TNI Chemistry FoPT Subcommittee
Meeting Summary
September 7, 2010

1. Roll call and Meeting Minutes:

   Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on September 7, 2010 at 12:06 pm EST. Attendance is recorded in Attachment A. There were 8 members on the call today.

   The minutes from the August 24th and 31st meetings will be reviewed at the next meeting.

2. Update on DW Table

   Benzo(a)pyrene

   Preferred the older regression equation to the new.

   A motion was made by Stephen to leave the limits for Benzo(a)pyrene on the DW FoPT table as is. The motion was seconded by Chuck and unanimously approved.

   Di(2-Ethylhexyl) Phthalate

   The study data concentration range was 9-48 ug/L. The upper concentration range is currently 50 ug/L. Stephen expressed concern about going lower because Phthalates are common laboratory contaminants.

   A motion was made by Dan D. to update the limits for Di(2-Ethylhexyl)Phthalate on the DW FoPT table to the regression equation with the abcd coefficients described in the table provided by Jeff by e-mail on 7/19/10 and a concentration range of 5 – 50 ug/L. The motion was seconded by Chris and unanimously approved.

   Di(2-Ethylhexyl) Adipate

   Passes SOP criteria. The MCL is 400 ug/L. The study data concentration range was 8-49 ug/L. Going to a lower concentration of 5 ug/L brings it into the 10% rule on the lower end. Both Amy and Stacie did not have any different concerns on this analyte verses Di(2-Ehtylhexyl) Phthalate. Solid phase GCMS is the most common method for this analyte.

   A motion was made by Jeff to update the limits for Di(2-Ethylhexyl)Adipate on the DW FoPT table to the regression equation with the abcd coefficients described in the table provided by Jeff by e-mail on 7/19/10 and a concentration range of 8 – 50 ug/L. The motion was seconded by Dan D. and unanimously approved.

PCBs as Decachlorobiphenyl

The MCL is 0.5 ug/L. The study concentration range is 3-5 ug/L. It does not pass the Mean R^2 Eval > 0.9 and Stdev R^2 Eval > 0.75. The subcommittee could not find the PDF file, so Jeff will resend it and it will be evaluated next week. Jeff also recommended that Aroclors be added.

Aldicarb

The present range and study data concentration range is 15-50 ug/L. It did not pass Stdev R^2 Eval > 0.75. Carl would prefer to see fixed limits. Dan agreed this would help with the problems with the regression equation. Dan's data shows +/- 18% and Jeff shows some studies at +/- 24%. The old regression shows about 25%. Dan looked at more of the data and was in agreement with this number. This is tighter than the LCS.

A motion was made by Jeff to update the limits for Aldicarb on the DW FoPT table to fixed ± 25% of the assigned value and a concentration range of 15 – 100 ug/L. The motion was seconded by Stephen. It was unanimously approved.

Aldicarb Sulfone

The study data was 20 – 49 ug/L. It did not pass Stdev R^2 Eval > 0.75. The current failure rate is 7.3%. Jeff would recommend similar limits to Aldicarb. The new regression shows about 80-120%.

A motion was made by Chris to update the limits for Aldicarb Sulfone on the DW FoPT table to fixed ± 25% of the assigned value and a concentration range of 15 – 100 ug/L. The motion was seconded by Stephen. It was unanimously approved.

Aldicarb Sulfoxide

The study data concentration was 17 – 48 ug/L. It did not pass Stdev R^2 Eval > 0.75. The new equation swings up a little at the upper end. Similar limits to the above two analytes would work. The present failure rate is 12%.

A motion was made by Dan D. to update the limits for Aldicarb Sulfoxide on the DW FoPT table to fixed ± 25% of the assigned value and a concentration range of 15 – 80 ug/L. The motion was seconded by Stephen. It was unanimously approved.

Carbaryl

The study concentration was 26 – 90 ug/L. It did not pass Stdev R^2 Eval > 0.75.

A motion was made by Chris to update the limits for Carbaryl on the DW FoPT table to fixed ± 25% of the assigned value and a concentration range of 15 – 100 ug/L. The motion was seconded by Stephen. It was unanimously approved.

Carbofuran

The study data concentration was 21 – 145 ug/L. It did pass all criteria. The present failure rate is 3.2%. The MCL is 40 ug/L. There are fixed +/- 45% limits as per 40 CFR 141.24.

A motion was made by Dan D. to leave the limits for Carbaryl on the DW FoPT table as fixed ± 45% of the assigned value (as per 40 CFR 141.24) and a concentration range of 15 – 100 ug/L. The motion was seconded by Chuck. It was unanimously approved.

3-Hydroxycarbofuran

The study concentration was 16 - 72 ug/L. Passes all criteria. The current failure rate is 14.5%. Dan would prefer to see a limit tighter than 25%.

A motion was made by Dan D. to update the limits for 3-Hydroxycarbofuran on the DW FoPT table to fixed ± 20% of the assigned value and a concentration range of 15 – 80 ug/L. The motion was seconded by Chuck. It was unanimously approved.

Methomyl

The study data concentration was 16 - 88 ug/L. Passes all SOP criteria. Dan would prefer to see a limit tighter than 25%. It passed the fixed limit criteria at 16.6%.

A motion was made by Dan D. to update the limits for Methomyl on the DW FoPT table to fixed ± 20% of the assigned value and a concentration range of 15 – 100 ug/L. The motion was seconded by Chris. It was unanimously approved.

Oxamyl

The study concentration was 23 - 72 ug/L. It failed the Stdev R^2 Eval > 0.75 criteria. The MCL is 200 ug/L. Due to time limitations, discussion on this analyte will continue next week.

4. New Items

- None.

5. Action Items

- Updates are included in the table.

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be September 14, 2010, at 12PM EST.

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

The meeting was adjourned at 1:31 pm EST (Motion: Stephen. Second: Stacie 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
Chris Rucinski **Present**	RT Corp	 crucinski@rt-corp.com
Amy Doupe **Present**	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**	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
Ilona Taunton, Program Administrator **Present**	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. *(3/24/09 – It was determined that these tables are used by more than just ABs. This needs to be reconsidered.)*	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	
68	Let PT Executive Committee know that no further action will be taken on the Accreditation and Experimental Tables until formal direction is given.	Ilona	9/7/10	Complete
69	Send out PCB data.	Jeff	9/7/10	

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	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. 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. 5/4: Jeff is working with ELAB on this now. 7/19: The workgroup is continuing to work on this and should discuss this on the September 2010 call.
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	
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	They were added to the solids table where they were experimental. They were not experimental on the NPW table.