



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

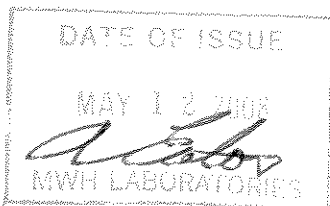
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: (405) 302-4607



ADE Andy Eaton
Project Manager



Report#: 237973
Project: CL04
PO#: Susan Crowle

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 32 page[s].



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May 13, 2008

Ms. Susan Crowley
Tronox
PO Box 55
Henderson, NV 89009

Subject: Case Narrative report 237973

Enclosed is MWH Laboratories Report 237973

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on April 18, 2008 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:

For the MWH Laboratories data the following issues were observed.

Note that ion chromatography tests with holding times greater than 72 hours do not have actual analysis times shown on the hardcopy. Instead they either have 00:00 or the time of injection of the first sample in the batch.

The lab fortified blank was recovered high for the Styrene, but results were ND, so results are acceptable per NELAC.

Sincerely,



Andrew Eaton, PhD
Project Manager



MWH Laboratories, a Division of MWH Americas, Inc.
 750 Royal Oaks Avenue Suite 100
 Monterey CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Ironox, LLC- Henderson
Standing

Andrew Eaton..... Your MWL Project Manager
 (626) 386-1125..... Direct Phone/Voice Mail

M Monthly
 Week 1

Client Code KERRMCGEE-MP
 Project Code CLO4
 PO# / Job#
 Blanket PO

SO# 41426 12996 RS **Sampler: Please Return this Paper with your samples**

Created by MWH
 Order Date 03/10/08
 Date Needed by Client
 Date Samples to Arrive at MWL
SHIP LOCATION

0 Ship Sample Kits to
 Veolia Water-Tronox LLC
 Gate 1
 8000 West Lake Mead Drive
 Henderson, NV 89015

Billing Address
 Ironox, LLC
 Attn: Accounts Payable
 P.O. BOX 268859
 Oklahoma City, OK 73126-8859

ATTN: Susan Crowley
 PHONE: 702-651-2234

ATTN: Susan Crowley
 PHONE: 702-651-2234
 FAX: 702-651-2310

Quote#
 MWH

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
1	@VOAPP	3 40ml amber glass vials+ 4 drops HCL(36%)	UN 1789	Monthly standing order - sampleID= Stabilized Water
1	CLO4	1 125ml poly /no preservative	UN 1824	Login use profile - #KERRMO
1	WCN	1 250 ml poly +1 ml NaOH (25%)	UN 2031	(profile consists of: voapp, pb-ms, mg, mn-ms, clo4, ni-ms,ph, k, se-ms, wcn, ag-ms, na, so4, tl-ms alk tds, zn al-ms, sb-ms, ba-ms, be-ms B, cd-ms, ca, cl, cr-ms cu-ms, f, fe
1	GEN MIN. METALS: B	4: 2 500ml poly +1 125ml poly no pres& 1 250ml acid rinsed+1ml HNO3		Please sample the second FULL week of Each month (e.g. wk of 5/12) except in January 2003 (wk of 1/20)

SCANNED

Prepared By

Carrier

Qty of Coolers

Tracking Number

Date Shipped

Status

ActiveCode

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 143062

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

CARRIER Federal Express		Date 04/17/08	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization S. CROWLEY	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER TRONOX LLC	
N/AR		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IS
		SHIPPED FROM Henderson, NV	1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Ice Chest with water samples Stabilized Water. Not Regulated		1 COOLER
			Subject to Section 7 of Conditions of applicable Bill of Lading; if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC
			The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.
TRUCK SHIPMENTS		FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300	
PLACARDS OFFERED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	PLACARDS ACCEPTED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 28	TOTAL TARE WEIGHT 0	28
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____			483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.
THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.			
TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859 Oklahoma City, OK 73126-8859	PER Lemma Hunde	AGENT	PER

SCANNED

From: Origin ID: LASA (702)651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015



CLS 120767/2124

Ship Date: 17APR08
ActWgt: 28 LB
System#: 2274147/INET8011
Account#: S *****

Delivery Address Bar Code

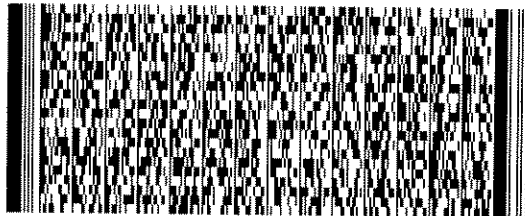


Ref # MSO #143062 -28 Lbs
Invoice #
PO #
Dept #

SHIP TO: 6265686400 BILL SENDER

**ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100**

MONROVIA, CA 910163629

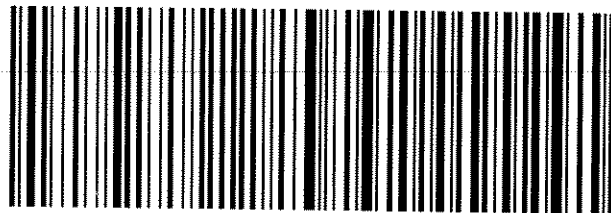


TRK# 7904 9518 1943
0201

**FRI - 18APR A2
PRIORITY OVERNIGHT**

QZ WHPA

**91016
CA-US
BUR**



Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



MWH Laboratories
 750 Royal Oaks Drive, Monrovia, CA 91016
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Tronox LLC - Henderson
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 237973
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **04/18/08**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2804180264	STABILIZED WATER		Water	17-apr-2008 10:00:00
	@VOAPP	AG-MS	AL-MS	ALK
	B	BA-MS	BALANCE	BE-MS
	CD-MS	CL	CLO4	CO3
	EC	F	FE	HCO3
	MG	MN-MS	NA	NI-MS
	P	PB-MS	PH	SB-MS
	TDS	TDS	TL-MS	WCN
				ANION1
				AS-MS
				CATION1
				CR-MS
				CU-MS
				K
				NO3
				OH
				SE-MS
				SO4
				ZN

Test Acronym Description

Test Acronym	Description
@VOAPP	Volatile Organics HSL
AG-MS	Silver, Total, ICAP/MS
AL-MS	Aluminum, Total, ICAP/MS
ALK	Alkalinity in CaCO3 units
ANION1	Anion Sum - Calculated
AS-MS	Arsenic, Total, ICAP/MS
B	Boron, Total, ICAP
BA-MS	Barium, Total, ICAP/MS
BALANCE	Ionic Balance - Calculated
BE-MS	Beryllium, Total, ICAP/MS
CA	Calcium, Total, ICAP
CATION1	Cation Sum - Calculated
CD-MS	Cadmium, Total, ICAP/MS
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-MS	Chromium, Total, ICAP/MS
CU-MS	Copper, Total, ICAP/MS
EC	Specific Conductance
F	Fluoride
FE	Iron, Total, ICAP

