

Peltier, Hannah

From: Gilliam, Allen
Sent: Monday, December 15, 2014 12:20 PM
To: randel davis
Cc: Fuller, Kim; Peltier, Hannah; batesville eugene townsley; batesville mike mcdaniel
Subject: AR0020702_Intimidator ARP001028
Attachments: Untitled.pdf; Arkansas Testing Lab_20141201_110419.pdf; INTIMIDATOR VOL, SEMI VOL, 201411.pdf

Randel,

Intimidator's December 2014 semi-annual report was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Metal Finishing standards in 40 CFR 433.17.

There are no further actions deemed necessary at this time.

Thank you for your timely report remaining in compliance with the Federal Pretreatment Regulations in 40 CFR 403.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Eugene Townsley, Batesville Water Utilities Superintendent
Mike McDaniel, Batesville Pretreatment Coordinator

E/NPDES/NPDES/Pretreatment/Reports

From: Randel Davis [<mailto:randel.davis@badboymowers.com>]
Sent: Monday, December 15, 2014 10:42 AM
To: Gilliam, Allen
Subject: semi-annual report Intimidator

Thanks
Randel

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION	
<p>A. LEGAL NAME & MAILING ADDRESS</p> <p>Intimidator Inc 1 Bad Boy Blvd. Batesville AR 72501 ARP-001028 NPDS# AR0020702</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>Same as mailing address</p>
<p>C. FACILITY CONTACT: <u>Randall Davis</u> TELEPHONE NUMBER: <u>8706120350</u> e-mail: <u>randall.davis@badboymowers.com</u></p>	
(2) REPORTING PERIOD--FISCAL YEAR From ??? to ??? (Both Semi-Annual Reports must cover Fiscal Year)	
<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p><u>JUNE</u> & <u>December</u></p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: <u>July</u> TO: <u>December</u></p>
(3) DESCRIPTION OF OPERATION	
<p>A. REGULATED PROCESSES</p> <p><u>CORE PROCESS(ES)</u></p> <p>CHECK EACH APPLICABLE BLOCK</p> <p><input type="checkbox"/> Electroplating <input type="checkbox"/> Electroless Plating <input type="checkbox"/> Anodizing <input checked="" type="checkbox"/> Coating <input type="checkbox"/> Chemical Etching and Milling <input type="checkbox"/> Printed Circuit Board Manufacture</p> <p><u>ANCILLARY PROCESS(ES)*</u></p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p><u>Stages 2 & 4 are</u> <u>first stages in the</u> <u>five stage cleaning process</u></p> <p>_____ _____ _____</p> <p><small>*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS</small></p>	<p>B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.</p> <p style="text-align: center; font-size: 2em; font-family: cursive;">N/A</p>
<p>C. Number of Regular Employees at this Facility</p> <p><u>75</u></p>	<p>D. [Reserved]</p>

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Regulated (Cyanide)	5700	10100	
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	4500	9000	
Total Flow to POTW	9600	19100	*****

*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other _____
- None

B. COMMENTS ON TREATMENT SYSTEM

Stages 1,3,5 captured and picked up by Wasted Services Inc.

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES-- CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<.004	<.004	.009	.004	<.0004	<.003	<.010	<.01	BDL
Ave Measured									

Sample Location Sample Pitt outside Building End of Process

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED '433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

'6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.--The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

N/A

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(I)]

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Randel Davis
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Randel Davis
SIGNATURE

Paint Supervisor
OFFICIAL TITLE

12-15-14
DATE SIGNED

Arkansas Testing Laboratories

3301 Langley Drive · Searcy, AR 72143

(501) 268-6431 f(501) 268-9314

NPDES Wastewater Monitoring
 Water and Wastewater Analysis
 Concrete, Asphalt, and Aggregate Testing
 Geotechnical Testing
 Industrial and Construction Quality Control

BAD BOY MOWERS (INTIMIDATOR)

Collection Date / Time: November 3, 2014 10:20 AM

Collection Place: Effluent

Collected By: BET

Wastewater Analysis

Parameter	Date / Time Begin	Date / Time End	Results	Unit	Ldg (lbs/dy)	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	11/10 4:56 PM	NA	< 0.004	mg/l	NA	KLB	99.5	1.52	Grab	1
Chromium	11/10 4:56 PM	NA	< 0.004	mg/l	NA	KLB	98.3	0.22	Grab	1
Copper	11/10 4:56 PM	NA	0.009	mg/l	NA	KLB	91.4	0.12	Grab	1
Lead	11/10 4:56 PM	NA	0.004	mg/l	NA	KLB	95.8	2.67	Grab	1
Nickel	11/10 4:56 PM	NA	< 0.0004	97.1	NA	KLB	91.5	0.82	Grab	1
Silver	11/10 4:56 PM	NA	< 0.003	mg/l	NA	KLB	85.0	4.11	Grab	1
Zinc	11/10 4:56 PM	NA	0.010	mg/l	NA	KLB	93.8	1.35	Grab	1
Total Toxic Organics	11/08 6:23 AM	NA	BDL*	ug/l	NA	AI301			CALC	2
*BDL = BELOW DETECTABLE LIMITS										
pH	11/03 10:21 AM	NA	7.82	S.U.	NA	BET	NA	0.27	GRAB	3
Cyanide, Total	11/10 12:00 PM	NA	< 0.01	mg/l	NA	KLB	94.5	0.00	GRAB	4

