

From: [Belcourt, Jamie](#)
To: ["Randel Davis"](#)
Subject: Bad Boy Mowers - June 2022 Semiannual Pretreatment Report
Date: Thursday, June 23, 2022 1:07:11 PM
Attachments: [image003.png](#)

Randel,

Bad Boy's semiannual pretreatment report for June 2022 was electronically received, reviewed, and deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Metal Finishing Pretreatment standards in 40 CFR 433.17.

Thank you,

Jamie Belcourt | Pretreatment Coordinator

Division of Environmental Quality | Office of Water Quality

5301 Northshore Drive | North Little Rock, AR 72118

t: 501.682.0858 | e: jamie.belcourt@adeq.state.ar.us



(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Bad Boy Mowers
102 Industrial Drive
Batesville AR 72501
Alcoa 702

B. FACILITY & LOCATION ADDRESS

same as mailing
Address

C. FACILITY CONTACT:

Randell Davis

TELEPHONE NUMBER:

870.612.0360

e-mail:

randell.davis@badboy-mowers.com

(2) REPORTING PERIOD - FISCAL YEAR From ??? to ???? (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: December TO: June

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Stages 2 & 4 are Rinse
Stages in a Five stage
Wash Cleaning Process

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.

N/A

*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS.

C. Number of Regular Employees at this Facility

973

D. [Reserved]

001 #

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Regulated (Cyanide)	12000	18000	
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	1,6000	20000	
Total Flow to POTW	28000	38000	*****

*"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 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	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	BPL
Ave Measured									

Sample Location Sump Pit at 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:

(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

Paint Shop Supervisor
OFFICIAL TITLE

Randel Davis
SIGNATURE

6-20-2022
DATE SIGNED

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Bad Boy Inc. AR002072
102 Industrial Dr.
Batesville AR 72501

B. FACILITY & LOCATION ADDRESS

Same as mailing
Address

C. FACILITY CONTACT:

Randell Davis

TELEPHONE NUMBER:

870 6120750

e-mail:

randell.davis@badboywashers.com

(2) REPORTING PERIOD- FISCAL YEAR From ??? to ??? (Both Semi-Annual Reports must cover Fiscal Year)

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June & December

B. PERIOD COVERED BY THIS REPORT

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Stages in a five stage
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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.

Handwritten signature/initials

*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS.

C. Number of Regular Employees at this Facility

923

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Cyanide)	14000	20000	
'403.6(e) Unregulated*			
'403.6(e) Dilute			
Cooling Water			
Sanitary	16000	20000	
Total Flow to POTW	30000	40000	*****

*"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

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.

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Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	LO.02	LO.02	LO.02	LO.02	0.020	LO.02	0.022	LO.01	BDL
Ave Measured									

Sample Location Sump P/H at 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]

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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 _____.

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

(8) GENERAL COMMENTS

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

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

6-20-2022
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

Collection Date / Time: May 6, 2022

10:38 AM

Wastewater Analysis

Collection Place: **Paint Shop #1**

Collected By: MRM

Parameter	Date / Time Begin	Date / Time End	Results	Unit	Ldg (lbs/dy)	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	05/24 12:18 PM	NA	< 0.02	mg/l	NA	KLB	90.7	1.20	Grab	1
Chromium	05/24 12:18 PM	NA	< 0.02	mg/l	NA	KLB	95.0	7.91	Grab	1
Copper	05/24 12:18 PM	NA	< 0.02	mg/l	NA	KLB	92.6	3.25	Grab	1
Lead	05/24 12:18 PM	NA	< 0.02	mg/l	NA	KLB	96.1	0.56	Grab	1
Nickel	05/24 12:18 PM	NA	< 0.02	mg/l	NA	KLB	94.9	0.00	Grab	1
Zinc	05/24 12:18 PM	NA	< 0.02	mg/l	NA	KLB	94.4	1.66	Grab	1
Silver	05/24 12:18 PM	NA	< 0.02	mg/l	NA	KLB	94.9	1.46	Grab	1
Volatile, Semi-Volatile (BNA) AI # 265390		NA	SEE ATTACHED REPORT			AI				2
pH	05/06 10:38 AM	NA	7.13	S.U.	NA	MRM	NA	0.00	GRAB	3
Cyanide, Total	05/10 11:15 AM	NA	< 0.01	mg/l	NA	AI352	89.7	1.54	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 3120B-2011
2. See attached American Interplex Report
3. SM 4500 HB
4. SM 4500-CN-E


 Neville Adams, Manager

Arkansas Testing Laboratories

3301 Langley Drive · Searcy, AR 72143

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

BAD BOY MOWERS

Collection Date / Time: May 6, 2022

10:41 AM

Wastewater Analysis

Collection Place: Paint Shop #2

Collected By: MRM

Parameter	Date / Time Begin	Date / Time End	Results	Unit	Ldg (lbs/dy)	Analyst	% Spike	Rel %	Sample Type	Ref #	
Cadmium	05/24 12:24 PM	NA	< 0.02	mg/l	NA	KLB	90.7	1.02	Grab	1	
Chromium	05/24 12:24 PM	NA	< 0.02	mg/l	NA	KLB	95.0	7.91	Grab	1	
Copper	05/24 12:24 PM	NA	< 0.02	mg/l	NA	KLB	92.6	3.25	Grab	1	
Lead	05/24 12:24 PM	NA	< 0.02	mg/l	NA	KLB	96.1	0.56	Grab	1	
Nickel	05/24 12:24 PM	NA	0.020	mg/l	NA	KLB	94.9	0.00	Grab	1	
Zinc	05/24 12:24 PM	NA	0.022	mg/l	NA	KLB	94.4	1.66	Grab	1	
Silver	05/24 12:24 PM	NA	< 0.02	mg/l	NA	KLB	94.9	1.46	Grab	1	
Vol & Semi Vols (BNA) American Interplex #265390			AI	SEE ATTACHED REPORT							2
pH	05/06 10:41 AM	NA	7.05	S.U.	NA	MRM	NA	0.00	GRAB	3	
Cyanide, Total	05/10 11:16 AM	NA	< 0.01	mg/l	NA	AI352	89.7	1.54	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 3120B-2011
2. See attached American Interplex Report
3. SM 4500 HB-2000
4. SM 4500-CN-E-1999

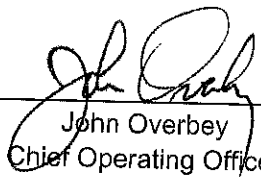

 Neville Adams, Manager

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

This report contains the analytical results and supporting information for samples received on May 6, 2022. 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 Chief Operating Officer or a qualified designee.



John Overbey by LP
Chief Operating Officer

This document has been distributed to the following:

PDF cc: Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
arktestlabs@gmail.com

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on May 6, 2022
2908
P.O. No. 2908

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>
265390-1	BB1	06-May-2022 1038	
265390-2	BB2	06-May-2022 1041	

Qualifiers:

- D Result is from a secondary dilution factor
- H Analytical holding time exceeded regulatory requirements
- Q Analyte is not within quality control limits
- R n-Nitrosodiphenylamine cannot be separated from diphenylamine
- X Spiking level is invalid due to the high concentration of analyte in the spiked sample

Case Narrative:

Matrix spike for batch B12815 was not performed on any sample associated with AIC Control No. 265390.