Tronox LLC - Henderson
 PO Box 55
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 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
HCO3	Bicarb. Alkalinity as HCO3, calc
HG	Mercury
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
MN-MS	Manganese, Total, ICAP/MS
NA	Sodium, Total, ICAP
NI-MS	Nickel, Total, ICAP/MS
NO3	Nitrate as Nitrogen by ICAP
OH	Hydroxide as OH, Calculated
P	Metals sample pH
PB-MS	Lead, Total, ICAP/MS
PH	PH (H3=past HT, not compliant)
SB-MS	Antimony, Total, ICAP/MS
SE-MS	Selenium, Total, ICAP/MS
SO4	Sulfate
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)
TL-MS	Thallium, Total, ICAP/MS
WCN	Weak Acid Dissociable Cyanide
ZN	Zinc, Total, ICAP



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Report
Comments
#237973

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Signature: 

(QC Ref#: 2804180264)

Test: Styrene (ML/EPA 624)

L3 - The associated blank spike recovery was above method acceptance limits.



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Laboratory
Hits Report
#237973

Tronox LLC - Henderson
Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
18-apr-2008 14:48:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2804180264	STABILIZED WATER				
04/23/08		Chloroform (Trichloromethane)	1.5		ug/l	0.5
04/23/08		Dibromochloromethane	0.6		ug/l	0.5
04/23/08		Dichlorobromomethane	1.4		ug/l	0.5
04/21/08		Alkalinity in CaCO3 units	130		mg/l	2.0
04/25/08		Anion Sum - Calculated	11.		meq/l	0.0010
04/20/08		Arsenic, Total, ICAP/MS	2.5	10	ug/l	1.0
04/20/08		Barium, Total, ICAP/MS	140	2000	ug/l	2.0
04/22/08		Bicarb. Alkalinity as HCO3, calc	158.		mg/l	2.0
04/23/08		Boron, Total, ICAP	0.15		mg/l	0.10
04/23/08		Calcium, Total, ICAP	76		mg/l	2.0
04/22/08		Carbonate as CO3, Calculated	2.6		mg/l	2.0
04/25/08		Cation Sum - Calculated	11.		meq/l	0.0010
04/18/08		Chloride	93	250	mg/l	5.0
04/20/08		Chromium, Total, ICAP/MS	2	100	ug/l	1.0
04/20/08		Copper, Total, ICAP/MS	168	1300	ug/l	2.0
04/25/08		Fluoride	0.32	4	mg/l	0.050
04/23/08		Magnesium, Total, ICAP	31		mg/l	0.20
04/20/08		Manganese, Total, ICAP/MS	2.6	50	ug/l	2.0
04/18/08		Nitrate as Nitrogen by IC	0.65	10	mg/l	0.50
04/18/08		PH (H3=past HT, not compliant)	8.4	6.5-8.5	Units	0.010
04/23/08		Potassium, Total, ICAP	5.1		mg/l	2.0
04/23/08		Sodium, Total, ICAP	98		mg/l	2.0
04/22/08		Specific Conductance	1030		umho/cm	2.0
04/18/08		Sulfate	260	250	mg/l	2.5
04/22/08		Total Dissolved Solid (TDS)	672	500	mg/l	10
04/23/08		Zinc, Total, ICAP	0.13		mg/l	0.040

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Data Report
 #237973

Tronox LLC - Henderson
 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 04/18/08

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
STABILIZED WATER (2804180264) Sampled on 04/17/08 10:00								
04/20/08	16:27	422716	(ML/EPA 200.8)	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
04/20/08	16:27	422723	(ML/EPA 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	20	1
04/21/08	00:00	422859	(SM 2320B)	Alkalinity in CaCO3 units	130	mg/l	2.0	1
04/25/08	16:00		(ML/SM1030E)	Anion Sum - Calculated	11.	meq/l	0.0010	1
04/20/08	16:27	422713	(ML/EPA 200.8)	Arsenic, Total, ICAP/MS	2.5	ug/l	1.0	1
04/23/08	15:02	423216	(ML/EPA 200.7)	Boron, Total, ICAP	0.15	mg/l	0.10	2
04/20/08	16:27	422719	(ML/EPA 200.8)	Barium, Total, ICAP/MS	140	ug/l	2.0	1
04/20/08	16:27	422712	(ML/EPA 200.8)	Beryllium, Total, ICAP/MS	ND	ug/l	1.0	1
04/23/08	15:02	423218	(ML/EPA 200.7)	Calcium, Total, ICAP	76	mg/l	2.0	2
04/25/08	15:49		(SM 1030E)	Cation Sum - Calculated	11.	meq/l	0.0010	1
04/20/08	16:27	422717	(ML/EPA 200.8)	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
04/18/08	21:33	422899	(ML/EPA 300.0)	Chloride	93	mg/l	5.0	5
05/04/08	14:22	425133	(EPA 314)	Perchlorate	ND	ug/l	10	5
04/22/08	13:45		(SM 2330B)	Carbonate as CO3, Calculated	2.6	mg/l	2.0	1
04/20/08	16:27	422725	(ML/EPA 200.8)	Chromium, Total, ICAP/MS	2	ug/l	1.0	1
04/20/08	16:27	422729	(ML/EPA 200.8)	Copper, Total, ICAP/MS	168	ug/l	2.0	1
04/22/08	00:00	423347	(SM 2510B)	Specific Conductance	1030	umho/cm	2.0	1
04/25/08	07:57	423471	(SM 4500F-C)	Fluoride	0.32	mg/l	0.050	1
04/23/08	15:02	423222	(ML/EPA 200.7)	Iron, Total, ICAP	ND	mg/l	0.040	2
04/22/08	13:38		(SM 2330B)	Bicarb.Alkalinity as HCO3,calc	158.	mg/l	2.0	1
04/29/08	14:22	424031	(EPA 245.1)	Mercury	ND	ug/l	0.20	1
04/23/08	15:02	423208	(ML/EPA 200.7)	Potassium, Total, ICAP	5.1	mg/l	2.0	2
04/23/08	15:02	423210	(ML/EPA 200.7)	Magnesium, Total, ICAP	31	mg/l	0.20	2
04/20/08	16:27	422726	(ML/EPA 200.8)	Manganese, Total, ICAP/MS	2.6	ug/l	2.0	1
04/23/08	15:02	423214	(ML/EPA 200.7)	Sodium, Total, ICAP	98	mg/l	2.0	2
04/20/08	16:27	422728	(ML/EPA 200.8)	Nickel, Total, ICAP/MS	ND	ug/l	5.0	1
04/18/08	21:33	422905	(ML/EPA 300.0)	Nitrate as Nitrogen by IC	0.65	mg/l	0.50	5
04/22/08	13:41		(SM 2330B)	Hydroxide as OH, Calculated	ND	mg/l	2.0	1
04/20/08	16:27	422721	(ML/EPA 200.8)	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
04/18/08	00:00	422756	(SM 4500-HB)	PH (H3=past HT, not compliant)	8.4	Units	0.010	1
04/20/08	16:27	422718	(ML/EPA 200.8)	Antimony, Total, ICAP/MS	ND	ug/l	1.0	1
04/20/08	16:27	422714	(ML/EPA 200.8)	Selenium, Total, ICAP/MS	ND	ug/l	5.0	1