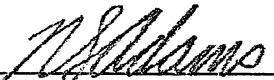
Quality Assurance: All Parameters include 10% duplication studies by random selection. The following equipment is checked and calibrated daily: pH meter, balance, incubators, water baths, drying oven and sterilizing apparatus. Ammonia Nitrogen and Oil & Grease Analysis include duplication and spike studies at a rate of at least 10%.

Notes: Samples iced at collection. Preserved with H₂SO₄ to pH₂; Oil & Grease, Ammonia, COD

References:

Analysis complies with 40 CFR Part 136:

1. SM 3111B
2. See attached American Interplex Report 165660
3. SM 4500 HB
4. SM 4500-CN-E


 Neville Adams, Manager

184449

3301 Langley Drive
 Searcy, AR 72143
 Off 501-268-6431
 Fax 501-268-9314
 ARKATL@SBCGLOBAL.NET

*NPDES Wastewater Monitoring
 *Water and Wastewater Analysis
 *Concrete, Asphalt, and Aggregate Testing
 *Geotechnical Testing
 *Industrial and Construction Quality Control

Arkansas Testing Laboratories

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

CLIENT: ARKANSAS TESTING LAB					PO #	REF #	PARAMETERS				
SAMPLE ID	SAMPLE MATRIX	SAMPLED BY:	DATE	TIME						PRESERVATIVES	
INF	W=H2O	BET								HCl	Feed
CLAR	S=SLUDG									VOC	SEMI
POND	D=SOIL										VOL
BACKWASH	C=WELL									240-G	1-L-G
Intimidator	W		11-3-14	10:20 am	X						
# = number of bottles	Q, L, H = Quart, Liter, Half Gallon	P, G = Plastic, Glass	Received by:		Date/Time		Date/Time		Date/Time		
Relinquished by:	11-7-14	11:48 AM									
Relinquished by:	11-7-14	11:48 AM									

Received by: *[Signature]*
 Date/Time: 11-7-14 1148

Received by: *[Signature]*
 Date/Time: 11-7-14 1148

3,40C




Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
3301 Langley Drive
Searcy, AR 72143

This report contains the analytical results and supporting information for the sample submitted on November 7, 2014. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

This document has been distributed to the following:

PDF cc: Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
arkatl@sbcglobal.net



Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on November 7, 2014
2350
P.O. No. 2350

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
184449-1	Intimidator 11-3-14 1020am	03-Nov-2014 1020	

Qualifiers:

R n-Nitrosodiphenylamine cannot be separated from diphenylamine

References:

"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
"Standard Methods for the Examination of Water and Wastewaters", (SM).
"American Society for Testing and Materials" (ASTM).
"Association of Analytical Chemists" (AOAC).

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 184449-1

Sample Identification: Intimidator 11-3-14 1020am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Acenaphthylene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Benzidine EPA 625	< 25	25	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Benzo(g,h,i)perylene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
3,4-Benzofluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Bis(2-chloroethoxy)methane EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Bis(2-chloroethyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Bis(2-chloroisopropyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Bis(2-ethylhexyl)phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
4-Bromophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Butylbenzyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
2-Chloronaphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
2-Chlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
4-Chlorophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Chrysene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Di-n-butyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 184449-1 (Continued)

Sample Identification: Intimidator 11-3-14 1020am

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Di-n-octyl phthalate EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Dibenz(a,h)anthracene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
3,3'-Dichlorobenzidine EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
2,4-Dichlorophenol EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Diethyl phthalate EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Dimethyl phthalate EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
2,4-Dimethylphenol EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
4,6-Dinitro-o-cresol EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
2,4-Dinitrophenol EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
2,4-Dinitrotoluene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
2,6-Dinitrotoluene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
1,2-Diphenylhydrazine EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Fluoranthene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Fluorene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Hexachlorobenzene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Hexachlorobutadiene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Hexachlorocyclopentadiene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Hexachloroethane EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	
Isophorone EPA 625	< 5.0 Prep: 07-Nov-2014 1408 by 306 Analyzed: 08-Nov-2014 0623 by 301	5.0	ug/l Batch: B9236	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 184449-1 (Continued)

