



Lancaster Laboratories Sample No. G5 3960346

Collected: n.a. by HT Account Number: 10666

Submitted: 12/13/2002 09:10
 Reported: 12/18/2002 at 21:24
 Discard: 03/19/2003
 TB121202 Methanol Sample
 Solutia
 ISRT - Woburn, MA

Solutia, Inc.
 575 Maryville Centre Drive
 St. Louis MO 63141

TB121 SDG#: SIP81-09TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08180	BTEX (Total Xylenes)					
08183	Benzene	71-43-2	N.D.	2.0	ug/kg	25
08184	Toluene	108-88-3	N.D.	2.0	ug/kg	25

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

00405 Field Preserved Methanol
 The sample submitted for volatile organic analysis was preserved with methanol in the field.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08180	BTEX (Total Xylenes)	SW-846 8021B	1	12/16/2002 13:31	Stephanie A Selis	25



0011



ANALYTICAL RESULTS

Prepared for:

Solutia, Inc.
575 Maryville Centre Drive
St. Louis MO 63141

314-674-2025

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 834700. Samples arrived at the laboratory on Saturday, December 14, 2002. The PO# for this group is 2000-08-07.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
RX-18(30') Grab Water Sample	3961913
RX-19(30') Grab Water Sample	3961914
RX-18(13') Grab Water Sample	3961915
RX-18(13')DUP Grab Water Sample	3961916
TB121302 Water Sample	3961917
TB121302 Methanol Sample	3961918
FB121302 Grab Water Sample	3961919
FB121302 Water Grab Water Sample	3961920
RX-19 (2.5-5') Grab Soil Sample	3961921
RX-18 (10-15') Grab Soil Sample	3961922
RX-18 (5-7.5') Grab Soil Sample	3961923

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO Roux, Inc.
1 COPY TO Solutia, Inc.
1 COPY TO Data Package Group

Attn: Mr. Larry McTiernan
Attn: Mr. Jorge Garcia



Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300.

Respectfully Submitted,

Steven A Skiles
Steven A. Skiles
Sr. Chemist



REPRINT

Lancaster Laboratories Sample No. WW 3961913

Collected: 12/13/2002 11:10 by HT

Account Number: 10666

Submitted: 12/14/2002 10:40
Reported: 12/30/2002 at 17:31
Discard: 03/31/2003
RX-18(30') Grab Water Sample
Solutia
ISRT - Woburn, MA

Solutia, Inc.
575 Maryville Centre Drive
St. Louis MO 63141

X1830 SDG#: SIP81-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	170.	1.0	ug/l	5
00777	Toluene	108-88-3	25.	1.0	ug/l	5

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	12/17/2002 21:32	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	12/17/2002 21:32	Martha L Seidel	n.a.

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Lancaster Laboratories Sample No. WW 3961914

Collected: 12/13/2002 14:05 by HT

Account Number: 10666

Submitted: 12/14/2002 10:40

Solutia, Inc.

Reported: 12/30/2002 at 17:31

575 Maryville Centre Drive

Discard: 03/31/2003

St. Louis MO 63141

RX-19(30') Grab Water Sample

Solutia

ISRT - Woburn, MA

X1930 SDG#: SIP81-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
08213	BTEX (8021)			Detection Limit		
00776	Benzene	71-43-2	51.	0.20	ug/l	1
00777	Toluene	108-88-3	25.	0.20	ug/l	1

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	12/18/2002 01:55	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 01:55	Martha L Seidel	n.a.

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Lancaster Laboratories Sample No. WW 3961915

Collected: 12/13/2002 14:50 by HT

Account Number: 10666

Submitted: 12/14/2002 10:40
Reported: 12/30/2002 at 17:32
Discard: 03/31/2003
RX-18(13') Grab Water Sample
Solutia
ISRT - Woburn, MA

Solutia, Inc.
575 Maryville Centre Drive
St. Louis MO 63141

X1813 SDG#: SIP81-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,900.	2.0	ug/l	10
00777	Toluene	108-88-3	160.	2.0	ug/l	10

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	12/18/2002 02:28	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 02:28	Martha L Seidel	n.a.

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Lancaster Laboratories Sample No. WW 3961916

Collected: 12/13/2002 14:50 by HT

Account Number: 10666

Submitted: 12/14/2002 10:40

Reported: 12/30/2002 at 17:32

Discard: 03/31/2003

RX-18 (13') DUP Grab Water Sample

Solutia

ISRT - Woburn, MA

Solutia, Inc.