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Laboratory
 Data Report
 #237973

Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	04/18/08 21:33	422894	(ML/EPA 300.0)	Sulfate	260	mg/l	2.5	5
04/22/08	04/22/08 10:24	423324	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	672	mg/l	10	1
	04/20/08 16:27	422720	(ML/EPA 200.8)	Thallium, Total, ICAP/MS	ND	ug/l	1.0	1
04/29/08	04/30/08 00:00	424438	(SM 4500CN-1)	Weak Acid Dissociable Cyanide	ND	mg/l	0.0050	1
	04/23/08 00:00	423425	(EPA/ML 200.7)	Zinc, Total, ICAP	0.13	mg/l	0.040	2

Volatile Organics HSL

	04/23/08 23:33	423254	(EPA 624)	1,1,2-Trichloroethane (1,1,2-T)	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	1,1-Dichloroethane	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	1,2-Dichloroethane	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	1,2-Dichloropropane	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	2-Butanone (MEK)	ND	ug/l	10	1
	04/23/08 23:33	423254	(EPA 624)	2-Hexanone	ND	ug/l	10	1
	04/23/08 23:33	423254	(EPA 624)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/23/08 23:33	423254	(EPA 624)	Acetone	ND	ug/l	10	1
	04/23/08 23:33	423254	(EPA 624)	Acrolein (Screen)	ND	ug/l	50	1
	04/23/08 23:33	423254	(EPA 624)	Acrylonitrile (Screen)	ND	ug/l	50	1
	04/23/08 23:33	423254	(EPA 624)	Benzene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	cis-1,2-Dichloroethene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Chlorobenzene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	cis-1,3-Dichloropropene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Bromoform	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Chloroform (Trichloromethane)	1.5	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Chloroethane	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Carbon disulfide	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Carbon Tetrachloride	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Dibromochloromethane	0.6	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Dichlorobromomethane	1.4	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Ethyl benzene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Methyl Bromide	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624)	Methyl Chloride	ND	ug/l	0.5	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	04/23/08 23:33	423254	(EPA 624	) Methylene Chloride	ND	ug/l	3.0	1
	04/23/08 23:33	423254	(EPA 624	) m,p-Xylenes	ND	ug/l	1.0	1
	04/23/08 23:33	423254	(EPA 624	) o-Xylene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) Tetrachloroethylene (PCE)	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) Styrene	ND(L3)	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) trans-1,2-Dichloroethene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) 1,1,1-Trichloroethane	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) Trichloroethylene (TCE)	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) Trichlorofluoromethane	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) trans-1,3-Dichloropropene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) Tetrahydrofuran	ND	ug/l	10	1
	04/23/08 23:33	423254	(EPA 624	) Toluene	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) Vinyl Chloride (VC)	ND	ug/l	0.5	1
	04/23/08 23:33	423254	(EPA 624	) Vinyl Acetate	ND	ug/l	10	1
			(EPA 624	) 1,2-Dichloroethane-d4(70-130)	107	% Rec		
			(EPA 624) Toluene-d8(70-130)	94	% Rec		
			(EPA 624) 4-Bromofluorobenzene(70-130)	95	% Rec		



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QC Ref #0	- Metals Turbidity	Analysis Date: 04/21/2008
2804180264	STABILIZED WATER	Analyzed by: jrf
2804180264	STABILIZED WATER	Analyzed by: jrf
QC Ref #422712	- Beryllium, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422713	- Arsenic, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422714	- Selenium, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422716	- Silver, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422717	- Cadmium, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422718	- Antimony, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422719	- Barium, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn



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QC Ref #422720	- Thallium, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422721	- Lead, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422723	- Aluminum, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422725	- Chromium, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422726	- Manganese, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422728	- Nickel, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422729	- Copper, Total, ICAP/MS	Analysis Date: 04/20/2008
2804180264	STABILIZED WATER	Analyzed by: dtn
QC Ref #422756	- PH (H3=past HT, not compliant)	Analysis Date: 04/18/2008
2804180264	STABILIZED WATER	Analyzed by: nem



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(continued)

QC Ref #422859	- Alkalinity in CaCO3 units	Analysis Date: 04/21/2008
2804180264	STABILIZED WATER	Analyzed by: anh
QC Ref #422894	- Sulfate	Analysis Date: 04/18/2008
2804180264	STABILIZED WATER	Analyzed by: lmr
QC Ref #422899	- Chloride	Analysis Date: 04/18/2008
2804180264	STABILIZED WATER	Analyzed by: lmr
QC Ref #422905	- Nitrate as Nitrogen by IC	Analysis Date: 04/18/2008
2804180264	STABILIZED WATER	Analyzed by: lmr
QC Ref #423208	- Potassium, Total, ICAP	Analysis Date: 04/23/2008
2804180264	STABILIZED WATER	Analyzed by: csk
QC Ref #423210	- Magnesium, Total, ICAP	Analysis Date: 04/23/2008
2804180264	STABILIZED WATER	Analyzed by: csk
QC Ref #423214	- Sodium, Total, ICAP	Analysis Date: 04/23/2008
2804180264	STABILIZED WATER	Analyzed by: csk
QC Ref #423216	- Boron, Total, ICAP	Analysis Date: 04/23/2008
2804180264	STABILIZED WATER	Analyzed by: csk