Sample Identification: Intimidator 11-3-14 1020am

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
n-Nitrosodi-n-propylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
n-Nitrosodimethylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
n-Nitrosodiphenylamine EPA 625	< 5.0	5.0	ug/l	R
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Naphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Nitrobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
2-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
4-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
p-Chloro-m-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Pentachlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Phenanthrene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Phenol EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
1,2,4-Trichlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
2,4,6-Trichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	66.3		%	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	43.0		%	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	63.4		%	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	63.6		%	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	44.2		%	
Prep: 07-Nov-2014 1408 by 306	Analyzed: 08-Nov-2014 0623 by 301		Batch: B9236	
Volatile Organic Compounds By EPA 624				
Acrolein EPA 624	< 25	25	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 184449-1 (Continued)

Sample Identification: Intimidator 11-3-14 1020am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624 (Continued)				
Acrylonitrile EPA 624	< 25	25	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
Benzene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
Bromoform EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
Carbon tetrachloride EPA 624	< 2.0	2.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
Chlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
Chlorodibromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
Chloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
2-Chloroethyl vinyl ether EPA 624	< 10	10	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
Chloroform EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
1,2-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
1,3-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
1,4-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
Dichlorobromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
1,1-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
1,2-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
1,1-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
trans-1,2-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
1,2-Dichloropropane EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
cis-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	
trans-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301		Batch: V8633	

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ANALYTICAL RESULTS

AIC No. 184449-1 (Continued)

Sample Identification: Intimidator 11-3-14 1020am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624 (Continued)				
Ethylbenzene	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Methyl bromide(Bromomethane)	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Methyl chloride(Chloromethane)	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Methylene chloride	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Tetrachloroethylene	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Toluene	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
1,1,1-Trichloroethane	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
1,1,2-Trichloroethane	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Trichloroethylene	< 5.0	5.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Vinyl chloride	< 2.0	2.0	ug/l	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Surrogate: 4-Bromofluorobenzene (75.0-120%)	92.8		%	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Surrogate: Dibromofluoromethane (85.0-115%)	91.8		%	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	
Surrogate: Toluene-D8 (85.0-120%)	97.1		%	
EPA 624	Prep: 07-Nov-2014 1500 by 301	Analyzed: 07-Nov-2014 1749 by 301	Batch: V8633	

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds								
Acenaphthene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Acenaphthylene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Anthracene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Benzidine	184398-2	< 50 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 50 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Benzo(a)anthracene	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Benzo(a)pyrene	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Benzo(g,h,i)perylene	184398-2	< 20 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 20 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Benzo(k)fluoranthene	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
3,4-Benzofluoranthene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Bis(2-chloroethoxy)methane	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Bis(2-chloroethyl)ether	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Bis(2-chloroisopropyl)ether	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Bis(2-ethylhexyl)phthalate	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
4-Bromophenyl phenyl ether	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Butylbenzyl phthalate	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2-Chloronaphthalene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2-Chlorophenol	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
4-Chlorophenyl phenyl ether	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Chrysene	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Di-n-butyl phthalate	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Di-n-octyl phthalate	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Dibenz(a,h)anthracene	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
3,3'-Dichlorobenzidine	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
Batch: B9236	Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
2,4-Dichlorophenol	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Diethyl phthalate	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Dimethyl phthalate	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2,4-Dimethylphenol	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
4,6-Dinitro-o-cresol	184398-2	< 50 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 50 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2,4-Dinitrophenol	184398-2	< 50 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 50 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2,4-Dinitrotoluene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2,6-Dinitrotoluene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
1,2-Diphenylhydrazine	184398-2	< 20 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 20 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Fluoranthene	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Fluorene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Hexachlorobenzene	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Hexachlorobutadiene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Hexachlorocyclopentadiene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Hexachloroethane	184398-2	< 20 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 20 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Indeno(1,2,3-cd)pyrene	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Isophorone	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
n-Nitrosodi-n-propylamine	184398-2	< 20 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 20 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
n-Nitrosodimethylamine	184398-2	< 50 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 50 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
n-Nitrosodiphenylamine	184398-2	< 20 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		R
	Batch: B9236 Duplicate	< 20 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		R
Naphthalene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Nitrobenzene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2-Nitrophenol	184398-2	< 20 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 20 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
4-Nitrophenol	184398-2	< 50 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236 Duplicate	< 50 ug/l	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)								
p-Chloro-m-cresol	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Pentachlorophenol	184398-2	< 5.0 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Phenanthrene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Phenol	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
Pyrene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
1,2,4-Trichlorobenzene	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2,4,6-Trichlorophenol	184398-2	< 10 ug/l			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate	0.00	30.0	07Nov14 1409 by 306	08Nov14 0213 by 301		
2-Fluorobiphenyl (50.0-110%)	184398-2	87.9 %			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate			07Nov14 1409 by 306	08Nov14 0213 by 301		
2-Fluorophenol (20.0-110%)	184398-2	58.7 %			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate			07Nov14 1409 by 306	08Nov14 0213 by 301		
Nitrobenzene-D5 (40.0-110%)	184398-2	85.7 %			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate			07Nov14 1409 by 306	08Nov14 0213 by 301		
Terphenyl-D14 (50.0-135%)	184398-2	94.8 %			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate			07Nov14 1409 by 306	08Nov14 0213 by 301		
2,4,6-Tribromophenol (40.0-125%)	184398-2	46.9 %			07Nov14 1408 by 306	08Nov14 0325 by 301		
	Batch: B9236	Duplicate			07Nov14 1409 by 306	08Nov14 0213 by 301		
Volatile Organic Compounds								
Acrolein	184398-1	< 50 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Acrylonitrile	184398-1	< 20 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Benzene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Bromoform	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Carbon tetrachloride	184398-1	< 2.0 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Chlorobenzene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Chlorodibromomethane	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Chloroethane	184398-1	< 50 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
2-Chloroethyl vinyl ether	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	20.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Chloroform	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,2-Dichlorobenzene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633	Duplicate	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)								
1,3-Dichlorobenzene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,4-Dichlorobenzene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Dichlorobromomethane	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,1-Dichloroethane	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,2-Dichloroethane	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,1-Dichloroethylene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
trans-1,2-Dichloroethylene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,2-Dichloropropane	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
cis-1,3-Dichloropropylene	184398-1	< 5.0 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 5.0 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
trans-1,3-Dichloropropylene	184398-1	< 1.3 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 1.3 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Ethylbenzene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Methyl bromide(Bromomethane)	184398-1	< 50 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 50 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Methyl chloride(Chloromethane)	184398-1	< 50 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 50 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Methylene chloride	184398-1	< 20 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 20 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,1,2,2-Tetrachloroethane	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Tetrachloroethylene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Toluene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,1,1-Trichloroethane	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
1,1,2-Trichloroethane	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Trichloroethylene	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
Vinyl chloride	184398-1	< 10 ug/l			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	< 10 ug/l	0.00	30.0	07Nov14 1000 by 301	07Nov14 1458 by 301		
4-Bromofluorobenzene (75.0-120%)	184398-1	94.0 %			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	93.0 %			07Nov14 1000 by 301	07Nov14 1458 by 301		
Dibromofluoromethane (85.0-115%)	184398-1	91.6 %			07Nov14 1000 by 301	07Nov14 1424 by 301		
Batch: V8633	Duplicate	91.4 %			07Nov14 1000 by 301	07Nov14 1458 by 301		



