

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
Organic Data Review Checklist - Standard Validation

Project: Harley-Davidson

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SDG No: 180 - 42938 - 1

Analysis: See attached

Laboratory: TestAmerica Pittsburgh

Method: See attached

Matrix: Water

The above data package has been reviewed and the analytical quality control/quality assurance performance data have been summarized. The general criteria used to assess the analytical integrity of the data were based on an examination of the following:

Case Narrative
Analytical Holding Times
Sample Preservation

Project Blanks

Project Specific QA/QC or contract requirements may take priority over validation criteria in this procedure.

Overall Remarks: Blank data

Definition of Qualifiers:

- "U", not detected at the associated level
- "UJ", not detected and associated value estimated
- "J", associated value estimated
- "R", associated value unusable or analyte identity unfounded
- "=", compound properly identified and value positive

Reviewed by: reh JMLR 4/20/15

Date: 4/20/15

QA Reviewed by: CAJ

Date: 5-14-15

4/27/15

I. Case Narrative

Verify direct statements made within the Laboratory Case Narrative (note discrepancies).

Remarks: *No major ISS & g*

II. Re-analysis and Secondary Dilutions

Verify that re-analysis and secondary dilutions were performed and reported as necessary. Determine appropriate results to report.

Remarks: _____

VI. Blanks

All blanks were reported per matrix per concentration level for each 12 hour period on each GC/MS system used to analyze VOCs and SVOCs Yes No

Review associated laboratory and project blank samples. List documented contamination below:

Laboratory Method Blanks:

Date:	Lab ID #	Fraction	Compound	Conc. (ppb)
	180-138305/5	VOC	Methylene chloride	0.149
	180-138685/5	VOC	" "	0.162

Associated Project Blanks (e.g., equipment rinsates, trip blanks, etc.)

Date	Lab ID #	Fraction	Compound	Conc. (ppb)
4/8/15	180-42938-6	VOC	Methylene chloride	0.11
4/9/15	180-42938-3	VOC	Tetrachloroethane	0.18

Remarks: _____

Hold Time Summary

Sample Number	Method	Date Collected	Analysis Date	Date Extracted	Days to Analysis
180-42938-1	SW846 8260C	4/8/2015	4/13/2015		5
180-42938-1	SW846 8260C	4/8/2015	4/15/2015		7
180-42938-2	SW846 8260C	4/8/2015	4/15/2015		7
180-42938-2	SW846 8260C	4/8/2015	4/16/2015		8
180-42938-3	SW846 8260C	4/9/2015	4/13/2015		4
180-42938-4	SW846 8260C	4/9/2015	4/13/2015		4
180-42938-5	SW846 8260C	4/9/2015	4/13/2015		4
180-42938-5	SW846 8260C	4/9/2015	4/15/2015		6
180-42938-6	SW846 8260C	4/9/2015	4/15/2015		6

Trip Blank Detections

Sample ID	Sample	Analyte	Result	Method	Units	Qual
180-42938-6	HD-QC1-0/1-2	Methylene Chloride	0.14	SW846 8260C	ug/L	J
180-42938-3	HD-QC1-0/1-3	Tetrachloroethene	0.18	SW846 8260C	ug/L	J
180-42938-3	HD-QC1-0/1-3	Toluene	0.28	SW846 8260C	ug/L	J
180-42938-4	HD-QC1-0/1-4	Toluene	0.30	SW846 8260C	ug/L	J

TB
RB
RB
FB

Sample # 3 and # 4 are Rinse Blank and ~~Equipment~~ ^{Field} blanks. The detection of Toluene is typically found in the DI water that we got from ETS. The hit of PCE is from the Rinse Blank from the pump. The sample that was collected that day had a greater amount than the Action level. There are nothing will be done,

4/20/15
AGM