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QC Ref #423218 - Calcium, Total, ICAP	Analysis Date: 04/23/2008
2804180264 STABILIZED WATER	Analyzed by: csk
QC Ref #423222 - Iron, Total, ICAP	Analysis Date: 04/23/2008
2804180264 STABILIZED WATER	Analyzed by: csk
QC Ref #423254 - Volatile Organics HSL	Analysis Date: 04/23/2008
2804180264 STABILIZED WATER	Analyzed by: mad
QC Ref #423324 - Total Dissolved Solid (TDS)	Analysis Date: 04/22/2008
2804180264 STABILIZED WATER	Analyzed by: axa
QC Ref #423347 - Specific Conductance	Analysis Date: 04/22/2008
2804180264 STABILIZED WATER	Analyzed by: nem
QC Ref #423425 - Zinc, Total, ICAP	Analysis Date: 04/23/2008
2804180264 STABILIZED WATER	Analyzed by: csk
QC Ref #423471 - Fluoride	Analysis Date: 04/25/2008
2804180264 STABILIZED WATER	Analyzed by: yvette
QC Ref #424031 - Mercury	Analysis Date: 04/29/2008
2804180264 STABILIZED WATER	Analyzed by: azs



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Tronox LLC - Henderson
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QC Ref #424438 - Weak Acid Dissociable Cyanide Analysis Date: 04/30/2008

2804180264 STABILIZED WATER Analyzed by: lupe

QC Ref #425133 - Perchlorate Analysis Date: 05/04/2008

2804180264 STABILIZED WATER Analyzed by: clv



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QC Ref #422712 Beryllium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Beryllium, Total, ICAP/MS	5.00	5.25	UGL	105.0	(85-115)	
LCS2	Beryllium, Total, ICAP/MS	5.00	5.5	UGL	110.0	(85-115)	
MBLK	Beryllium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Beryllium, Total, ICAP/MS	1.000	1.02	UGL	102.0	(50-150)	
MS	Beryllium, Total, ICAP/MS	5.00	5.68	UGL	113.6	(70-130)	
MSD	Beryllium, Total, ICAP/MS	5.00	5.93	UGL	118.6	(70-130)	
RPD_LCS	Beryllium, Total, ICAP/MS	105.000	110.000	UGL	4.7	(0-20)	
RPD_MS	Beryllium, Total, ICAP/MS	113.600	118.600	UGL	4.3	(0-20)	

QC Ref #422713 Arsenic, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Arsenic, Total, ICAP/MS	20	20.6	UGL	103.0	(85-115)	
LCS2	Arsenic, Total, ICAP/MS	20	20.8	UGL	104.0	(85-115)	
MBLK	Arsenic, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Arsenic, Total, ICAP/MS	1.000	1.12	UGL	112.0	(50-150)	
MS	Arsenic, Total, ICAP/MS	20	21.2	UGL	106.0	(70-130)	
MS2	Arsenic, Total, ICAP/MS	20	21.2	UGL	106.0	(70-130)	
MSD	Arsenic, Total, ICAP/MS	20	21.1	UGL	105.5	(70-130)	
MSD2	Arsenic, Total, ICAP/MS	20	21.2	UGL	106.0	(70-130)	
RPD_LCS	Arsenic, Total, ICAP/MS	103.000	104.000	UGL	1.0	(0-20)	
RPD_MS	Arsenic, Total, ICAP/MS	106.000	105.500	UGL	0.5	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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(continued)

QC Ref #422714 Selenium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Selenium, Total, ICAP/MS	20	21.0	UGL	105.0	(85-115)	
LCS2	Selenium, Total, ICAP/MS	20	20.8	UGL	104.0	(85-115)	
MBLK	Selenium, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Selenium, Total, ICAP/MS	5.000	5.31	UGL	106.2	(50-150)	
MS	Selenium, Total, ICAP/MS	20	23.0	UGL	115.0	(70-130)	
MS2	Selenium, Total, ICAP/MS	20	22.1	UGL	110.5	(70-130)	
MSD	Selenium, Total, ICAP/MS	20	23.6	UGL	118.0	(70-130)	
MSD2	Selenium, Total, ICAP/MS	20	22.1	UGL	110.5	(70-130)	
RPD_LCS	Selenium, Total, ICAP/MS	105.000	104.000	UGL	1.0	(0-20)	
RPD_MS	Selenium, Total, ICAP/MS	115.000	118.000	UGL	2.6	(0-20)	

QC Ref #422716 Silver, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Silver, Total, ICAP/MS	50	54.1	UGL	108.2	(85-115)	
LCS2	Silver, Total, ICAP/MS	50	53.4	UGL	106.8	(85-115)	
MBLK	Silver, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Silver, Total, ICAP/MS	0.500	0.624	UGL	124.8	(50-150)	
MS	Silver, Total, ICAP/MS	50	50.9	UGL	101.8	(70-130)	
MS2	Silver, Total, ICAP/MS	50	42.7	UGL	85.4	(70-130)	
MSD	Silver, Total, ICAP/MS	50	50.8	UGL	101.6	(70-130)	
MSD2	Silver, Total, ICAP/MS	50	43.5	UGL	87.0	(70-130)	
RPD_LCS	Silver, Total, ICAP/MS	108.200	106.800	UGL	1.3	(0-20)	
RPD_MS	Silver, Total, ICAP/MS	101.800	101.600	UGL	0.2	(0-20)	

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QC Ref #422717 Cadmium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Cadmium, Total, ICAP/MS	20	21.5	UGL	107.5	(85-115)	
LCS2	Cadmium, Total, ICAP/MS	20	21.2	UGL	106.0	(85-115)	
MBLK	Cadmium, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Cadmium, Total, ICAP/MS	0.500	0.557	UGL	111.4	(50-150)	
MS	Cadmium, Total, ICAP/MS	20	21.4	UGL	107.0	(70-130)	
MS2	Cadmium, Total, ICAP/MS	20	18.5	UGL	92.5	(70-130)	
MSD	Cadmium, Total, ICAP/MS	20	21.3	UGL	106.5	(70-130)	
MSD2	Cadmium, Total, ICAP/MS	20	18.9	UGL	94.5	(70-130)	
RPD_LCS	Cadmium, Total, ICAP/MS	107.500	106.000	UGL	1.4	(0-20)	
RPD_MS	Cadmium, Total, ICAP/MS	107.000	106.500	UGL	0.5	(0-20)	