Arkansas Testing Laboratories
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Searcy, AR 72143

DUPLICATE RESULTS

<u>Analyte</u>	<u>AIC No.</u>	<u>Result</u>	<u>RPD</u>	<u>RPD Limit</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Dil</u>	<u>Qual</u>
Toluene-D8 (85.0-120%)	184398-1	97.7 %			07Nov14 1000 by 301	07Nov14 1424 by 301		
	Batch: V8633 Duplicate	97.3 %			07Nov14 1000 by 301	07Nov14 1458 by 301		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds										
Acenaphthene	40 ug/l	88.8	45.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Acenaphthylene	40 ug/l	89.8	50.0-105			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Anthracene	40 ug/l	91.3	55.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Benzidine	100 ug/l	21.0	0.00-51.3			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Benzo(a)anthracene	40 ug/l	96.3	55.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Benzo(a)pyrene	40 ug/l	90.6	55.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Benzo(g,h,i)perylene	40 ug/l	82.3	40.0-125			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Benzo(k)fluoranthene	40 ug/l	105	45.0-125			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
3,4-Benzofluoranthene	40 ug/l	99.2	45.0-120			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Bis(2-chloroethoxy)methane	40 ug/l	87.4	45.0-105			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Bis(2-chloroethyl)ether	40 ug/l	85.9	35.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Bis(2-chloroisopropyl)ether	40 ug/l	87.8	25.0-130			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Bis(2-ethylhexyl)phthalate	40 ug/l	92.5	40.0-125			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
4-Bromophenyl phenyl ether	40 ug/l	89.7	50.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Butylbenzyl phthalate	40 ug/l	87.6	45.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2-Chloronaphthalene	40 ug/l	88.4	50.0-105			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2-Chlorophenol	40 ug/l	85.2	35.0-105			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
4-Chlorophenyl phenyl ether	40 ug/l	87.6	50.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Chrysene	40 ug/l	92.4	55.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Di-n-butyl phthalate	40 ug/l	101	55.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Di-n-octyl phthalate	40 ug/l	101	35.0-135			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Dibenz(a,h)anthracene	40 ug/l	85.5	40.0-125			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
1,2-Dichlorobenzene	40 ug/l	81.0	35.0-100			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
1,3-Dichlorobenzene	40 ug/l	79.9	30.0-100			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
1,4-Dichlorobenzene	40 ug/l	78.9	30.0-100			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
3,3'-Dichlorobenzidine	40 ug/l	60.5	20.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2,4-Dichlorophenol	40 ug/l	86.6	50.0-105			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Diethyl phthalate	40 ug/l	92.8	40.0-120			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Dimethyl phthalate	40 ug/l	93.4	25.0-125			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2,4-Dimethylphenol	40 ug/l	57.7	30.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
4,6-Dinitro-o-cresol	40 ug/l	66.0	40.0-130			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2,4-Dinitrophenol	40 ug/l	25.4	15.0-140			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2,4-Dinitrotoluene	40 ug/l	91.4	50.0-120			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2,6-Dinitrotoluene	40 ug/l	92.7	50.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
1,2-Diphenylhydrazine	40 ug/l	92.2	55.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Fluoranthene	40 ug/l	96.4	55.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Fluorene	40 ug/l	89.9	50.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Hexachlorobenzene	40 ug/l	90.9	50.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Hexachlorobutadiene	40 ug/l	80.0	25.0-105			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Hexachlorocyclopentadiene	40 ug/l	83.8	39.2-114			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)										
Hexachloroethane	40 ug/l	77.0	30.0-100			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Indeno(1,2,3-cd)pyrene	40 ug/l	81.6	45.0-125			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Isophorone	40 ug/l	85.6	50.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
n-Nitrosodi-n-propylamine	40 ug/l	91.6	35.0-130			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
n-Nitrosodimethylamine	40 ug/l	79.6	25.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
n-Nitrosodiphenylamine	40 ug/l	91.2	50.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Naphthalene	40 ug/l	86.2	40.0-100			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Nitrobenzene	40 ug/l	86.9	45.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2-Nitrophenol	40 ug/l	89.8	40.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
4-Nitrophenol	40 ug/l	45.8	0.00-125			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
p-Chloro-m-cresol	40 ug/l	86.5	45.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Pentachlorophenol	40 ug/l	40.5	40.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Phenanthrene	40 ug/l	90.9	50.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Phenol	40 ug/l	49.2	0.00-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Pyrene	40 ug/l	87.2	50.0-130			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
1,2,4-Trichlorobenzene	40 ug/l	83.0	35.0-105			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2,4,6-Trichlorophenol	40 ug/l	90.5	50.0-115			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	94.6	50.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2-Fluorophenol	40 ug/l	68.6	20.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Nitrobenzene-D5	40 ug/l	92.2	40.0-110			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Terphenyl-D14	40 ug/l	94.4	50.0-135			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
2,4,6-Tribromophenol	40 ug/l	84.4	40.0-125			B9236	07Nov14 1409 by 306	08Nov14 0101 by 301		
Volatile Organic Compounds										
