From: Wetmore, Cynthia
To: Lyons, John
Subject: FW: pCBSA analysis - Method 314.0
Date: Friday, January 16, 2015 10:59:00 AM

Forwarding info on Method 314.0 from Rich Bauer

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.

Richard Bauer
US EPA Region 9 Laboratory
1337 South 46th Street, Building 201
Richmond, CA 94804
(510) 412-2312