QC Ref #422718 Antimony, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Antimony, Total, ICAP/MS	50	52.7	UGL	105.4	(85-115)	
LCS2	Antimony, Total, ICAP/MS	50	52.5	UGL	105.0	(85-115)	
MBLK	Antimony, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Antimony, Total, ICAP/MS	1.000	1.19	UGL	119.0	(50-150)	
MS	Antimony, Total, ICAP/MS	50	54.5	UGL	109.0	(70-130)	
MS2	Antimony, Total, ICAP/MS	50	47.7	UGL	95.4	(70-130)	
MSD	Antimony, Total, ICAP/MS	50	54.1	UGL	108.2	(70-130)	
MSD2	Antimony, Total, ICAP/MS	50	49	UGL	98.0	(70-130)	
RPD_LCS	Antimony, Total, ICAP/MS	105.400	105.000	UGL	0.4	(0-20)	
RPD_MS	Antimony, Total, ICAP/MS	109.000	108.200	UGL	0.7	(0-20)	

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QC Ref #422719 Barium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Barium, Total, ICAP/MS	100	104	UGL	104.0	(85-115)	
LCS2	Barium, Total, ICAP/MS	100	103	UGL	103.0	(85-115)	
MBLK	Barium, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Barium, Total, ICAP/MS	2.000	2.15	UGL	107.5	(50-150)	
MS	Barium, Total, ICAP/MS	100	104	UGL	104.0	(70-130)	
MS2	Barium, Total, ICAP/MS	100	94.3	UGL	94.3	(70-130)	
MSD	Barium, Total, ICAP/MS	100	103	UGL	103.0	(70-130)	
MSD2	Barium, Total, ICAP/MS	100	97.5	UGL	97.5	(70-130)	
RPD_LCS	Barium, Total, ICAP/MS	104.000	103.000	UGL	1.0	(0-20)	
RPD_MS	Barium, Total, ICAP/MS	104.000	103.000	UGL	1.0	(0-20)	

QC Ref #422720 Thallium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Thallium, Total, ICAP/MS	20.0	21.7	UGL	108.5	(85-115)	
LCS2	Thallium, Total, ICAP/MS	20.0	21.4	UGL	107.0	(85-115)	
MBLK	Thallium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Thallium, Total, ICAP/MS	1.000	1.12	UGL	112.0	(50-150)	
MS	Thallium, Total, ICAP/MS	20.0	19.7	UGL	98.5	(70-130)	
MS2	Thallium, Total, ICAP/MS	20.0	19.2	UGL	96.0	(70-130)	
MSD	Thallium, Total, ICAP/MS	20.0	19.5	UGL	97.5	(70-130)	
MSD2	Thallium, Total, ICAP/MS	20.0	19.6	UGL	98.0	(70-130)	
RPD_LCS	Thallium, Total, ICAP/MS	108.500	107.000	UGL	1.4	(0-20)	
RPD_MS	Thallium, Total, ICAP/MS	98.500	97.500	UGL	1.0	(0-20)	

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Tronox LLC - Henderson
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QC Ref #422721 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Lead, Total, ICAP/MS	20	21.6	UGL	108.0	(85-115)	
LCS2	Lead, Total, ICAP/MS	20	21.4	UGL	107.0	(85-115)	
MBLK	Lead, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Lead, Total, ICAP/MS	0.500	0.561	UGL	112.2	(50-150)	
MS	Lead, Total, ICAP/MS	20	20.9	UGL	104.5	(70-130)	
MS2	Lead, Total, ICAP/MS	20	18.7	UGL	93.5	(70-130)	
MSD	Lead, Total, ICAP/MS	20	20.7	UGL	103.5	(70-130)	
MSD2	Lead, Total, ICAP/MS	20	19.1	UGL	95.5	(70-130)	
RPD_LCS	Lead, Total, ICAP/MS	108.000	107.000	UGL	0.9	(0-20)	
RPD_MS	Lead, Total, ICAP/MS	104.500	103.500	UGL	1.0	(0-20)	

QC Ref #422723 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Aluminum, Total, ICAP/MS	200	202	UGL	101.0	(85-115)	
LCS2	Aluminum, Total, ICAP/MS	200	199	UGL	99.5	(85-115)	
MBLK	Aluminum, Total, ICAP/MS	ND	<20	UGL			
MRL_CHK	Aluminum, Total, ICAP/MS	25.000	21.3	UGL	85.2	(50-150)	
MS	Aluminum, Total, ICAP/MS	200	187	UGL	93.5	(70-130)	
MS2	Aluminum, Total, ICAP/MS	200	189	UGL	94.5	(70-130)	
MSD	Aluminum, Total, ICAP/MS	200	180	UGL	90.0	(70-130)	
MSD2	Aluminum, Total, ICAP/MS	200	189	UGL	94.5	(70-130)	
RPD_LCS	Aluminum, Total, ICAP/MS	101.000	99.500	UGL	1.5	(0-20)	
RPD_MS	Aluminum, Total, ICAP/MS	93.500	90.000	UGL	3.8	(0-20)	

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Tronox LLC - Henderson
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QC Ref #422725 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Chromium, Total, ICAP/MS	100	102	UGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP/MS	100	101	UGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Chromium, Total, ICAP/MS	1.000	1.07	UGL	107.0	(50-150)	
MS	Chromium, Total, ICAP/MS	100	94.2	UGL	94.2	(70-130)	
MS2	Chromium, Total, ICAP/MS	100	93.6	UGL	93.6	(70-130)	
MSD	Chromium, Total, ICAP/MS	100	93.2	UGL	93.2	(70-130)	
MSD2	Chromium, Total, ICAP/MS	100	93.9	UGL	93.9	(70-130)	
RPD_LCS	Chromium, Total, ICAP/MS	102.000	101.000	UGL	1.0	(0-20)	
RPD_MS	Chromium, Total, ICAP/MS	94.200	93.200	UGL	1.1	(0-20)	

QC Ref #422726 Manganese, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Manganese, Total, ICAP/MS	50	51.2	UGL	102.4	(85-115)	
LCS2	Manganese, Total, ICAP/MS	50	50.9	UGL	101.8	(85-115)	
MBLK	Manganese, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Manganese, Total, ICAP/MS	2.000	2.13	UGL	106.5	(50-150)	
MS	Manganese, Total, ICAP/MS	50	47.3	UGL	94.6	(70-130)	
MS2	Manganese, Total, ICAP/MS	50	46.4	UGL	92.8	(70-130)	
MSD	Manganese, Total, ICAP/MS	50	47.2	UGL	94.4	(70-130)	
MSD2	Manganese, Total, ICAP/MS	50	46.5	UGL	93.0	(70-130)	
RPD_LCS	Manganese, Total, ICAP/MS	102.400	101.800	UGL	0.6	(0-20)	
RPD_MS	Manganese, Total, ICAP/MS	94.600	94.400	UGL	0.2	(0-20)	