Acrolein	100 ug/l	82.0	8.00-157			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Acrylonitrile	100 ug/l	95.5	55.2-142			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Benzene	20 ug/l	91.8	80.0-120			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Bromodichloromethane	20 ug/l	92.0	75.0-120			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Bromoform	20 ug/l	106	70.0-130			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Bromomethane	20 ug/l	93.6	30.0-145			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Carbon tetrachloride	20 ug/l	101	65.0-140			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Chlorobenzene	20 ug/l	97.4	80.0-120			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Chloroethane	20 ug/l	92.7	60.0-135			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
2-Chloroethyl vinyl ether	40 ug/l	99.6	71.7-119			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Chloroform	20 ug/l	89.4	65.0-135			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Chloromethane	20 ug/l	84.0	40.0-125			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Dibromochloromethane	20 ug/l	103	60.0-135			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,2-Dichlorobenzene	20 ug/l	97.6	70.0-120			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,3-Dichlorobenzene	20 ug/l	97.7	75.0-125			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
1,4-Dichlorobenzene	20 ug/l	100	75.0-125			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,1-Dichloroethane	20 ug/l	107	70.0-135			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,2-Dichloroethane	20 ug/l	99.4	70.0-130			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,1-Dichloroethene	20 ug/l	92.1	70.0-130			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
trans-1,2-Dichloroethene	20 ug/l	92.7	60.0-140			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,2-Dichloropropane	20 ug/l	86.8	75.0-125			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
cis-1,3-Dichloropropene	20 ug/l	96.4	70.0-130			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
trans-1,3-Dichloropropene	20 ug/l	97.8	55.0-140			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Ethylbenzene	20 ug/l	95.0	75.0-125			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Methylene chloride	20 ug/l	92.2	55.0-140			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,1,2,2-Tetrachloroethane	20 ug/l	99.4	65.0-130			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Tetrachloroethene	20 ug/l	101	45.0-150			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Toluene	20 ug/l	94.1	75.0-120			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,1,1-Trichloroethane	20 ug/l	82.0	65.0-130			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
1,1,2-Trichloroethane	20 ug/l	94.6	75.0-125			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Trichloroethene	20 ug/l	93.1	70.0-125			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Vinyl chloride	20 ug/l	91.8	50.0-145			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	97.5	75.0-120			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Dibromofluoromethane	50 ug/l	95.5	85.0-115			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		
Toluene-D8	50 ug/l	97.5	85.0-120			V8633	07Nov14 1000 by 301	07Nov14 1037 by 301		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds									
Acenaphthene	184398-1	40 ug/l	90.2	45.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Acenaphthylene	184398-1	40 ug/l	91.3	50.0-105	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Anthracene	184398-1	40 ug/l	94.6	55.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Benzidine	184398-1	100 ug/l	21.1	0.00-52.1	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Benzo(a)anthracene	184398-1	40 ug/l	97.4	55.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Benzo(a)pyrene	184398-1	40 ug/l	92.0	55.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Benzo(g,h,i)perylene	184398-1	40 ug/l	94.5	40.0-125	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Benzo(k)fluoranthene	184398-1	40 ug/l	103	45.0-125	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
3,4-Benzofluoranthene	184398-1	40 ug/l	98.2	45.0-120	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Bis(2-chloroethoxy)methane	184398-1	40 ug/l	86.4	45.0-105	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Bis(2-chloroethyl)ether	184398-1	40 ug/l	85.3	35.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Bis(2-chloroisopropyl)ether	184398-1	40 ug/l	86.0	25.0-130	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Bis(2-ethylhexyl)phthalate	184398-1	40 ug/l	88.5	40.0-125	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
4-Bromophenyl phenyl ether	184398-1	40 ug/l	91.6	50.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Butylbenzyl phthalate	184398-1	40 ug/l	88.7	45.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2-Chloronaphthalene	184398-1	40 ug/l	89.4	50.0-105	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2-Chlorophenol	184398-1	40 ug/l	83.6	35.0-105	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
4-Chlorophenyl phenyl ether	184398-1	40 ug/l	89.2	50.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Chrysene	184398-1	40 ug/l	95.2	55.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Di-n-butyl phthalate	184398-1	40 ug/l	103	55.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Di-n-octyl phthalate	184398-1	40 ug/l	93.2	35.0-135	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Dibenz(a,h)anthracene	184398-1	40 ug/l	93.0	40.0-125	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
1,2-Dichlorobenzene	184398-1	40 ug/l	79.6	35.0-100	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
1,3-Dichlorobenzene	184398-1	40 ug/l	79.2	30.0-100	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
1,4-Dichlorobenzene	184398-1	40 ug/l	78.5	30.0-100	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
3,3'-Dichlorobenzidine	184398-1	40 ug/l	71.0	20.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2,4-Dichlorophenol	184398-1	40 ug/l	85.2	50.0-105	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Diethyl phthalate	184398-1	40 ug/l	94.6	40.0-120	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Dimethyl phthalate	184398-1	40 ug/l	94.5	25.0-125	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2,4-Dimethylphenol	184398-1	40 ug/l	58.1	30.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
4,6-Dinitro-o-cresol	184398-1	40 ug/l	69.6	40.0-130	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2,4-Dinitrophenol	184398-1	40 ug/l	30.2	15.0-140	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2,4-Dinitrotoluene	184398-1	40 ug/l	93.2	50.0-120	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2,6-Dinitrotoluene	184398-1	40 ug/l	93.2	50.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
