a concentration limit of 1000 - 10000 ug/Kg for Dibromochloromethane on the SCM FoPT accreditation table using a fixed limit of +/- 30% across the range for the analyte relative to the assigned value. The motion was seconded by Jeff. The motion passed unanimously.

Bromoform

The study concentration was 1540 - 8650 ug/Kg. It did pass the SOP criteria. The current lower limit is 1000 ug/Kg. It did not pass the fixed limit tests as per the SOP criteria (failed b coefficient). The PDF is dated 1-13-14.

Discussion will continue on this analyte at the next meeting.

Carl will prepare an update to the Excel Summary Spreadsheet and send this to the subcommittee before the next meeting.

4. Action Items

See action item table in attachments.

5. New Business

- None.

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be scheduled for February 11th. Carl and Dan should have more data available for review.

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

The call reached its limit and was ended at 1:25pm EST.

Attachment A

Participants TNI Chemistry FoPT Subcommittee

Members	Affiliation	Contact Information
Carl Kircher, Chair Present	Florida DOH	carl_kircher@doh.state.fl.us
Joe Morotti Absent	Sigma-Aldrich RTC	Joe.morotti@sial.com
Melanie Ollila Absent	Pace Analytical Services, Inc.	MOllila@pacelabs.com
Jeff Lowry Present	Phenova	JeffL@phenova.com
Stephen Arpie Present	Absolute Standards, Inc.	stephenarpie@mac.com
Dan Dickinson Present	New York, DOH	dmd15@health.state.ny.us
Stacey Fry Present	E.S. BABCOCK & Sons, Inc.	sfry@babcocklabs.com
Joe Pardue Absent	Pro2Serve, Inc.	423-337-3121 joe_pardue@charter.net
Dr. Andy Valkenburg Absent	Energy Laboratories, Inc.	avalkenburg@energylab.com 406-869-6254
Ilona Taunton, Program Administrator Present	TNI	ilona.taunton@nelac-institute.org 828-712-9242

Attachment B

Action Items – Chemistry FoPT Subcommittee

	Action Item	Who	Expected Completion	Actual Completion
101	Prepare data and calculations for next range of analytes.	Carl Dan	12-2-13	Delayed to 1/x/14
102	Data work-up when it comes in.	Carl	tbd	
103	Update Excel Spreadsheet Summary with new values developed by Carl and Dan. Distribute to subcommittee.	Carl	1/31/14	

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	
10			