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QC Ref #422728 Nickel, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Nickel, Total, ICAP/MS	50	52.2	UGL	104.4	(85-115)	
LCS2	Nickel, Total, ICAP/MS	50	51.7	UGL	103.4	(85-115)	
MBLK	Nickel, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Nickel, Total, ICAP/MS	5.000	5.48	UGL	109.6	(50-150)	
MS	Nickel, Total, ICAP/MS	50	47.3	UGL	94.6	(70-130)	
MS2	Nickel, Total, ICAP/MS	50	44.1	UGL	88.2	(70-130)	
MSD	Nickel, Total, ICAP/MS	50	47.1	UGL	94.2	(70-130)	
MSD2	Nickel, Total, ICAP/MS	50	44.1	UGL	88.2	(70-130)	
RPD_LCS	Nickel, Total, ICAP/MS	104.400	103.400	UGL	1.0	(0-20)	
RPD_MS	Nickel, Total, ICAP/MS	94.600	94.200	UGL	0.4	(0-20)	

QC Ref #422729 Copper, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170315	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 28	04180305	UGL		(0-0)	
LCS1	Copper, Total, ICAP/MS	100	104	UGL	104.0	(85-115)	
LCS2	Copper, Total, ICAP/MS	100	102	UGL	102.0	(85-115)	
MBLK	Copper, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Copper, Total, ICAP/MS	2.000	2.17	UGL	108.5	(50-150)	
MS	Copper, Total, ICAP/MS	100	96.6	UGL	96.6	(70-130)	
MS2	Copper, Total, ICAP/MS	100	87.6	UGL	87.6	(70-130)	
MSD	Copper, Total, ICAP/MS	100	95.9	UGL	95.9	(70-130)	
MSD2	Copper, Total, ICAP/MS	100	87.3	UGL	87.3	(70-130)	
RPD_LCS	Copper, Total, ICAP/MS	104.000	102.000	UGL	1.9	(0-20)	
RPD_MS	Copper, Total, ICAP/MS	96.600	95.900	UGL	0.7	(0-20)	

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QC Ref #422756 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04180264	UNIT		(0-0)	
DUP	PH (H3=past HT, not compliant)	8.44	8.46	UNIT		(0-20)	0.2

QC Ref #422859 Alkalinity in CaCO3 units

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	04170379	MGL		(0-0)	
LCS1	Alkalinity in CaCO3 units	100	104	MGL	104.0	(90-110)	
LCS2	Alkalinity in CaCO3 units	100	102	MGL	102.0	(90-110)	
MBLK	Alkalinity in CaCO3 units	ND	<2.0	MGL			
MRL_CHK	Alkalinity in CaCO3 units	2.00	1.83	MGL	91.5	(50-150)	
MS	Alkalinity in CaCO3 units	100	93	MGL	93.0	(80-120)	
MS2	Alkalinity in CaCO3 units	100	94	MGL	94.0	(80-120)	
MSD	Alkalinity in CaCO3 units	100	93	MGL	93.0	(80-120)	
MSD2	Alkalinity in CaCO3 units	100	95	MGL	95.0	(80-120)	
RPD_LCS	Alkalinity in CaCO3 units	104.000	102.000	MGL	1.9	(0-10)	
RPD_MS	Alkalinity in CaCO3 units	93.000	93.000	MGL	0.0	(0-20)	

QC Ref #422894 Sulfate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	0264_1/5	MGL		(0-0)	
LCS1	Sulfate	50	50.6	MGL	101.2	(90-110)	
LCS2	Sulfate	50	51.4	MGL	102.8	(90-110)	
MBLK	Sulfate	ND	<0.50	MGL			
MRL_CHK	Sulfate	0.25	0.275	MGL	110.0	(50-150)	
MS	Sulfate	25	23.9	MGL	95.6	(83-115)	
MSD	Sulfate	25	25.0	MGL	100.0	(83-115)	
RPD_LCS	Sulfate	101.200	102.800	MGL	1.6	(0-20)	

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QC Ref #423208

Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Total, ICAP	20	19.2	MGL	96.0	(85-115)	
LCS2	Potassium, Total, ICAP	20	18.9	MGL	94.5	(85-115)	
MBLK	Potassium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Potassium, Total, ICAP	1.000	0.957	MGL	95.7	(50-150)	
MS	Potassium, Total, ICAP	20	19.5	MGL	97.5	(70-130)	
MS2	Potassium, Total, ICAP	20	19.4	MGL	97.0	(70-130)	
MSD	Potassium, Total, ICAP	20	19.6	MGL	98.0	(70-130)	
MSD2	Potassium, Total, ICAP	20	18.9	MGL	94.5	(70-130)	
RPD_LCS	Potassium, Total, ICAP	96.000	94.500	MGL	1.6	(0-20)	
RPD_MS	Potassium, Total, ICAP	97.500	98.000	MGL	0.5	(0-20)	

QC Ref #423210

Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Total, ICAP	20	19.8	MGL	99.0	(85-115)	
LCS2	Magnesium, Total, ICAP	20	19.3	MGL	96.5	(85-115)	
MBLK	Magnesium, Total, ICAP	ND	<0.10	MGL			
MRL_CHK	Magnesium, Total, ICAP	0.100	0.0997	MGL	99.7	(50-150)	
MS	Magnesium, Total, ICAP	20	19.6	MGL	98.0	(70-130)	
MS2	Magnesium, Total, ICAP	20	18.5	MGL	92.5	(70-130)	
MSD	Magnesium, Total, ICAP	20	19.9	MGL	99.5	(70-130)	
MSD2	Magnesium, Total, ICAP	20	17.5	MGL	87.5	(70-130)	
RPD_LCS	Magnesium, Total, ICAP	99.000	96.500	MGL	2.6	(0-20)	
RPD_MS	Magnesium, Total, ICAP	98.000	99.500	MGL	1.5	(0-20)	