1,2-Diphenylhydrazine	184398-1	40 ug/l	92.4	55.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Fluoranthene	184398-1	40 ug/l	101	55.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Fluorene	184398-1	40 ug/l	90.8	50.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Hexachlorobenzene	184398-1	40 ug/l	92.1	50.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Hexachlorobutadiene	184398-1	40 ug/l	80.8	25.0-105	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Hexachlorocyclopentadiene	184398-1	40 ug/l	87.7	36.4-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Hexachloroethane	184398-1	40 ug/l	78.0	30.0-100	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Indeno(1,2,3-cd)pyrene	184398-1	40 ug/l	90.9	45.0-125	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Isophorone	184398-1	40 ug/l	87.4	50.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
n-Nitrosodi-n-propylamine	184398-1	40 ug/l	88.8	35.0-130	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
n-Nitrosodimethylamine	184398-1	40 ug/l	73.4	25.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
n-Nitrosodiphenylamine	184398-1	40 ug/l	92.1	50.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Naphthalene	184398-1	40 ug/l	86.4	40.0-100	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Nitrobenzene	184398-1	40 ug/l	86.8	45.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2-Nitrophenol	184398-1	40 ug/l	89.7	40.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
4-Nitrophenol	184398-1	40 ug/l	48.3	0.00-125	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
p-Chloro-m-cresol	184398-1	40 ug/l	87.4	45.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Pentachlorophenol	184398-1	40 ug/l	46.2	40.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Phenanthrene	184398-1	40 ug/l	93.3	50.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Phenol	184398-1	40 ug/l	49.3	0.00-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Pyrene	184398-1	40 ug/l	87.6	50.0-130	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
1,2,4-Trichlorobenzene	184398-1	40 ug/l	83.0	35.0-105	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2,4,6-Trichlorophenol	184398-1	40 ug/l	90.0	50.0-115	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	184398-1	40 ug/l	94.4	50.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2-Fluorophenol	184398-1	40 ug/l	68.2	20.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Nitrobenzene-D5	184398-1	40 ug/l	90.7	40.0-110	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Terphenyl-D14	184398-1	40 ug/l	92.4	50.0-135	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
2,4,6-Tribromophenol	184398-1	40 ug/l	82.9	40.0-125	B9236	07Nov14 1409 by 306	08Nov14 0137 by 301		
Volatile Organic Compounds									
Acrolein	184398-2	100 ug/l	75.2	1.20-149	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Acrylonitrile	184398-2	100 ug/l	89.3	17.1-172	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Benzene	184398-2	20 ug/l	94.8	80.0-120	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Bromodichloromethane	184398-2	20 ug/l	91.0	75.0-120	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Bromoform	184398-2	20 ug/l	100	70.0-130	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Bromomethane	184398-2	20 ug/l	94.6	30.0-145	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Carbon tetrachloride	184398-2	20 ug/l	103	65.0-140	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Chlorobenzene	184398-2	20 ug/l	99.0	80.0-120	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Chloroethane	184398-2	20 ug/l	94.2	60.0-135	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
2-Chloroethyl vinyl ether	184398-2	40 ug/l	69.1	58.0-134	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Chloroform	184398-2	20 ug/l	91.3	65.0-135	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Chloromethane	184398-2	20 ug/l	86.2	40.0-125	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Dibromochloromethane	184398-2	20 ug/l	98.6	60.0-135	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,2-Dichlorobenzene	184398-2	20 ug/l	96.2	70.0-120	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,3-Dichlorobenzene	184398-2	20 ug/l	100	75.0-125	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
1,4-Dichlorobenzene	184398-2	20 ug/l	99.6	75.0-125	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,1-Dichloroethane	184398-2	20 ug/l	112	70.0-135	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,2-Dichloroethane	184398-2	20 ug/l	93.3	70.0-130	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,1-Dichloroethene	184398-2	20 ug/l	95.0	70.0-130	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
trans-1,2-Dichloroethene	184398-2	20 ug/l	98.2	60.0-140	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,2-Dichloropropane	184398-2	20 ug/l	87.3	75.0-125	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
cis-1,3-Dichloropropene	184398-2	20 ug/l	93.5	70.0-130	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
trans-1,3-Dichloropropene	184398-2	20 ug/l	88.0	55.0-140	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Ethylbenzene	184398-2	20 ug/l	99.4	75.0-125	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Methylene chloride	184398-2	20 ug/l	90.2	55.0-140	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,1,2,2-Tetrachloroethane	184398-2	20 ug/l	92.4	65.0-130	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Tetrachloroethene	184398-2	20 ug/l	107	45.0-150	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Toluene	184398-2	20 ug/l	98.2	75.0-120	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,1,1-Trichloroethane	184398-2	20 ug/l	85.9	65.0-130	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
1,1,2-Trichloroethane	184398-2	20 ug/l	89.5	75.0-125	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Trichloroethene	184398-2	20 ug/l	96.0	70.0-125	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Vinyl chloride	184398-2	20 ug/l	92.8	50.0-145	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	184398-2	50 ug/l	97.5	75.0-120	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Dibromofluoromethane	184398-2	50 ug/l	95.2	85.0-115	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		
Toluene-D8	184398-2	50 ug/l	97.3	85.0-120	V8633	07Nov14 1000 by 301	07Nov14 1206 by 301		