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. 265390-1

Sample Identification: BB1 06-May-2022 1038

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C,E 2011	< 0.01 Analyzed: 10-May-2022 1115 by 352	0.01	mg/l Batch: W79487	
Base/Neutral and Acid Compounds By EPA 625.1				
Acenaphthene EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Acenaphthylene EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Anthracene EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Benzidine EPA 625.1	< 50 Analyzed: 13-May-2022 1918 by 271	50	ug/l Batch: B12815	
Benzo(a)anthracene EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Benzo(a)pyrene EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Benzo(g,h,i)perylene EPA 625.1	< 10 Analyzed: 13-May-2022 1918 by 271	10	ug/l Batch: B12815	
Benzo(k)fluoranthene EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
3,4-Benzofluoranthene EPA 625.1	< 10 Analyzed: 13-May-2022 1918 by 271	10	ug/l Batch: B12815	
Bis(2-chloroethoxy)methane EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Bis(2-chloroethyl)ether EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Bis(2-chloroisopropyl)ether EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Bis(2-ethylhexyl)phthalate EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
4-Bromophenyl phenyl ether EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Butylbenzyl phthalate EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
2-Chloronaphthalene EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
2-Chlorophenol EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
4-Chlorophenyl phenyl ether EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Chrysene EPA 625.1	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 265390-1 (Continued)

Sample Identification: BB1 06-May-2022 1038

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Di-n-butyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Di-n-octyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Dibenz(a,h)anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
1,2-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
1,3-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
1,4-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
3,3'-Dichlorobenzidine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
2,4-Dichlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Diethyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Dimethyl phthalate EPA 625.1	< 4.0	4.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
2,4-Dimethylphenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
4,6-Dinitro-o-cresol EPA 625.1	< 10	10	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
2,4-Dinitrophenol EPA 625.1	< 10	10	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
2,4-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
2,6-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
1,2-Diphenylhydrazine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Fluoranthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Fluorene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Hexachlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Hexachlorobutadiene EPA 625.1	< 2.0	2.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	

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ANALYTICAL RESULTS
AIC No. 265390-1 (Continued)
Sample Identification: BB1 06-May-2022 1038

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Hexachlorocyclopentadiene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 10 Analyzed: 13-May-2022 1918 by 271	10	ug/l Batch: B12815	
Hexachloroethane EPA 625.1 Prep: 11-May-2022 1241 by 348	< 4.0 Analyzed: 13-May-2022 1918 by 271	4.0	ug/l Batch: B12815	
Indeno(1,2,3-cd)pyrene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Isophorone EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
n-Nitrosodi-n-propylamine EPA 625.1 Prep: 11-May-2022 1241 by 348	< 10 Analyzed: 13-May-2022 1918 by 271	10	ug/l Batch: B12815	
n-Nitrosodimethylamine EPA 625.1 Prep: 11-May-2022 1241 by 348	< 10 Analyzed: 13-May-2022 1918 by 271	10	ug/l Batch: B12815	
n-Nitrosodiphenylamine EPA 625.1 Prep: 11-May-2022 1241 by 348	< 10 Analyzed: 13-May-2022 1918 by 271	10	ug/l Batch: B12815	R
Naphthalene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 4.0 Analyzed: 13-May-2022 1918 by 271	4.0	ug/l Batch: B12815	
Nitrobenzene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
2-Nitrophenol EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
4-Nitrophenol EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
p-Chloro-m-cresol EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Pentachlorophenol EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Phenanthrene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Phenol EPA 625.1 Prep: 11-May-2022 1241 by 348	< 4.0 Analyzed: 13-May-2022 1918 by 271	4.0	ug/l Batch: B12815	
Pyrene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
1,2,4-Trichlorobenzene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
2,4,6-Trichlorophenol EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 1918 by 271	5.0	ug/l Batch: B12815	
Surrogate: 2-Fluorobiphenyl (29.8-119%) EPA 625.1 Prep: 11-May-2022 1241 by 348	85.5 Analyzed: 13-May-2022 1918 by 271		% Batch: B12815	
Surrogate: 2-Fluorophenol (4.10-104%) EPA 625.1 Prep: 11-May-2022 1241 by 348	43.5 Analyzed: 13-May-2022 1918 by 271		% Batch: B12815	

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ANALYTICAL RESULTS
AIC No. 265390-1 (Continued)

Sample Identification: BB1 06-May-2022 1038

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Surrogate: Nitrobenzene-D5 (26.4-118%) EPA 625.1	86.3		%	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Surrogate: Terphenyl-D14 (9.20-165%) EPA 625.1	95.9		%	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Surrogate: 2,4,6-Tribromophenol (5.20-143%) EPA 625.1	23.4		%	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 1918 by 271		Batch: B12815	
Volatile Organic Compounds By EPA 624.1				
Acrolein EPA 624.1	< 20	20	ug/l	H
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Acrylonitrile EPA 624.1	< 10	10	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Benzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Bromoform EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Carbon tetrachloride EPA 624.1	< 2.0	2.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Chlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Chlorodibromomethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Chloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
2-Chloroethyl vinyl ether EPA 624.1	< 10	10	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Chloroform EPA 624.1	< 4.0	4.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
1,2-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
1,3-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
1,4-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
Dichlorobromomethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
1,1-Dichloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	
1,2-Dichloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 12-May-2022 1850 by 354		Batch: V10293	

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ANALYTICAL RESULTS
AIC No. 265390-1 (Continued)
Sample Identification: BB1 06-May-2022 1038

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624.1 (Continued)				
1,1-Dichloroethylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
trans-1,2-Dichloroethylene EPA 624.1	< 2.0 Analyzed: 12-May-2022 1850 by 354	2.0	ug/l Batch: V10293	
1,2-Dichloropropane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
cis-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
trans-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
Ethylbenzene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
Methyl bromide(Bromomethane) EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
Methyl chloride(Chloromethane) EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
Methylene chloride EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
1,1,2-Tetrachloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
Tetrachloroethylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
Toluene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
1,1,1-Trichloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
1,1,2-Trichloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
Trichloroethylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1850 by 354	5.0	ug/l Batch: V10293	
Vinyl chloride EPA 624.1	< 2.0 Analyzed: 12-May-2022 1850 by 354	2.0	ug/l Batch: V10293	
Surrogate: 4-Bromofluorobenzene (81.6-117%) EPA 624.1	100 Analyzed: 12-May-2022 1850 by 354		% Batch: V10293	
Surrogate: Dibromofluoromethane (87.9-112%) EPA 624.1	99.6 Analyzed: 12-May-2022 1850 by 354		% Batch: V10293	
Surrogate: Toluene-D8 (78.1-119%) EPA 624.1	99.7 Analyzed: 12-May-2022 1850 by 354		% Batch: V10293	

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ANALYTICAL RESULTS
AIC No. 265390-2

