

**TNI Chemistry FoPT Subcommittee
Meeting Summary
June 29, 2010**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on June 29, 2010 at 12:06 pm EST. Attendance is recorded in Attachment A. There were 8 members on the call today.

A motion was made by Jeff to accept the minutes from the June 22, 2010 meeting with a spelling correction to the organophosphorus header. The motion was seconded by Chris and unanimously approved. The minutes will be posted on the TNI website.

Carl asked the group if a new co-chair is needed given Brian's resignation from the subcommittee. There were no objections to Carl continuing on as the only chair of the committee.

2. SCM FoPT Update

Hexachlorobutadiene

Hexachlorobutadiene still needs input from the PT Board. This analyte is not currently on the SCM experimental or accreditation table for volatile organics. Jeff proposed that the subcommittee not add this compound due to the fact that there is no low level data. There is only mid-level data.

N-Nitrosodimethylamine

Passes c and d criteria and passes the fixed criteria at +/- 96% around the mean. There were a few points that were causing convergence, so they were removed. They were on the lower end.

Amy and Stacey were asked about their views on adding this analyte to the table. Stacey noted that they usually look at 2000 to 16,000 ug/kg, but it is not run often. She would rather not add the analyte and Amy agreed. Dan commented that it would be hard to fail depending on concentration and thus it is of little value to an accreditor.

Carl and Stephen asked if there is a need to keep the PT. Jeff commented that other analytes have already been added that are also at +/- 100% (e.g. dichlorobenzenes, other base neutrals, some phenols, etc...) Chris noted that you can get qualitative data.

Jeff motioned to move N-Nitrosodimethylamine to the accreditation table at a concentration of 2000-20,000 ug/kg with a limit of mean +/- 3 standard deviations. No second was made. The motion was removed from the table.

Stephen made a motion to not move N-Nitrosodimethylamine to the accreditation table. A second to the motion was made by Jim.

Discussion: Dan and Carl noted that New York and Florida look at other factors (limits, DOCs, etc ...) on-site if a PT does not exist and a lab wants to be accredited for an analyte.

There was a vote of 7 in favor and 1 abstention by Jeff. The motion passed.

Hexachlorocyclopentadiene

Additional data was received in April. It passes all criteria. The recommended concentration range is 1500 -15000 ug/kg. The current data only goes up to 6000 ug/kg. It does not pass fixed limit criteria. There is a large concentration of data below 2000 ug/kg. The 10% rule would be in effect. At 4000 – 12000 ug/kg the failure rate remains the same when comparing +/- 3 standard deviations versus the 10% rule. It was taken off the accreditation table in 2005.

Given that the 10% rule has little effect and there is a lack of current data above 6000 ug/kg, Jeff suggested moving the analyte over to the table at its current value – mean +/- 3 standard deviations.

Stacey noted that their calibration range is 2000 – 16000 ug/kg.

Carl noted that the additional data showed that the 10% rule did not affect the failure rate for labs and this is why it is being recommended for movement back to the table.

Dan motioned to not move Hexachlorocyclopentadiene to the accreditation table. The motion was seconded by Stephen. There was a vote of 7 in favor and 1 abstention by Chris. The motion passed.

2-Methyl-4,6-dinitrophenol

Jeff reminded the group to look at last week's minutes. There was a discussion on failure rates for this analyte. ERA and Wibby show lower failure rates compared to the information Carl provided on the call. Carl sent the information on 6-8-10 and resent the information during the call.

Jeff's data showed that the 10% rule caused the failure rates to go from 0.5 to 9.6%. Carl thought it went to 40%. Chris' data shows no real affect due to the 10% rule. Dan noted that his data is probably why Carl is seeing an increased failure rate. He does see a significant increase in failures when the 10% rule is in effect.

Stephen noted that the PT would still be available to laboratories even if the analyte is not on the accreditation table. The lab can choose not to report it.

Stacey noted that she could see no benefit to adding this analyte to the accreditation table.

Stacey made a motion to not add 2-Methy-4,6-dinitrophenol to the accreditation table. The motion was seconded by Jeff. The motion was unanimously passed.

Tetryl

5 studies were recently sent for this analyte. There was a concentration range of 1930-4640 ug/kg. The recoveries were about 60-100%. There was not enough data to produce the PDF Jeff normally sends. This analyte is currently on the experimental table.

Jeff motioned that Tetryl not be moved to the accreditation table. The motion was seconded by Stephen. The motion was unanimously approved.

