From: Natalia.Raykhman@CH2M.com
To: Wetmore, Cynthia
Subject: FW: pCBSA analysis
Date: Thursday, January 15, 2015 10:47:56 AM

From: Bauer, Richard [mailto:Bauer.Richard@epa.gov]
Sent: Thursday, January 15, 2015 9:43 AM
To: Raykhman, Natalia/SCO
Subject: RE: pCBSA analysis

No the Superfund CLP does not provide any ion chromatography services. The EPA Region 9 Lab performs EPA method 314.0 for perchlorate, but not for pCBSA.

As you may know, method 314.0 is designed for analysis of perchlorate, but pCBSA interferes because it elutes at a similar/same time as perchlorate. So I suppose that method 314.0 could be used for pCBSA if the ion chromatograph is calibrated using pCBSA and you are sure that no perchlorate is present in the samples. I suspect it might be better to use a LC/MS or LC/MS/MS method so that you have a more definitive identification and less possibility of interference. I know, for example, that TestAmerica has LC/MS methods for benzene sulfonic acids, and I presume other commercial labs may also.

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From: Natalia.Raykhman@CH2M.com [mailto:Natalia.Raykhman@CH2M.com]
Sent: Thursday, January 15, 2015 9:20 AM
To: Bauer, Richard
Subject: pCBSA analysis

Hello Rich,
I work with Cynthia Wetmore on the Montrose Project. As part of this project we may need to sample one or several production wells and analyze the samples for pCBSA using EPA method 314.0 with reporting limits of 1 to 5 ug/L. So my question was whether we can use the CLP laboratory for this analysis, and if yes, how long will it take to get the results.

Please let know and thanks a lot for your help

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