Sample Identification: BB2 06-May-2022 1041

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C,E 2011 Prep: 09-May-2022 1013 by 352	< 0.01 Analyzed: 10-May-2022 1116 by 352	0.01	mg/l Batch: W79487	
Base/Neutral and Acid Compounds By EPA 625.1				
Acenaphthene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Acenaphthylene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Anthracene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Benzidine EPA 625.1 Prep: 11-May-2022 1241 by 348	< 50 Analyzed: 13-May-2022 2001 by 271	50	ug/l Batch: B12815	
Benzo(a)anthracene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Benzo(a)pyrene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Benzo(g,h,i)perylene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 10 Analyzed: 13-May-2022 2001 by 271	10	ug/l Batch: B12815	
Benzo(k)fluoranthene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
3,4-Benzofluoranthene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 10 Analyzed: 13-May-2022 2001 by 271	10	ug/l Batch: B12815	
Bis(2-chloroethoxy)methane EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Bis(2-chloroethyl)ether EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Bis(2-chloroisopropyl)ether EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Bis(2-ethylhexyl)phthalate EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
4-Bromophenyl phenyl ether EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Butylbenzyl phthalate EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
2-Chloronaphthalene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
2-Chlorophenol EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
4-Chlorophenyl phenyl ether EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	
Chrysene EPA 625.1 Prep: 11-May-2022 1241 by 348	< 5.0 Analyzed: 13-May-2022 2001 by 271	5.0	ug/l Batch: B12815	

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ANALYTICAL RESULTS

AIC No. 265390-2 (Continued)

Sample Identification: BB2 06-May-2022 1041

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Di-n-butyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Di-n-octyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Dibenz(a,h)anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
1,2-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
1,3-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
1,4-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
3,3'-Dichlorobenzidine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
2,4-Dichlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Diethyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Dimethyl phthalate EPA 625.1	< 4.0	4.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
2,4-Dimethylphenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
4,6-Dinitro-o-cresol EPA 625.1	< 10	10	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
2,4-Dinitrophenol EPA 625.1	< 10	10	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
2,4-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
2,6-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
1,2-Diphenylhydrazine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Fluoranthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Fluorene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Hexachlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Hexachlorobutadiene EPA 625.1	< 2.0	2.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	

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ANALYTICAL RESULTS
AIC No. 265390-2 (Continued)
Sample Identification: BB2 06-May-2022 1041

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Hexachlorocyclopentadiene EPA 625.1	< 10	10	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Hexachloroethane EPA 625.1	< 4.0	4.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Indeno(1,2,3-cd)pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Isophorone EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
n-Nitrosodi-n-propylamine EPA 625.1	< 10	10	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
n-Nitrosodimethylamine EPA 625.1	< 10	10	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
n-Nitrosodiphenylamine EPA 625.1	< 10	10	ug/l	R
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Naphthalene EPA 625.1	< 4.0	4.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Nitrobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
2-Nitrophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
4-Nitrophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
p-Chloro-m-cresol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Pentachlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Phenanthrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Phenol EPA 625.1	< 4.0	4.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
1,2,4-Trichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
2,4,6-Trichlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Surrogate: 2-Fluorobiphenyl (29.8-119%) EPA 625.1	78.8		%	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	
Surrogate: 2-Fluorophenol (4.10-104%) EPA 625.1	32.2		%	
Prep: 11-May-2022 1241 by 348	Analyzed: 13-May-2022 2001 by 271		Batch: B12815	

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ANALYTICAL RESULTS

AIC No. 265390-2 (Continued)

Sample Identification: BB2 06-May-2022 1041

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Surrogate: Nitrobenzene-D5 (26.4-118%) EPA 625.1 Prep: 11-May-2022 1241 by 348	76.3 Analyzed: 13-May-2022 2001 by 271		% Batch: B12815	
Surrogate: Terphenyl-D14 (9.20-165%) EPA 625.1 Prep: 11-May-2022 1241 by 348	99.6 Analyzed: 13-May-2022 2001 by 271		% Batch: B12815	
Surrogate: 2,4,6-Tribromophenol (5.20-143%) EPA 625.1 Prep: 11-May-2022 1241 by 348	17.6 Analyzed: 13-May-2022 2001 by 271		% Batch: B12815	
Volatile Organic Compounds By EPA 624.1				
Acrolein EPA 624.1	< 20 Analyzed: 12-May-2022 1920 by 354	20	ug/l Batch: V10293	H
Acrylonitrile EPA 624.1	< 10 Analyzed: 12-May-2022 1920 by 354	10	ug/l Batch: V10293	
Benzene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Bromoform EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Carbon tetrachloride EPA 624.1	< 2.0 Analyzed: 12-May-2022 1920 by 354	2.0	ug/l Batch: V10293	
Chlorobenzene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Chlorodibromomethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Chloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
2-Chloroethyl vinyl ether EPA 624.1	< 10 Analyzed: 12-May-2022 1920 by 354	10	ug/l Batch: V10293	
Chloroform EPA 624.1	< 4.0 Analyzed: 12-May-2022 1920 by 354	4.0	ug/l Batch: V10293	
1,2-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
1,3-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
1,4-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Dichlorobromomethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
1,1-Dichloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
1,2-Dichloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	

Arkansas Testing Laboratories
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ANALYTICAL RESULTS

AIC No. 265390-2 (Continued)

Sample Identification: BB2 06-May-2022 1041

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624.1 (Continued)				
1,1-Dichloroethylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
trans-1,2-Dichloroethylene EPA 624.1	< 2.0 Analyzed: 12-May-2022 1920 by 354	2.0	ug/l Batch: V10293	
1,2-Dichloropropane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
cis-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
trans-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Ethylbenzene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Methyl bromide(Bromomethane) EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Methyl chloride(Chloromethane) EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Methylene chloride EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
1,1,1,2-Tetrachloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Tetrachloroethylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Toluene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
1,1,1-Trichloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
1,1,2-Trichloroethane EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Trichloroethylene EPA 624.1	< 5.0 Analyzed: 12-May-2022 1920 by 354	5.0	ug/l Batch: V10293	
Vinyl chloride EPA 624.1	< 2.0 Analyzed: 12-May-2022 1920 by 354	2.0	ug/l Batch: V10293	
Surrogate: 4-Bromofluorobenzene (81.6-117%) EPA 624.1	99.1 Analyzed: 12-May-2022 1920 by 354		% Batch: V10293	
Surrogate: Dibromofluoromethane (87.9-112%) EPA 624.1	99.4 Analyzed: 12-May-2022 1920 by 354		% Batch: V10293	
Surrogate: Toluene-D8 (78.1-119%) EPA 624.1	97.7 Analyzed: 12-May-2022 1920 by 354		% Batch: V10293	