575 Maryville Centre Drive

St. Louis MO 63141

1813D SDG#: SIP81-13FD

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
08213	BTEX (8021)					
00776	Benzene	71-43-2	4,100.	4.0	ug/l	20
00777	Toluene	108-88-3	.170.	2.0	ug/l	10

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	12/18/2002 03:00	Martha L Seidel	10
08213	BTEX (8021)	SW-846 8021B	1	12/18/2002 12:29	Melissa D Mann	20
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 03:00	Martha L Seidel	n.a.



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Lancaster Laboratories Sample No. WW 3961917

Collected: 12/13/2002 00:00

Account Number: 10666

Submitted: 12/14/2002 10:40

Solutia, Inc.

Reported: 12/30/2002 at 17:32

575 Maryville Centre Drive

Discard: 03/31/2003

St. Louis MO 63141

TB121302 Water Sample

Solutia

ISRT - Woburn, MA

TB13W SDG#: SIP81-14TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
				Detection Limit		
08213	BTEX (8021)					
00776	Benzene	71-43-2	N.D.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	12/18/2002 14:39	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 14:39	Melissa D Mann	n.a.



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Lancaster Laboratories Sample No. G5 3961918

Collected: 12/13/2002 00:00

Account Number: 10666

Submitted: 12/14/2002 10:40

Solutia, Inc.

Reported: 12/30/2002 at 17:32

575 Maryville Centre Drive

Discard: 03/31/2003

St. Louis MO 63141

TB121302 Methanol Sample

Solutia

ISRT - Woburn, MA

TB13M SDG#: SIP81-15TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08180	BTEX (Total Xylenes)					
08183	Benzene	71-43-2	N.D.	2.0	ug/kg	25
08184	Toluene	108-88-3	N.D.	2.0	ug/kg	25

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

00405 Field Preserved Methanol

The sample submitted for volatile organic analysis was preserved with methanol in the field.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08180	BTEX (Total Xylenes)	SW-846 8021B	1	12/18/2002 23:43	Deborah S Garrison	25



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Lancaster Laboratories Sample No. WW 3961919

Collected: 12/13/2002 00:00 by HT

Account Number: 10666

Submitted: 12/14/2002 10:40

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Reported: 12/30/2002 at 17:32

575 Maryville Centre Drive

Discard: 03/31/2003

St. Louis MO 63141

FB121302 Grab Water Sample

Solutia

ISRT - Woburn, MA

FB13- SDG#: SIP81-16FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	N.D.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	12/18/2002 15:12	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 15:12	Melissa D Mann	n.a.

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Lancaster Laboratories Sample No. WW 3961920

Collected: 12/13/2002 00:00 by HT

Account Number: 10666

Submitted: 12/14/2002 10:40

Reported: 12/30/2002 at 17:32

Discard: 03/31/2003

FB121302 Water Grab Water Sample

Solutia

ISRT - Woburn, MA

Solutia, Inc.

575 Maryville Centre Drive

St. Louis MO 63141

FB13W SDG#: SIP81-17FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	N.D.	0.20	ug/1	1
00777	Toluene	108-88-3	N.D.	0.20	ug/1	1

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	12/18/2002 15:45	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 15:45	Melissa D Mann	n.a.

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Lancaster Laboratories Sample No. SW 3961921

Collected: 12/13/2002 13:00 by HT

Account Number: 10666

Submitted: 12/14/2002 10:40
Reported: 12/30/2002 at 17:32
Discard: 03/31/2003
RX-19 (2.5-5') Grab Soil Sample
Solutia
ISRT - Woburn, MA

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575 Maryville Centre Drive
St. Louis MO 63141

X192- SDG#: SIP81-18

Quality

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	6.37	0.50	%	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						

08180 BTEX (Total Xylenes)

08183	Benzene	71-43-2	12.	1.3	ug/kg	15
08184	Toluene	108-88-3	1.4	1.3	ug/kg	15

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

00405 Field Preserved Methanol

The sample submitted for volatile organic analysis was preserved with methanol in the field.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00111	Moisture	EPA 160.3 modified	1	12/17/2002 08:05	Helen L Schaeffer	1
08180	BTEX (Total Xylenes)	SW-846 8021B	1	12/19/2002 16:06	Deborah S Garrison	15

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Lancaster Laboratories Sample No. SW 3961922

Collected: 12/13/2002 15:30 by HT

Account Number: 10666

Submitted: 12/14/2002 10:40
Reported: 12/20/2002 at 08:03
Discard: 03/21/2003
RX-18 (10-15') Grab Soil Sample
Solutia
ISRT - Woburn, MA