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QC Ref #423214 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Total, ICAP	50	49.4	MGL	98.8	(85-115)	
LCS2	Sodium, Total, ICAP	50	48.3	MGL	96.6	(85-115)	
MBLK	Sodium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Sodium, Total, ICAP	1.000	0.980	MGL	98.0	(50-150)	
MS	Sodium, Total, ICAP	50	47.0	MGL	94.0	(70-130)	
MS2	Sodium, Total, ICAP	50	46.3	MGL	92.6	(70-130)	
MSD	Sodium, Total, ICAP	50	47.6	MGL	95.2	(70-130)	
MSD2	Sodium, Total, ICAP	50	40.8	MGL	81.6	(70-130)	
RPD_LCS	Sodium, Total, ICAP	98.800	96.600	MGL	2.3	(0-20)	
RPD_MS	Sodium, Total, ICAP	94.000	95.200	MGL	1.3	(0-20)	

QC Ref #423216 Boron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Boron, Total, ICAP	0.5	0.465	MGL	93.0	(85-115)	
LCS2	Boron, Total, ICAP	0.5	0.473	MGL	94.6	(85-115)	
MBLK	Boron, Total, ICAP	ND	<0.050	MGL			
MRL_CHK	Boron, Total, ICAP	0.050	0.0539	MGL	107.8	(50-150)	
MS	Boron, Total, ICAP	0.5	0.457	MGL	91.4	(70-130)	
MS2	Boron, Total, ICAP	0.5	0.470	MGL	94.0	(70-130)	
MSD	Boron, Total, ICAP	0.5	0.473	MGL	94.6	(70-130)	
MSD2	Boron, Total, ICAP	0.5	0.453	MGL	90.6	(70-130)	
RPD_LCS	Boron, Total, ICAP	93.000	94.600	MGL	1.7	(0-20)	
RPD_MS	Boron, Total, ICAP	91.400	94.600	MGL	3.4	(0-20)	

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QC Ref #423218 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Total, ICAP	50	48.7	MGL	97.4	(85-115)	
LCS2	Calcium, Total, ICAP	50	48.0	MGL	96.0	(85-115)	
MBLK	Calcium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Calcium, Total, ICAP	1.000	0.954	MGL	95.4	(50-150)	
MS	Calcium, Total, ICAP	50	48.3	MGL	96.6	(70-130)	
MS2	Calcium, Total, ICAP	50	46.0	MGL	92.0	(70-130)	
MSD	Calcium, Total, ICAP	50	48.3	MGL	96.6	(70-130)	
MSD2	Calcium, Total, ICAP	50	42.6	MGL	85.2	(70-130)	
RPD_LCS	Calcium, Total, ICAP	97.400	96.000	MGL	1.4	(0-20)	
RPD_MS	Calcium, Total, ICAP	96.600	96.600	MGL	0.0	(0-20)	

QC Ref #423222 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP	5.0	4.97	MGL	99.4	(85-115)	
LCS2	Iron, Total, ICAP	5.0	4.83	MGL	96.6	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Iron, Total, ICAP	0.020	0.020	MGL	100.0	(50-150)	
MS	Iron, Total, ICAP	5.0	4.82	MGL	96.4	(70-130)	
MS2	Iron, Total, ICAP	5.0	4.73	MGL	94.6	(70-130)	
MSD	Iron, Total, ICAP	5.0	4.81	MGL	96.2	(70-130)	
MSD2	Iron, Total, ICAP	5.0	4.61	MGL	92.2	(70-130)	
RPD_LCS	Iron, Total, ICAP	99.400	96.600	MGL	2.9	(0-20)	
RPD_MS	Iron, Total, ICAP	96.400	96.200	MGL	0.2	(0-20)	

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QC Ref #423254

Volatile Organics HSL

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,2-Trichloroethane (1,1,2-T)	20	19.6	UGL	98.0	(82-117)	
LCS2	1,1,2-Trichloroethane (1,1,2-T)	20	19.7	UGL	98.5	(82-117)	
MBLK	1,1,2-Trichloroethane (1,1,2-T)	ND	<0.5	UGL			
MS	1,1,2-Trichloroethane (1,1,2-T)	10	9.96	UGL	99.6	(82-130)	
RPD_LCS	1,1,2-Trichloroethane (1,1,2-T)	98.000	98.500	UGL	0.5	(0-20)	
LCS1	1,1-Dichloroethylene (1,1DCE)	20	22.0	UGL	110.0	(81-129)	
LCS2	1,1-Dichloroethylene (1,1DCE)	20	20.5	UGL	102.5	(81-129)	
MBLK	1,1-Dichloroethylene (1,1DCE)	ND	<0.5	UGL			
MS	1,1-Dichloroethylene (1,1DCE)	10	10.6	UGL	106.0	(82-140)	
RPD_LCS	1,1-Dichloroethylene (1,1DCE)	110.000	102.500	UGL	7.1	(0-20)	
LCS1	1,1-Dichloroethane	20	19.3	UGL	96.5	(85-120)	
LCS2	1,1-Dichloroethane	20	18.4	UGL	92.0	(85-120)	
MBLK	1,1-Dichloroethane	ND	<0.5	UGL			
MS	1,1-Dichloroethane	10	9.77	UGL	97.7	(84-133)	
RPD_LCS	1,1-Dichloroethane	96.500	92.000	UGL	4.8	(0-20)	
LCS1	o-Dichlorobenzene (1,2-DCB)	20	21.2	UGL	106.0	(88-118)	
LCS2	o-Dichlorobenzene (1,2-DCB)	20	20.9	UGL	104.5	(88-118)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND	<0.5	UGL			
MS	o-Dichlorobenzene (1,2-DCB)	10	10.8	UGL	108.0	(85-119)	
RPD_LCS	o-Dichlorobenzene (1,2-DCB)	106.000	104.500	UGL	1.4	(0-20)	
LCS1	1,2-Dichloroethane	20	20.7	UGL	103.5	(86-123)	
LCS2	1,2-Dichloroethane	20	19.8	UGL	99.0	(86-123)	
MBLK	1,2-Dichloroethane	ND	<0.5	UGL			
MS	1,2-Dichloroethane	10	9.92	UGL	99.2	(81-133)	
RPD_LCS	1,2-Dichloroethane	103.500	99.000	UGL	4.4	(0-20)	
LCS1	1,2-Dichloropropane	20	20.2	UGL	101.0	(84-112)	
LCS2	1,2-Dichloropropane	20	19.4	UGL	97.0	(84-112)	
MBLK	1,2-Dichloropropane	ND	<0.5	UGL			
MS	1,2-Dichloropropane	10	9.87	UGL	98.7	(83-123)	
RPD_LCS	1,2-Dichloropropane	101.000	97.000	UGL	4.0	(0-20)	
LCS1	m-Dichlorobenzene (1,3-DCB)	20	21.9	UGL	109.5	(81-139)	