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds								
TCLP: 1,1,2,2-Tetrachloroethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	61.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,1,1-Trichloroethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	36.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,1,2-Trichloroethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	45.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,2-Dichlorobenzene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	57.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,3-Dichlorobenzene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	43.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,4-Dichlorobenzene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	57.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,1-Dichloroethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	40.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,2-Dichloroethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	49.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,1-Dichloroethylene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	32.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 1,2-Dichloropropane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	55.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 2-Chloroethyl vinyl ether	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	71.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Acrolein	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	60.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Acrylonitrile	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	60.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Benzene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	61.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Bromodichloromethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	56.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Bromoform	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	42.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Bromomethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	61.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Carbon tetrachloride	265221-1	< 0.20 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.20 mg/l	0.00	41.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Chlorobenzene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	53.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Chloroethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	78.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Chloroform	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	54.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Chloromethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	60.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: cis-1,3-Dichloropropene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
Batch: V10293 Duplicate		< 0.50 mg/l	0.00	58.0	12May22 1323 by 354	12May22 2119 by 354	100	D

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
TCLP: Dibromochloromethane	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	< 0.50 mg/l	0.00	50.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Ethylbenzene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	< 0.50 mg/l	0.00	63.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Methylene chloride	265221-1	0.70 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	0.71 mg/l	2.06	28.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Tetrachloroethylene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	< 0.50 mg/l	0.00	39.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Toluene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	< 0.50 mg/l	0.00	41.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: trans-1,2-Dichloroethene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	< 0.50 mg/l	0.00	45.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: trans-1,3-Dichloropropene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	< 0.50 mg/l	0.00	86.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Trichloroethylene	265221-1	< 0.50 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	< 0.50 mg/l	0.00	48.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Vinyl chloride	265221-1	< 0.20 mg/l			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	< 0.20 mg/l	0.00	66.0	12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: 4-Bromofluorobenzene (81.6-117%)	265221-1	98.4 %			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	99.4 %			12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Dibromofluoromethane (87.9-112%)	265221-1	101 %			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	99.9 %			12May22 1323 by 354	12May22 2119 by 354	100	D
TCLP: Toluene-D8 (78.1-119%)	265221-1	100 %			12May22 1323 by 354	12May22 2049 by 354	100	D
	Batch: V10293 Duplicate	100 %			12May22 1323 by 354	12May22 2119 by 354	100	D

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	89.7	76.2-121			W79487	09May22 1013 by 352	10May22 1108 by 352		
Base/Neutral and Acid Compounds										
Acenaphthene	20 ug/l	80.5	60.0-132			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	81.8	60.0-132	1.57	48.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Acenaphthylene	20 ug/l	79.2	54.0-126			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	80.5	54.0-126	1.58	74.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Anthracene	20 ug/l	71.8	43.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	76.0	43.0-120	5.69	66.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Benzidine	100 ug/l	0.00	1.00-36.6			B12815	11May22 1241 by 348	13May22 1500 by 271		Q
	100 ug/l	0.00	1.00-36.6	0.00	86.4	B12815	11May22 1241 by 348	13May22 1543 by 271		Q
Benzo(a)anthracene	20 ug/l	76.7	42.0-133			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	83.0	42.0-133	7.97	53.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Benzo(a)pyrene	20 ug/l	72.6	32.0-148			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	77.2	32.0-148	6.09	72.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Benzo(b)fluoranthene	20 ug/l	99.7	42.0-140			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	98.6	42.0-140	1.16	71.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Benzo(g,h,i)perylene	20 ug/l	93.6	1.00-195			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	96.1	1.00-195	2.59	97.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Benzo(k)fluoranthene	20 ug/l	94.3	25.0-146			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	92.6	25.0-146	1.80	63.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
bis(2-Chloroethoxy)Methane	20 ug/l	82.7	49.0-165			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	82.9	49.0-165	0.191	54.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
bis(2-Chloroethyl)Ether	20 ug/l	77.8	43.0-126			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	79.8	43.0-126	2.56	108	B12815	11May22 1241 by 348	13May22 1543 by 271		
bis(2-Chloroisopropyl)Ether	20 ug/l	86.5	63.0-139			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	87.6	63.0-139	1.29	76.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
bis(2-Ethylhexyl)Phthalate	20 ug/l	80.9	29.0-137			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	89.5	29.0-137	10.1	82.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
4-Bromophenyl phenyl ether	20 ug/l	84.1	65.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	85.7	65.0-120	1.88	43.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Butyl benzyl phthalate	20 ug/l	67.8	1.00-140			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	72.9	1.00-140	7.21	60.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
4-Chloro-3-methylphenol	20 ug/l	79.5	41.0-128			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	78.8	41.0-128	0.951	73.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
2-Chloronaphthalene	20 ug/l	80.6	65.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	81.6	65.0-120	1.26	24.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
2-Chlorophenol	20 ug/l	81.1	36.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	79.6	36.0-120	1.90	61.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
4-Chlorophenyl phenyl ether	20 ug/l	80.9	38.0-145			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	83.5	38.0-145	3.15	61.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Chrysene	20 ug/l	80.7	44.0-140			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	85.8	44.0-140	6.16	87.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Di-n-butyl phthalate	20 ug/l	79.4	8.00-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	82.7	8.00-120	4.11	47.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Di-n-octyl phthalate	20 ug/l	93.1	19.0-132			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	98.7	19.0-132	5.84	69.0	B12815	11May22 1241 by 348	13May22 1543 by 271		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Dibenz(a,h)anthracene	20 ug/l	91.4	1.00-200			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	95.7	1.00-200	4.66	126	B12815	11May22 1241 by 348	13May22 1543 by 271		
1,2-Dichlorobenzene	20 ug/l	83.2	58.3-104			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	83.2	58.3-104	0.0498	17.8	B12815	11May22 1241 by 348	13May22 1543 by 271		
1,3-Dichlorobenzene	20 ug/l	78.0	62.1-97.5			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	77.5	62.1-97.5	0.705	18.3	B12815	11May22 1241 by 348	13May22 1543 by 271		
1,4-Dichlorobenzene	20 ug/l	81.2	56.0-101			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	80.8	56.0-101	0.453	14.3	B12815	11May22 1241 by 348	13May22 1543 by 271		
3,3'-Dichlorobenzidine	20 ug/l	2.32	8.00-213			B12815	11May22 1241 by 348	13May22 1500 by 271		Q
	20 ug/l	7.35	8.00-213	104	108	B12815	11May22 1241 by 348	13May22 1543 by 271		Q
2,4-Dichlorophenol	20 ug/l	81.0	53.0-122			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	79.7	53.0-122	1.60	50.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Diethyl phthalate	20 ug/l	76.4	1.00-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	79.0	1.00-120	3.40	100	B12815	11May22 1241 by 348	13May22 1543 by 271		
Dimethyl phthalate	20 ug/l	58.5	1.00-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	62.1	1.00-120	5.89	183	B12815	11May22 1241 by 348	13May22 1543 by 271		
2,4-Dimethylphenol	20 ug/l	23.1	42.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		Q
	20 ug/l	22.0	42.0-120	5.19	58.0	B12815	11May22 1241 by 348	13May22 1543 by 271		Q
4,6-Dinitro-2-methylphenol	20 ug/l	80.8	53.0-130			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	79.7	53.0-130	1.42	203	B12815	11May22 1241 by 348	13May22 1543 by 271		
2,4-Dinitrophenol	20 ug/l	69.4	1.00-173			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	54.6	1.00-173	23.8	132	B12815	11May22 1241 by 348	13May22 1543 by 271		
2,4-Dinitrotoluene	20 ug/l	80.6	48.0-127			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	82.8	48.0-127	2.69	42.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
2,6-Dinitrotoluene	20 ug/l	80.7	68.0-137			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	83.1	68.0-137	2.93	48.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
1,2-Diphenylhydrazine	20 ug/l	82.0	62.4-103			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	85.3	62.4-103	3.92	18.7	B12815	11May22 1241 by 348	13May22 1543 by 271		
Fluoranthene	20 ug/l	86.8	43.0-121			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	88.1	43.0-121	1.54	66.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Fluorene	20 ug/l	79.2	70.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	80.6	70.0-120	1.67	38.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Hexachlorobenzene	20 ug/l	81.3	8.00-142			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	82.7	8.00-142	1.75	55.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Hexachlorobutadiene	20 ug/l	78.3	38.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	76.6	38.0-120	2.19	62.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Hexachlorocyclopentadiene	20 ug/l	85.7	64.3-101			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	87.1	64.3-101	1.64	30.6	B12815	11May22 1241 by 348	13May22 1543 by 271		
Hexachloroethane	20 ug/l	76.8	55.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	77.0	55.0-120	0.234	52.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Indeno(1,2,3-cd)pyrene	20 ug/l	88.4	1.00-151			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	94.0	1.00-151	6.15	99.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Isophorone	20 ug/l	84.7	47.0-180			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	83.5	47.0-180	1.46	93.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
N-Nitroso-di-n-propylamine	20 ug/l	91.1	14.0-198			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	93.0	14.0-198	2.03	87.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
n-Nitrosodimethylamine	20 ug/l	58.8	39.5-70.7			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	57.2	39.5-70.7	2.79	23.8	B12815	11May22 1241 by 348	13May22 1543 by 271		