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X1810 SDG#: SIP81-19

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	38.2	0.50	%	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						

08180 BTEX (Total Xylenes)

08183	Benzene	71-43-2	210,000.	340.	ug/kg	2646
08184	Toluene	108-88-3	16,000.	340.	ug/kg	2646

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

00405 Field Preserved Methanol

The sample submitted for volatile organic analysis was preserved with methanol in the field.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/17/2002 08:05	Helen L Schaeffer	1
08180	BTEX (Total Xylenes)	SW-846 8021B	1	12/19/2002 01:37	Deborah S Garrison	2646

002003



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Lancaster, PA 17605-2425



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Lancaster Laboratories Sample No. SW 3961923

Collected: 12/13/2002 16:00 by LC

Account Number: 10666

Submitted: 12/14/2002 10:40
Reported: 12/30/2002 at 17:33
Discard: 03/31/2003
RX-18 (5-7.5') Grab Soil Sample
Solutia
ISRT - Woburn, MA

Solutia, Inc.
575 Maryville Centre Drive
St. Louis MO 63141

X85-- SDG#: SIP81-20

Analysis

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture "Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.	n.a.	11.0	0.50	%	1

08180 BTEX (Total Xylenes)

08183	Benzene	71-43-2	13.	1.8	ug/kg	20
08184	Toluene	108-88-3	2.2	1.8	ug/kg	20

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

The surrogate recovery is above the range of specifications because the methanol leaked out of the vial prior to being spiked. There is not enough sample to repeat for confirmation.

The results are estimated because the methanol leaked out of the vial.

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

00405 Field Preserved Methanol

The sample submitted for volatile organic analysis was preserved with methanol in the field.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/17/2002 08:05	Helen L Schaeffer	1
08180	BTEX (Total Xylenes)	SW-846 8021B	1	12/19/2002 00:59	Deborah S Garrison	20

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Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300.

Respectfully Submitted,

Steven A Skiles
Steven A. Skiles
Sr. Chemist



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00 656 650 650



Lancaster Laboratories Sample No. WW 3958024

Collected: 12/10/2002 10:40 by HAT

Account Number: 10666

Submitted: 12/11/2002 11:55
 Reported: 12/17/2002 at 08:11
 Discard: 03/18/2003
 RX-14 (15') Grab Water Sample
 Solutia
 ISRT - Woburn, MA

Solutia, Inc.
 575 Maryville Centre Drive
 St. Louis MO 63141

R1415 SDG#: SIP80-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	180.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	12/12/2002 22:00	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/12/2002 22:00	Melissa D Mann	n.a.

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Lancaster Laboratories Sample No. SW 3958025

Collected: 12/10/2002 11:15 by HAT

Account Number: 10666

Submitted: 12/11/2002 11:55

Reported: 12/17/2002 at 08:11

Discard: 03/18/2003

RX-14(0-2.5') Grab Soil Sample

Solutia

ISRT - Woburn, MA

Solutia, Inc.

575 Maryville Centre Drive

St. Louis MO 63141

14025 SDG#: SIP80-02

Qualify

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	10.1	0.50	%	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						

08180 BTEX (Total Xylenes)

08183 Benzene 71-43-2 N.D. 1.5 ug/kg 16.5

08184 Toluene 108-88-3 1.8 J 1.5 ug/kg 16.5

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

00405 Field Preserved Methanol

The sample submitted for volatile organic analysis was preserved with methanol in the field.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	12/12/2002 08:39	Helen L Schaeffer	1
08180	BTEX (Total Xylenes)	SW-846 8021B	1	12/16/2002 14:09	Stephanie A Selis	16.5

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Lancaster Laboratories Sample No. WW 3958026

Collected: 12/10/2002 11:10 by HAT

Account Number: 10666

Submitted: 12/11/2002 11:55

Reported: 12/17/2002 at 08:11

Discard: 03/18/2003

RX-17 (15') Grab Water Sample

Solutia

ISRT - Woburn, MA

Solutia, Inc.
575 Maryville Centre Drive
St. Louis MO 63141

R1715 SDG#: SIP80-03

Quartz

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	69,000.	40.	ug/l	200
00777	Toluene	108-88-3	97.	20.	ug/l	100

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Due to dilution of the sample made necessary by the high level of benzene, normal reporting limits were not attained for toluene.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
08213	BTEX (8021)	SW-846 8021B	1	12/12/2002 22:33	Melissa D Mann	200
08213	BTEX (8021)	SW-846 8021B	1	12/12/2002 23:05	Melissa D Mann	100
01146	GC VOA Water Prep	SW-846 5030B	1	12/12/2002 22:33	Melissa D Mann	n.a.