Low Level DBCP

Jeff brought this analyte to the attention of the subcommittee. It is presently at 40-200 ug/kg. The suggested PTRL with the 10% rule is lower than any other brominated or chlorinated components at 4 ug/kg. The lab reporting limit Jeff shows in the table is at 5 ug/kg. Jeff is concerned this may be difficult for the lab. Carl commented that this should be fine. Stacey agreed.

A motion was made by Stephen to leave Low Level DBCP as previously discussed. Stacey seconded the motion. The vote was 7 in favor and 1 abstention by Chris. The motion passed.

Jeff summarized some of the assumptions he will make when developing the DRAFT SCM table. These changes will be seen through color coding when he distributes the DRAFT table.

Jeff encouraged the subcommittee to carefully review the footnotes when he sends out the DRAFT table. It will be distributed within the next day. It will be discussed at the next conference call.

4. New Items

None.

5. Action Items

- Carl asked Ilona to send Chris all the PDF files and Excel files distributed by Jeff Lowry.
- Action items will be reviewed at the next conference call.

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be July 13, 2010, at 12PM EST.

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

The meeting was adjourned at 1:12pmEST (Motion: Stephen. Second: Jim Unanimously approved.)

Attachment A

Participants TNI Chemistry FoPT Subcommittee

Members	Affiliation	Contact Information
Carl Kircher, Co-Chair Present	Florida DOH	904-791-1574 carl_kircher@doh.state.fl.us
Steve Rucinski Present	RT Corp	crucinski@rt-corp.com
Amy Doupe Absent	Lancaster Laboratories, Inc.	717-656-2300 x1812 aldoupe@lancasterlabs.com
Jeff Lowry Present	ERA	303-431-8454 jlowry@eraqc.com
Chuck Wibby Present	Wibby Environmental	303-940 -0033 cwibby@wibby.com
Eric Smith Absent	TestAmerica	615-726-0177 x1238 eric.smith@testamericainc.com
Dan Tholen Absent	A2LA	231-929-1721 Tholen.dan@gmail.com
Stephen Arpie Present until 1pm	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
Jim Absent		860-665-5531 mousejr@nu.com
Ilona Taunton, Program Administrator Absent	TNI	828-712-9242 tauntoni@msn.com

Attachment B

Action Items – Chemistry FoPT Subcommittee

	Action Item	Who	Expected Completion	Actual Completion
13.	Prepare letter to ABs to find out their needs on analytes that may be under consideration for deletion. <i>(3/24/09 – It was determined that these tables are used by more than just ABs. This needs to be reconsidered.)</i>	TBD	TBD	
46	Re-evaluate experimental volatile halocarbons for fixed limits when the rest of the volatile halocarbons are evaluated for an NPW table update.	All	On-going	
59	Request additional data for compounds being reconsidered.	Carl	4/26/10	2 responses. May 14 th due date. Acid extractable Soil PTs. 5/18: Carl has gotten information for 5 of the phenols. Still needs more data. 5/25: Carl will provide additional information to the subcommittee at next mtg.
62	Reconsider concentration range for DBCP Low Level.	All	6/1/10	Complete
63	Discuss the Hexachlorobutadiene issue with the PT Board. Send request.	Carl	6/8/10	
64	Send Chris PDFs and Excel tables that Jeff previously sent.	Ilona	7/15/10	

Attachment C

Backburner / Reminders – Chemistry FoPT Subcommittee

	Item	Meeting Reference	Comments
1	Review summary data to see if it supports a change in the acceptance criteria for DW analytes (For example, VOA, 30% instead of 20%). If data is supportive, Jeff Lowry will approach ELAB.	10-30-08	<p>3/10/09 - Jeff has approached ELAB. They would be happy to put it in a work group – and pass it along with a letter to EPA. We need to provide them with the data.</p> <p>2/23/10: Jeff will forward the VOA data. Jeff noted that the data supports the tighter limits. He will provide the information to ELAB and they will decide whether to approach EPA.</p> <p>5/4: Jeff is working with ELAB on this now.</p>
3	Consider changing the lower limit for Vanadium on WP to 50 ug/L.	6-30-09	
4	Consider nomenclature differences between the analyte codes and the FoPT tables.	2-23-10	
5	When updating the SCW FoPT Table, consider the following: Hexachlorobutadiene can be dual-purpose in the sense that laboratories analyze it both as a Volatile Organic (e.g., EPA 8260) and as a Base-Neutral Extractable Organic (e.g., EPA 8270). Pentachlorophenol is dual-purpose since laboratories determine this analyte as both an Acid Extractable Organic (EPA 8270) and as an Herbicide (EPA 8151, thus Pentachlorophenol LL?).	4-20-10	
6	From PT Board: South Carolina requested that low level EDB and DBCP (8011) be added to the NPW table.	4-15-10 PT Board Meeting	