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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)										
n-Nitrosodiphenylamine	20 ug/l	62.5	48.0-113			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	61.1	48.0-113	2.22	27.4	B12815	11May22 1241 by 348	13May22 1543 by 271		
Naphthalene	20 ug/l	85.3	36.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	83.6	36.0-120	2.11	65.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Nitrobenzene	20 ug/l	70.7	54.0-158			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	72.4	54.0-158	2.26	62.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
2-Nitrophenol	20 ug/l	56.8	45.0-167			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	58.7	45.0-167	3.35	55.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
4-Nitrophenol	20 ug/l	72.0	13.0-129			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	72.2	13.0-129	0.148	131	B12815	11May22 1241 by 348	13May22 1543 by 271		
Pentachlorophenol	20 ug/l	67.2	38.0-152			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	60.5	38.0-152	10.4	86.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Phenanthrene	20 ug/l	82.4	65.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	83.6	65.0-120	1.37	39.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Phenol	20 ug/l	63.3	17.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	57.5	17.0-120	9.60	64.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Pyrene	20 ug/l	77.0	70.0-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	82.1	70.0-120	6.42	49.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
1,2,4-Trichlorobenzene	20 ug/l	83.0	57.0-130			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	81.4	57.0-130	1.94	50.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
2,4,6-Trichlorophenol	20 ug/l	67.9	52.0-129			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	68.4	52.0-129	0.758	58.0	B12815	11May22 1241 by 348	13May22 1543 by 271		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	20 ug/l	81.5	52.2-106			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	81.7	52.2-106	-	-	B12815	11May22 1241 by 348	13May22 1543 by 271		
2-Fluorophenol	20 ug/l	74.4	30.6-96.6			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	68.3	30.6-96.6	-	-	B12815	11May22 1241 by 348	13May22 1543 by 271		
Nitrobenzene-D5	20 ug/l	83.4	57.2-105			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	81.9	57.2-105	-	-	B12815	11May22 1241 by 348	13May22 1543 by 271		
Terphenyl-D14	20 ug/l	79.1	53.8-120			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	82.2	53.8-120	-	-	B12815	11May22 1241 by 348	13May22 1543 by 271		
2,4,6-Tribromophenol	20 ug/l	71.4	23.7-131			B12815	11May22 1241 by 348	13May22 1500 by 271		
	20 ug/l	68.8	23.7-131	-	-	B12815	11May22 1241 by 348	13May22 1543 by 271		
Volatile Organic Compounds										
Acrolein	250 ug/l	101	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Acrylonitrile	250 ug/l	96.2	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Benzene	50 ug/l	97.2	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Bromodichloromethane	50 ug/l	93.4	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Bromoform	50 ug/l	82.3	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Bromomethane	50 ug/l	81.0	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Carbon tetrachloride	50 ug/l	95.9	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Chlorobenzene	50 ug/l	97.0	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Chloroethane	50 ug/l	104	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
2-Chloroethyl vinyl ether	100 ug/l	102	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		