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Printed on 03/05/03



Lancaster Laboratories Sample No. SW 3958027

Collected: 12/10/2002 11:20 by HAT

Account Number: 10666

Submitted: 12/11/2002 11:55
 Reported: 12/17/2002 at 08:11
 Discard: 03/18/2003
 RX-17(5-7.5') Grab Soil Sample
 Solutia
 ISRT - Woburn, MA

Solutia, Inc.
 575 Maryville Centre Drive
 St. Louis MO 63141

17575 SDG#: SIP80-04

Qualifier

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	50.0	0.50	%	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
08180	BTEX (Total Xylenes)					
08183	Benzene	71-43-2	14.	2.5	ug/kg	15.8
08184	Toluene	108-88-3	3.7	2.5	ug/kg	15.8
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.						

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

A poor surrogate recovery was observed. The analysis was repeated and a poor surrogate recovery was again observed indicating a significant matrix effect.

00405 Field Preserved Methanol
 The sample submitted for volatile organic analysis was preserved with methanol in the field.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00111	Moisture	EPA 160.3 modified	1	12/12/2002 08:39	Helen L. Schaeffer	1
08180	BTEX (Total Xylenes)	SW-846 8021B	1	12/16/2002 14:47	Stephanie A Selis	15.8



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00111



Lancaster Laboratories Sample No. WW 3958028

Collected: 12/10/2002 14:00 by HAT

Account Number: 10666

Submitted: 12/11/2002 11:55
 Reported: 12/17/2002 at 08:11
 Discard: 03/18/2003
 RX-14(29') Grab Water Sample
 Solutia
 ISRT - Woburn, MA

Solutia, Inc.
 575 Maryville Centre Drive
 St. Louis MO 63141

R1429 SDG#: SIP80-05

Quatize

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	17.	0.20	ug/l	1
00777	Toluene	108-88-3	0.45	0.20	ug/l	1

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	12/12/2002 10:43	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/12/2002 10:43	Melissa D Mann	n.a.



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041115000



Lancaster Laboratories Sample No. WW 3958029

Collected: 12/10/2002 15:20 by HAT

Account Number: 10666

Submitted: 12/11/2002 11:55
Reported: 12/17/2002 at 08:12
Discard: 03/18/2003
RX-17(33') Grab Water Sample
Solutia
ISRT - Woburn, MA

Solutia, Inc.
575 Maryville Centre Drive
St. Louis MO 63141

R1733 SDG#: SIP80-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	37.	0.20	ug/l	1
00777	Toluene	108-88-3	4.4	0.20	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	12/13/2002 14:03	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2002 14:03	Melissa D Mann	n.a.



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411005



Lancaster Laboratories Sample No. WW 3958030

Collected: 12/10/2002 00:00

Account Number: 10666

Submitted: 12/11/2002 11:55
Reported: 12/17/2002 at 08:12
Discard: 03/18/2003
TB121002 Water Sample
Solutia
ISRT - Woburn, MA

Solutia, Inc.
575 Maryville Centre Drive
St. Louis MO 63141

TBW10 SDG#: SIP80-07TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
08213	BTEX (8021)					
00776	Benzene	71-43-2	N.D.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	12/13/2002 11:20	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2002 11:20	Melissa D Mann	n.a.





Lancaster Laboratories Sample No. G5 3958031

Collected: 12/10/2002 00:00

Account Number: 10666

Submitted: 12/11/2002 11:55
Reported: 12/17/2002 at 08:12
Discard: 03/18/2003
TB121002 Methanol Sample
Solutia
ISRT - Woburn, MA

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575 Maryville Centre Drive
St. Louis MO 63141

TBM10 SDG#: SIP80-08TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08180	BTEX (Total Xylenes)					
08183	Benzene	71-43-2	N.D.	2.0	ug/kg	25
08184	Toluene	108-88-3	N.D.	2.0	ug/kg	25

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

00405 Field Preserved Methanol
The sample submitted for volatile organic analysis was preserved with methanol in the field.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Date and Time	Analyst	Dilution Factor
08180	BTEX (Total Xylenes)	SW-846 8021B	1	12/16/2002 12:14	Stephanie A Selis	25

0016



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