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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Acenaphthene	< 0.83 ug/l	0.83	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Acenaphthylene	< 0.79 ug/l	0.79	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Anthracene	< 1.5 ug/l	1.5	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Benzidine	< 14 ug/l	14	25	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Benzo(a)anthracene	< 0.75 ug/l	0.75	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Benzo(a)pyrene	< 0.63 ug/l	0.63	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Benzo(g,h,i)perylene	< 0.79 ug/l	0.79	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Benzo(k)fluoranthene	< 1.6 ug/l	1.6	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
3,4-Benzofluoranthene	< 1.4 ug/l	1.4	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Bis(2-chloroethoxy)methane	< 0.80 ug/l	0.80	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Bis(2-chloroethyl)ether	< 0.88 ug/l	0.88	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Bis(2-chloroisopropyl)ether	< 0.94 ug/l	0.94	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Bis(2-ethylhexyl)phthalate	< 3.8 ug/l	3.8	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
4-Bromophenyl phenyl ether	< 1.2 ug/l	1.2	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Butylbenzyl phthalate	< 1.5 ug/l	1.5	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2-Chloronaphthalene	< 0.84 ug/l	0.84	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2-Chlorophenol	< 2.1 ug/l	2.1	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
4-Chlorophenyl phenyl ether	< 0.96 ug/l	0.96	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Chrysene	< 0.83 ug/l	0.83	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Di-n-butyl phthalate	< 1.1 ug/l	1.1	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Di-n-octyl phthalate	< 0.70 ug/l	0.70	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Dibenz(a,h)anthracene	< 1.2 ug/l	1.2	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
3,3'-Dichlorobenzidine	< 4.9 ug/l	4.9	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2,4-Dichlorophenol	< 0.51 ug/l	0.51	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Diethyl phthalate	< 0.85 ug/l	0.85	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Dimethyl phthalate	< 0.93 ug/l	0.93	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2,4-Dimethylphenol	< 0.79 ug/l	0.79	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
4,6-Dinitro-o-cresol	< 0.75 ug/l	0.75	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2,4-Dinitrophenol	< 0.74 ug/l	0.74	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2,4-Dinitrotoluene	< 0.51 ug/l	0.51	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2,6-Dinitrotoluene	< 0.83 ug/l	0.83	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
1,2-Diphenylhydrazine	< 0.60 ug/l	0.60	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Fluoranthene	< 0.96 ug/l	0.96	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Fluorene	< 0.99 ug/l	0.99	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Hexachlorobenzene	< 1.1 ug/l	1.1	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Hexachlorobutadiene	< 0.71 ug/l	0.71	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Hexachlorocyclopentadiene	< 0.74 ug/l	0.74	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Hexachloroethane	< 0.73 ug/l	0.73	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Indeno(1,2,3-cd)pyrene	< 1.2 ug/l	1.2	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Isophorone	< 0.90 ug/l	0.90	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
n-Nitrosodi-n-propylamine	< 0.90 ug/l	0.90	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
n-Nitrosodimethylamine	< 2.5 ug/l	2.5	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
n-Nitrosodiphenylamine	< 1.1 ug/l	1.1	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	R
Naphthalene	< 0.87 ug/l	0.87	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Nitrobenzene	< 0.85 ug/l	0.85	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2-Nitrophenol	< 0.82 ug/l	0.82	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
4-Nitrophenol	< 0.70 ug/l	0.70	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
p-Chloro-m-cresol	< 1.7 ug/l	1.7	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Pentachlorophenol	< 0.94 ug/l	0.94	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	