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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)										
Chloroform	50 ug/l	93.4	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Chloromethane	50 ug/l	100	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Dibromochloromethane	50 ug/l	89.5	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,2-Dichlorobenzene	50 ug/l	95.3	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,3-Dichlorobenzene	50 ug/l	97.0	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,4-Dichlorobenzene	50 ug/l	95.2	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,1-Dichloroethane	50 ug/l	104	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,2-Dichloroethane	50 ug/l	93.2	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,1-Dichloroethene	50 ug/l	87.4	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
trans-1,2-Dichloroethene	50 ug/l	87.7	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,2-Dichloropropane	50 ug/l	96.6	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
cis-1,3-Dichloropropene	50 ug/l	104	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
trans-1,3-Dichloropropene	50 ug/l	102	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Ethylbenzene	50 ug/l	103	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Methylene chloride	50 ug/l	83.7	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,1,2,2-Tetrachloroethane	50 ug/l	102	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Tetrachloroethene	50 ug/l	97.0	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Toluene	50 ug/l	92.8	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,1,1-Trichloroethane	50 ug/l	93.8	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
1,1,2-Trichloroethane	50 ug/l	92.4	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Trichloroethene	50 ug/l	102	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Vinyl chloride	50 ug/l	94.6	70.0-130			V10293	12May22 1037 by 354	12May22 1037 by 354		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	10 ug/l	101	89.7-109			V10293	12May22 1037 by 354	12May22 1037 by 354		
Dibromofluoromethane	10 ug/l	101	90.9-109			V10293	12May22 1037 by 354	12May22 1037 by 354		
Toluene-D8	10 ug/l	99.8	81.5-119			V10293	12May22 1037 by 354	12May22 1037 by 354		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	265390-1	0.1 mg/l	95.3	77.2-122	W79487	09May22 1013 by 352	10May22 1111 by 352		
	265390-1	0.1 mg/l	96.8	77.2-122	W79487	09May22 1013 by 352	10May22 1113 by 352		
	Relative Percent Difference:		1.54	14.7		W79487			
Base/Neutral and Acid Compounds									
Acenaphthene	265202-1	20 ug/l	81.6	47.0-145	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	81.0	47.0-145	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.718	48.0		B12815			
Acenaphthylene	265202-1	20 ug/l	77.9	33.0-145	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	76.5	33.0-145	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.85	74.0		B12815			
Anthracene	265202-1	20 ug/l	77.0	27.0-133	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	76.0	27.0-133	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.32	66.0		B12815			
Benzidine	265202-1	100 ug/l	0.00	1.00-36.2	B12815	11May22 1241 by 348	13May22 1626 by 271		Q
	265202-1	100 ug/l	0.00	1.00-36.2	B12815	11May22 1241 by 348	13May22 1709 by 271		Q
	Relative Percent Difference:		0.00	86.4		B12815			
Benzo(a)anthracene	265202-1	20 ug/l	79.8	33.0-143	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	80.7	33.0-143	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.09	53.0		B12815			
Benzo(a)pyrene	265202-1	20 ug/l	80.4	17.0-163	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	78.0	17.0-163	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.97	72.0		B12815			
Benzo(b)fluoranthene	265202-1	20 ug/l	102	24.0-159	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	98.9	24.0-159	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.91	71.0		B12815			
Benzo(g,h,i)perylene	265202-1	20 ug/l	108	1.00-219	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	111	1.00-219	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.07	97.0		B12815			
Benzo(k)fluoranthene	265202-1	20 ug/l	91.5	11.0-162	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	89.1	11.0-162	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.58	63.0		B12815			
bis(2-Chloroethoxy)Methane	265202-1	20 ug/l	82.8	33.0-184	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	81.6	33.0-184	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.52	54.0		B12815			
bis(2-Chloroethyl)Ether	265202-1	20 ug/l	64.6	12.0-158	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	67.7	12.0-158	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		4.46	108		B12815			
bis(2-Chloroisopropyl)Ether	265202-1	20 ug/l	86.3	36.0-166	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	83.0	36.0-166	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		3.75	76.0		B12815			
bis(2-Ethylhexyl)Phthalate	265202-1	20 ug/l	85.3	8.00-158	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	86.0	8.00-158	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.870	82.0		B12815			
4-Bromophenyl phenyl ether	265202-1	20 ug/l	86.0	53.0-127	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	86.1	53.0-127	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.141	43.0		B12815			
Butyl benzyl phthalate	265202-1	20 ug/l	79.9	1.00-152	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	80.7	1.00-152	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.974	60.0		B12815			

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
4-Chloro-3-methylphenol	265202-1	20 ug/l	85.0	22.0-147	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	82.9	22.0-147	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.43	73.0	B12815				
2-Chloronaphthalene	265202-1	20 ug/l	82.4	60.0-120	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	80.7	60.0-120	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.12	24.0	B12815				
2-Chlorophenol	265202-1	20 ug/l	30.8	23.0-134	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	30.8	23.0-134	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.111	61.0	B12815				
4-Chlorophenyl phenyl ether	265202-1	20 ug/l	83.4	25.0-158	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	81.0	25.0-158	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.91	61.0	B12815				
Chrysene	265202-1	20 ug/l	84.5	17.0-168	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	83.6	17.0-168	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.10	87.0	B12815				
Di-n-butyl phthalate	265202-1	20 ug/l	82.9	1.00-120	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	81.1	1.00-120	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.17	47.0	B12815				
Di-n-octyl phthalate	265202-1	20 ug/l	92.2	4.00-146	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	92.7	4.00-146	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.544	69.0	B12815				
Dibenz(a,h)anthracene	265202-1	20 ug/l	106	1.00-227	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	108	1.00-227	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.46	126	B12815				
1,2-Dichlorobenzene	265202-1	20 ug/l	85.0	49.9-104	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	83.1	49.9-104	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.28	17.8	B12815				
1,3-Dichlorobenzene	265202-1	20 ug/l	76.0	49.2-101	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	75.5	49.2-101	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.702	18.3	B12815				
1,4-Dichlorobenzene	265202-1	20 ug/l	81.1	50.2-99.2	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	73.9	50.2-99.2	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		9.25	14.3	B12815				
3,3'-Dichlorobenzidine	265202-1	20 ug/l	0.356	1.00-262	B12815	11May22 1241 by 348	13May22 1626 by 271		Q
	265202-1	20 ug/l	0.266	1.00-262	B12815	11May22 1241 by 348	13May22 1709 by 271		Q
	Relative Percent Difference:		28.9	108	B12815				
2,4-Dichlorophenol	265202-1	20 ug/l	85.5	39.0-135	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	82.9	39.0-135	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		3.02	50.0	B12815				
Diethyl phthalate	265202-1	20 ug/l	81.0	1.00-120	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	80.2	1.00-120	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.911	100	B12815				
Dimethyl phthalate	265202-1	20 ug/l	70.5	1.00-120	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	71.4	1.00-120	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.17	183	B12815				
2,4-Dimethylphenol	265202-1	20 ug/l	25.8	32.0-120	B12815	11May22 1241 by 348	13May22 1626 by 271		Q
	265202-1	20 ug/l	19.9	32.0-120	B12815	11May22 1241 by 348	13May22 1709 by 271		Q
	Relative Percent Difference:		25.8	58.0	B12815				
4,6-Dinitro-2-methylphenol	265202-1	20 ug/l	85.9	1.00-181	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	85.7	1.00-181	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.315	203	B12815				

