

**TNI Chemistry FoPT Subcommittee  
Meeting Summary  
February 11, 2014**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on February 11, 2014 at 12:07 EST. Attendance is recorded in Attachment A. There were 7 members on the call.

The last committee meeting was January 14, 2014. The minutes were reviewed and will be voted on at the next meeting on February 25, 2014.

2. FoPT Analyte Addition Application

Data needs to be evaluated. This will be looked at during the next meeting.

3. SCM FoPT Table

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. 12:21 If fixed limits are considered, Carl would recommend +/- 35%. Andy's lab's limits are 59-132% and Stacey's are 55-135%.

A motion was made by Jeff for a concentration limit of 1000 - 10000 ug/Kg for Bromoform on the SCM FoPT accreditation table using a fixed limit of +/- 40% across the range for the analyte relative to the assigned value. The motion was seconded by Andy.

Discussion:

Joe P. asked about data points available closer to 10,000 ug/Kg. It was pointed out that this high limit is unchanged from the previous limits.

The motion was unanimously passed.

Bromodichloromethane

The study concentration was 2460 - 9190 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 a and b coefficients). The PDF is dated 1-22-14. The plot does look like a fixed limit could be considered. There is no data below 2460 ug/Kg and Dan D. commented that this a large

extrapolation down to 1000 ug/Kg. Jeff thinks it is acceptable because the data is fairly tight. Andy's lab limits are 71-121%.

A motion was made by Andy to leave a concentration limit of 1000 - 10000 ug/Kg for Bromodichloromethane on the SCM FoPT accreditation table using a fixed limit of +/- 35% across the range for the analyte relative to the assigned value. The motion was seconded by Jeff. The motion passed unanimously.

#### Dibromochloromethane

Carl asked the committee to look back at the limits determined for this analyte based on the previous discussions. It was determined that this analyte will be left as is.

#### Methylene Chloride

The study concentration was 1480 - 9510 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.

Carl had a file that had a large data set that dated back to 2001. Dan had the smaller data set when he evaluated the information. Through discussion with Jeff, it is not apparent where the data Carl looked at came from. The smaller properly labeled data set will be used for evaluation.

If fixed limits are set, Carl would recommend +/- 40% because of the small curl up at the bottom. Andy's limits are 67-119% for this analyte. The Methylene Chloride low level had a recommendation of +/- 50%.

Dan D. asked if there is a possibility to get more data for this analyte. Not everyone does midlevel PTs. Dan does not like the data at the low end. Jeff commented that removing the last data point might make a difference, but that was already looked at by Dan and Carl and it was not a significant difference. Jeff looked at his data for 2007-2013 and he is showing +/- 40%. He has some studies down at 1000 ug/Kg. Dan D. asked if Jeff's more current data could be added to the evaluation. Jeff will send the data to Carl and a re-evaluation will be performed. This will be looked at during the next meeting.

#### 1,2,3-Trichloropropane

The study concentration was 1270 - 9340 ug/Kg. It did pass the SOP criteria. The current lower limit is 1500 ug/Kg. It did not pass the fixed limit tests as per the SOP criteria (failed a and b coefficients). The PDF is dated 2-4-14. Andy's lab limits are 70-122% with good recovery. This is with low and mid-level data. His mid-level LCS is 1 mg/Kg.

A motion was made by Jeff to leave a concentration limit of 1000 - 10000 ug/Kg for 1,2,3-Trichloropropane on the SCM FoPT accreditation table using a fixed limit of +/- 45% across

the range for the analyte relative to the assigned value. The motion was seconded by Andy. The motion passed unanimously.

#### 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

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

**Attachment B**

**Action Items – Chemistry FoPT Subcommittee**

	<b>Action Item</b>	<b>Who</b>	<b>Expected Completion</b>	<b>Actual Completion</b>
101	Prepare data and calculations for next range of analytes.	Carl Dan	12-2-13	Complete
102	Data work-up when it comes in for analyte additions.	Carl	tbd	In Progress
103	Update Excel Spreadsheet Summary with new values developed by Carl and Dan. Distribute to subcommittee.	Carl	1/31/14	Complete
104	Re-evaluate Methylene Chloride with additional data Jeff will provide.	Carl	2/25/14	

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			