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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Phenanthrene	< 0.93 ug/l	0.93	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Phenol	< 2.6 ug/l	2.6	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Pyrene	< 0.56 ug/l	0.56	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
1,2,4-Trichlorobenzene	< 0.87 ug/l	0.87	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2,4,6-Trichlorophenol	< 1.4 ug/l	1.4	5.0	B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	97.2 %			B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2-Fluorophenol (20.0-110%)	61.0 %			B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Nitrobenzene-D5 (40.0-110%)	92.5 %			B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Terphenyl-D14 (50.0-135%)	114 %			B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
2,4,6-Tribromophenol (40.0-125%)	43.1 %			B9236-1	07Nov14 1409 by 306	08Nov14 0025 by 301	
Volatile Organic Compounds							
Acrolein	< 0.78 ug/l	0.78	25	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Acrylonitrile	< 0.63 ug/l	0.63	25	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Benzene	< 0.12 ug/l	0.12	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Bromoform	< 0.26 ug/l	0.26	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Carbon tetrachloride	< 0.21 ug/l	0.21	2.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Chlorobenzene	< 0.11 ug/l	0.11	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Chlorodibromomethane	< 0.11 ug/l	0.11	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Chloroethane	< 0.35 ug/l	0.35	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
2-Chloroethyl vinyl ether	< 0.24 ug/l	0.24	10	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Chloroform	< 0.16 ug/l	0.16	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,2-Dichlorobenzene	< 0.17 ug/l	0.17	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,3-Dichlorobenzene	< 0.14 ug/l	0.14	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,4-Dichlorobenzene	< 0.19 ug/l	0.19	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Dichlorobromomethane	< 0.17 ug/l	0.17	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,1-Dichloroethane	< 0.15 ug/l	0.15	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,2-Dichloroethane	< 0.21 ug/l	0.21	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,1-Dichloroethylene	< 0.24 ug/l	0.24	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
trans-1,2-Dichloroethylene	< 0.20 ug/l	0.20	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,2-Dichloropropane	< 0.19 ug/l	0.19	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
cis-1,3-Dichloropropylene	< 0.14 ug/l	0.14	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
trans-1,3-Dichloropropylene	< 0.20 ug/l	0.20	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Ethylbenzene	< 0.12 ug/l	0.12	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Methyl bromide(Bromomethane)	< 0.16 ug/l	0.16	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Methyl chloride(Chloromethane)	< 0.19 ug/l	0.19	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Methylene chloride	< 0.25 ug/l	0.25	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,1,2,2-Tetrachloroethane	< 0.20 ug/l	0.20	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Tetrachloroethylene	< 0.18 ug/l	0.18	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Toluene	< 0.16 ug/l	0.16	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,1,1-Trichloroethane	< 0.13 ug/l	0.13	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
1,1,2-Trichloroethane	< 0.19 ug/l	0.19	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Trichloroethylene	< 0.22 ug/l	0.22	5.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Vinyl chloride	< 0.47 ug/l	0.47	2.0	V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	93.4 %			V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Dibromofluoromethane (85.0-115%)	91.6 %			V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	
Toluene-D8 (85.0-120%)	98.4 %			V8633-1	07Nov14 1000 by 301	07Nov14 1316 by 301	