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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)									
2,4-Dinitrophenol	265202-1	20 ug/l	84.8	1.00-191	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	85.4	1.00-191	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.682	132	B12815				
2,4-Dinitrotoluene	265202-1	20 ug/l	80.3	39.0-139	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	79.4	39.0-139	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.03	42.0	B12815				
2,6-Dinitrotoluene	265202-1	20 ug/l	82.9	50.0-158	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	81.1	50.0-158	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.19	48.0	B12815				
1,2-Diphenylhydrazine	265202-1	20 ug/l	86.5	46.9-106	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	84.9	46.9-106	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.92	18.7	B12815				
Fluoranthene	265202-1	20 ug/l	88.8	26.0-137	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	88.6	26.0-137	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.263	66.0	B12815				
Fluorene	265202-1	20 ug/l	81.5	59.0-121	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	80.0	59.0-121	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.92	38.0	B12815				
Hexachlorobenzene	265202-1	20 ug/l	81.7	1.00-152	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	81.8	1.00-152	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.0835	55.0	B12815				
Hexachlorobutadiene	265202-1	20 ug/l	78.3	24.0-120	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	77.5	24.0-120	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.10	62.0	B12815				
Hexachlorocyclopentadiene	265202-1	20 ug/l	79.6	28.3-111	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	78.0	28.3-111	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.15	30.6	B12815				
Hexachloroethane	265202-1	20 ug/l	78.9	40.0-120	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	78.1	40.0-120	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.00	52.0	B12815				
Indeno(1,2,3-cd)pyrene	265202-1	20 ug/l	102	1.00-171	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	103	1.00-171	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.84	99.0	B12815				
Isophorone	265202-1	20 ug/l	83.8	21.0-196	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	81.6	21.0-196	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.65	93.0	B12815				
N-Nitroso-di-n-propylamine	265202-1	20 ug/l	90.3	1.00-230	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	85.5	1.00-230	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		5.46	87.0	B12815				
n-Nitrosodimethylamine	265202-1	20 ug/l	44.4	35.2-68.8	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	44.6	35.2-68.8	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.312	23.8	B12815				
n-Nitrosodiphenylamine	265202-1	20 ug/l	77.3	35.1-105	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	76.1	35.1-105	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.67	27.4	B12815				
Naphthalene	265202-1	20 ug/l	84.1	21.0-133	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	82.8	21.0-133	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.49	65.0	B12815				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Nitrobenzene	265202-1	20 ug/l	85.6	35.0-180	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	82.6	35.0-180	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		3.53	62.0	B12815				
2-Nitrophenol	265202-1	20 ug/l	66.6	29.0-182	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	66.2	29.0-182	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.601	55.0	B12815				
4-Nitrophenol	265202-1	20 ug/l	80.5	1.00-132	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	76.1	1.00-132	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		5.62	131	B12815				
Pentachlorophenol	265202-1	20 ug/l	82.9	14.0-176	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	82.7	14.0-176	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.301	86.0	B12815				
Phenanthrene	265202-1	20 ug/l	84.6	54.0-120	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	82.4	54.0-120	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.60	39.0	B12815				
Phenol	265202-1	20 ug/l	-	5.00-120	B12815	11May22 1241 by 348	13May22 1626 by 271		X
	265202-1	20 ug/l	-	5.00-120	B12815	11May22 1241 by 348	13May22 1709 by 271		X
	Relative Percent Difference:		15.1	64.0	B12815				
Pyrene	265202-1	20 ug/l	87.3	52.0-120	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	88.5	52.0-120	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		1.29	49.0	B12815				
1,2,4-Trichlorobenzene	265202-1	20 ug/l	81.5	44.0-142	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	81.3	44.0-142	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		0.340	50.0	B12815				
2,4,6-Trichlorophenol	265202-1	20 ug/l	80.7	37.0-144	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	78.5	37.0-144	B12815	11May22 1241 by 348	13May22 1709 by 271		
	Relative Percent Difference:		2.75	58.0	B12815				
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	265202-1	20 ug/l	84.9	29.8-119	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	83.4	29.8-119	B12815	11May22 1241 by 348	13May22 1709 by 271		
2-Fluorophenol	265202-1	20 ug/l	0.0234	4.10-104	B12815	11May22 1241 by 348	13May22 1626 by 271		Q
	265202-1	20 ug/l	0.00	4.10-104	B12815	11May22 1241 by 348	13May22 1709 by 271		Q
Nitrobenzene-D5	265202-1	20 ug/l	84.4	26.4-118	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	82.8	26.4-118	B12815	11May22 1241 by 348	13May22 1709 by 271		
Terphenyl-D14	265202-1	20 ug/l	88.3	9.20-165	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	89.1	9.20-165	B12815	11May22 1241 by 348	13May22 1709 by 271		
2,4,6-Tribromophenol	265202-1	20 ug/l	86.4	5.20-143	B12815	11May22 1241 by 348	13May22 1626 by 271		
	265202-1	20 ug/l	86.7	5.20-143	B12815	11May22 1241 by 348	13May22 1709 by 271		
Volatile Organic Compounds									
Acrolein	265202-1	250 ug/l	91.7	40.0-160	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	250 ug/l	87.0	40.0-160	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		5.18	60.0	V10293				D
Acrylonitrile	265202-1	250 ug/l	96.6	40.0-160	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	250 ug/l	89.1	40.0-160	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		8.08	60.0	V10293				D
Benzene	265202-1	50 ug/l	108	37.0-151	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	78.5	37.0-151	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		31.2	61.0	V10293				D

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Bromodichloromethane	265202-1	50 ug/l	105	35.0-155	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	79.2	35.0-155	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		27.7	56.0	V10293				
Bromoform	265202-1	50 ug/l	88.6	45.0-169	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	70.5	45.0-169	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		22.8	42.0	V10293				
Bromomethane	265202-1	50 ug/l	66.6	1.00-242	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	58.6	1.00-242	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		12.8	61.0	V10293				
Carbon tetrachloride	265202-1	50 ug/l	102	70.0-140	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	80.0	70.0-140	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		24.1	41.0	V10293				
Chlorobenzene	265202-1	50 ug/l	105	37.0-160	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	84.3	37.0-160	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		22.2	53.0	V10293				
Chloroethane	265202-1	50 ug/l	106	14.0-230	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	81.3	14.0-230	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		26.1	78.0	V10293				
2-Chloroethyl vinyl ether	265202-1	100 ug/l	110	1.00-305	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	100 ug/l	82.5	1.00-305	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		28.3	71.0	V10293				
Chloroform	265202-1	50 ug/l	102	51.0-138	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	79.1	51.0-138	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		25.0	54.0	V10293				
Chloromethane	265202-1	50 ug/l	125	1.00-273	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	92.5	1.00-273	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		30.3	60.0	V10293				
Dibromochloromethane	265202-1	50 ug/l	96.4	53.0-149	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	78.7	53.0-149	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		20.2	50.0	V10293				
1,2-Dichlorobenzene	265202-1	50 ug/l	103	18.0-190	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	82.8	18.0-190	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		22.2	57.0	V10293				
1,3-Dichlorobenzene	265202-1	50 ug/l	104	59.0-156	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	84.5	59.0-156	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		20.9	43.0	V10293				
1,4-Dichlorobenzene	265202-1	50 ug/l	102	18.0-190	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	82.8	18.0-190	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		20.8	57.0	V10293				
1,1-Dichloroethane	265202-1	50 ug/l	110	59.0-155	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	84.5	59.0-155	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		26.3	40.0	V10293				
1,2-Dichloroethane	265202-1	50 ug/l	112	49.0-155	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	85.1	49.0-155	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		27.0	49.0	V10293				
1,1-Dichloroethene	265202-1	50 ug/l	93.9	1.00-234	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	71.7	1.00-234	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		26.8	32.0	V10293				
trans-1,2-Dichloroethene	265202-1	50 ug/l	91.5	54.0-156	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	71.1	54.0-156	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		25.1	45.0	V10293				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
1,2-Dichloropropane	265202-1	50 ug/l	107	1.00-210	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	82.2	1.00-210	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		26.4	55.0	V10293				
cis-1,3-Dichloropropene	265202-1	50 ug/l	112	1.00-227	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	84.8	1.00-227	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		27.2	58.0	V10293				
trans-1,3-Dichloropropene	265202-1	50 ug/l	111	17.0-183	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	84.6	17.0-183	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		26.9	86.0	V10293				
Ethylbenzene	265202-1	50 ug/l	110	37.0-162	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	87.0	37.0-162	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		23.5	63.0	V10293				
Methylene chloride	265202-1	50 ug/l	91.0	1.00-221	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	71.4	1.00-221	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		24.2	28.0	V10293				
1,1,2,2-Tetrachloroethane	265202-1	50 ug/l	103	46.0-157	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	81.6	46.0-157	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		23.0	61.0	V10293				
Tetrachloroethene	265202-1	50 ug/l	99.5	64.0-148	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	79.5	64.0-148	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		22.4	39.0	V10293				
Toluene	265202-1	50 ug/l	102	47.0-150	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	77.8	47.0-150	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		26.5	41.0	V10293				
1,1,1-Trichloroethane	265202-1	50 ug/l	97.7	52.0-162	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	76.3	52.0-162	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		24.7	36.0	V10293				
1,1,2-Trichloroethane	265202-1	50 ug/l	106	52.0-150	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	80.4	52.0-150	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		27.7	45.0	V10293				
Trichloroethene	265202-1	50 ug/l	113	70.0-157	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	84.4	70.0-157	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		28.7	48.0	V10293				
Vinyl chloride	265202-1	50 ug/l	97.8	1.00-251	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	50 ug/l	75.0	1.00-251	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
	Relative Percent Difference:		26.5	66.0	V10293				
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	265202-1	10 ug/l	103	81.6-117	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	10 ug/l	102	81.6-117	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
Dibromofluoromethane	265202-1	10 ug/l	99.7	87.9-112	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	10 ug/l	97.6	87.9-112	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D
Toluene-D8	265202-1	10 ug/l	99.4	78.1-119	V10293	12May22 2249 by 354	12May22 2249 by 354	100	D
	265202-1	10 ug/l	99.6	78.1-119	V10293	12May22 2319 by 354	12May22 2319 by 354	100	D

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LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.0076 mg/l	0.0076	0.01	W79487-1	09May22 1013 by 352	10May22 1107 by 352	
Base/Neutral and Acid Compounds							
Acenaphthene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Acenaphthylene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Anthracene	< 2.7 ug/l	2.7	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Benzidine	< 49 ug/l	49	50	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Benzo(a)anthracene	< 2.6 ug/l	2.6	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Benzo(a)pyrene	< 2.6 ug/l	2.6	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Benzo(g,h,i)perylene	< 5.0 ug/l	5.0	10	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Benzo(k)fluoranthene	< 3.1 ug/l	3.1	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
3,4-Benzofluoranthene	< 5.0 ug/l	5.0	10	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Bis(2-chloroethoxy)methane	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Bis(2-chloroethyl)ether	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Bis(2-chloroisopropyl)ether	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Bis(2-ethylhexyl)phthalate	< 3.2 ug/l	3.2	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
4-Bromophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Butylbenzyl phthalate	< 3.1 ug/l	3.1	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2-Chloronaphthalene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2-Chlorophenol	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
4-Chlorophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Chrysene	< 2.8 ug/l	2.8	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Di-n-butyl phthalate	< 2.7 ug/l	2.7	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Di-n-octyl phthalate	< 3.8 ug/l	3.8	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Dibenz(a,h)anthracene	< 4.0 ug/l	4.0	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
3,3'-Dichlorobenzidine	< 2.7 ug/l	2.7	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2,4-Dichlorophenol	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Diethyl phthalate	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Dimethyl phthalate	< 2.0 ug/l	2.0	4.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2,4-Dimethylphenol	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
4,6-Dinitro-o-cresol	< 5.6 ug/l	5.6	10	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2,4-Dinitrophenol	< 5.0 ug/l	5.0	10	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2,4-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2,6-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
1,2-Diphenylhydrazine	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Fluoranthene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Fluorene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Hexachlorobenzene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Hexachlorobutadiene	< 1.7 ug/l	1.7	2.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Hexachlorocyclopentadiene	< 5.0 ug/l	5.0	10	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Hexachloroethane	< 2.0 ug/l	2.0	4.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Indeno(1,2,3-cd)pyrene	< 4.1 ug/l	4.1	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Isophorone	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
n-Nitrosodi-n-propylamine	< 5.0 ug/l	5.0	10	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
n-Nitrosodimethylamine	< 5.0 ug/l	5.0	10	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
n-Nitrosodiphenylamine	< 5.0 ug/l	5.0	10	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Naphthalene	< 2.0 ug/l	2.0	4.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	R
Nitrobenzene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	

Arkansas Testing Laboratories
 3301 Langley Drive
 Searcy, AR 72143

LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
2-Nitrophenol	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
4-Nitrophenol	< 3.7 ug/l	3.7	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
p-Chloro-m-cresol	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Pentachlorophenol	< 3.7 ug/l	3.7	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Phenanthrene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Phenol	< 2.0 ug/l	2.0	4.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Pyrene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
1,2,4-Trichlorobenzene	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2,4,6-Trichlorophenol	< 2.5 ug/l	2.5	5.0	B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (52.2-106%)	86.6 %			B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2-Fluorophenol (30.6-96.6%)	51.6 %			B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Nitrobenzene-D5 (57.2-105%)	88.6 %			B12815-1	11May22 1241 by 348	13May22 1418 by 271	
Terphenyl-D14 (53.8-120%)	81.3 %			B12815-1	11May22 1241 by 348	13May22 1418 by 271	
2,4,6-Tribromophenol (23.7-131%)	20.7 %			B12815-1	11May22 1241 by 348	13May22 1418 by 271	Q
Volatile Organic Compounds							
Acrolein	< 20 ug/l	20	20	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Acrylonitrile	< 5.6 ug/l	5.6	10	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Benzene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Bromoform	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Carbon tetrachloride	< 1.8 ug/l	1.8	2.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Chlorobenzene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Chlorodibromomethane	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Chloroethane	< 2.9 ug/l	2.9	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
2-Chloroethyl vinyl ether	< 5.0 ug/l	5.0	10	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Chloroform	< 2.1 ug/l	2.1	4.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Dichlorobromomethane	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,1-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,2-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,1-Dichloroethylene	< 2.6 ug/l	2.6	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
trans-1,2-Dichloroethylene	< 1.5 ug/l	1.5	2.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,2-Dichloropropane	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
cis-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
trans-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Ethylbenzene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Methyl bromide(Bromomethane)	< 2.8 ug/l	2.8	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Methyl chloride(Chloromethane)	< 2.7 ug/l	2.7	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Methylene chloride	< 4.7 ug/l	4.7	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,1,2,2-Tetrachloroethane	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Tetrachloroethylene	< 2.6 ug/l	2.6	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Toluene	< 3.2 ug/l	3.2	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,1,1-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
1,1,2-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Trichloroethylene	< 2.5 ug/l	2.5	5.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Vinyl chloride	< 1.6 ug/l	1.6	2.0	V10293-1	12May22 1750 by 354	12May22 1750 by 354	



Arkansas Testing Laboratories
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LABORATORY BLANK RESULTS

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>LOQ</u>	<u>QC Sample</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Qual</u>
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (89.7-109%)	99.0 %			V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Dibromofluoromethane (90.9-109%)	99.4 %			V10293-1	12May22 1750 by 354	12May22 1750 by 354	
Toluene-D8 (81.5-119%)	98.7 %			V10293-1	12May22 1750 by 354	12May22 1750 by 354	