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LCS2	m-Dichlorobenzene (1,3-DCB)	20	21.8	UGL	109.0	(81-139)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND	<0.5	UGL		
MS	m-Dichlorobenzene (1,3-DCB)	10	11.5	UGL	115.0	(82-136)
RPD_LCS	m-Dichlorobenzene (1,3-DCB)	109.500	109.000	UGL	0.5	(0-20)
LCS1	p-Dichlorobenzene (1,4-DCB)	20	23.4	UGL	117.0	(83-140)
LCS2	p-Dichlorobenzene (1,4-DCB)	20	22.8	UGL	114.0	(83-140)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND	<0.5	UGL		
MS	p-Dichlorobenzene (1,4-DCB)	10	12.0	UGL	120.0	(80-135)
RPD_LCS	p-Dichlorobenzene (1,4-DCB)	117.000	114.000	UGL	2.6	(0-20)
LCS1	2-Butanone (MEK)	200	191	UGL	95.5	(71-120)
LCS2	2-Butanone (MEK)	200	186	UGL	93.0	(71-120)
MBLK	2-Butanone (MEK)	ND	<10	UGL		
MS	2-Butanone (MEK)	100	84.7	UGL	84.7	(53-126)
RPD_LCS	2-Butanone (MEK)	95.500	93.000	UGL	2.7	(0-20)
LCS1	2-Hexanone	200	195	UGL	97.5	(75-115)
LCS2	2-Hexanone	200	190	UGL	95.0	(75-115)
MBLK	2-Hexanone	ND	<10	UGL		
MS	2-Hexanone	100	90.0	UGL	90.0	(58-139)
RPD_LCS	2-Hexanone	97.500	95.000	UGL	2.6	(0-20)
LCS1	4-Methyl-2-Pentanone (MIBK)	200	205	UGL	102.5	(76-118)
LCS2	4-Methyl-2-Pentanone (MIBK)	200	200	UGL	100.0	(76-118)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND	<10	UGL		
MS	4-Methyl-2-Pentanone (MIBK)	100	95.3	UGL	95.3	(64-142)
RPD_LCS	4-Methyl-2-Pentanone (MIBK)	102.500	100.000	UGL	2.5	(0-20)
MS	Spiked sample	Lab # 28	04150621	NONE		(0-0)
LCS1	Acetone	200	173	UGL	86.5	(61-125)
LCS2	Acetone	200	164	UGL	82.0	(61-125)
MBLK	Acetone	ND	<10	UGL		
MS	Acetone	100	68.0	UGL	68.0	(17-132)
RPD_LCS	Acetone	86.500	82.000	UGL	5.3	(0-20)
LCS1	Benzene	20	21.4	UGL	107.0	(89-119)
LCS2	Benzene	20	20.4	UGL	102.0	(89-119)
MBLK	Benzene	ND	<0.5	UGL		
MS	Benzene	10	10.6	UGL	106.0	(85-131)
RPD_LCS	Benzene	107.000	102.000	UGL	4.8	(0-20)
LCS1	cis-1,2-Dichloroethene	20	20.6	UGL	103.0	(85-117)

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Laboratory
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Tronox LLC - Henderson
(continued)

LCS2	cis-1,2-Dichloroethene	20	19.5	UGL	97.5	(85-117)
MBLK	cis-1,2-Dichloroethene	ND	<0.5	UGL		
MS	cis-1,2-Dichloroethene	10	10.5	UGL	105.0	(85-132)
RPD_LCS	cis-1,2-Dichloroethene	103.000	97.500	UGL	5.5	(0-20)
LCS1	Chlorobenzene	20	21.6	UGL	108.0	(88-118)
LCS2	Chlorobenzene	20	20.2	UGL	101.0	(88-118)
MBLK	Chlorobenzene	ND	<0.5	UGL		
MS	Chlorobenzene	10	10.4	UGL	104.0	(87-126)
RPD_LCS	Chlorobenzene	108.000	101.000	UGL	6.7	(0-20)
LCS1	cis-1,3-Dichloropropene	20	21.1	UGL	105.5	(75-109)
LCS2	cis-1,3-Dichloropropene	20	20.6	UGL	103.0	(75-109)
MBLK	cis-1,3-Dichloropropene	ND	<0.5	UGL		
MS	cis-1,3-Dichloropropene	10	7.90	UGL	79.0	(50-133)
RPD_LCS	cis-1,3-Dichloropropene	105.500	103.000	UGL	2.4	(0-20)
LCS1	Bromoform	20	22.1	UGL	110.5	(75-129)
LCS2	Bromoform	20	22.5	UGL	112.5	(75-129)
MBLK	Bromoform	ND	<0.5	UGL		
MS	Bromoform	10	8.47	UGL	84.7	(68-131)
RPD_LCS	Bromoform	110.500	112.500	UGL	1.8	(0-20)
LCS1	Chloroform (Trichloromethane)	20	20.0	UGL	100.0	(85-121)
LCS2	Chloroform (Trichloromethane)	20	19.0	UGL	95.0	(85-121)
MBLK	Chloroform (Trichloromethane)	ND	<0.5	UGL		
MS	Chloroform (Trichloromethane)	10	10.5	UGL	105.0	(81-140)
RPD_LCS	Chloroform (Trichloromethane)	100.000	95.000	UGL	5.1	(0-20)
LCS1	Chloroethane	20	18.8	UGL	94.0	(76-127)
LCS2	Chloroethane	20	17.3	UGL	86.5	(76-127)
MBLK	Chloroethane	ND	<0.5	UGL		
MS	Chloroethane	10	10.1	UGL	101.0	(58-159)
RPD_LCS	Chloroethane	94.000	86.500	UGL	8.3	(0-20)
LCS1	Carbon disulfide	20	22.9	UGL	114.5	(73-129)
LCS2	Carbon disulfide	20	21.4	UGL	107.0	(73-129)
MBLK	Carbon disulfide	ND	<0.5	UGL		
MS	Carbon disulfide	10	11.7	UGL	117.0	(80-138)
RPD_LCS	Carbon disulfide	114.500	107.000	UGL	6.8	(0-20)
LCS1	Carbon Tetrachloride	20	21.4	UGL	107.0	(79-124)
LCS2	Carbon Tetrachloride	20	20.6	UGL	103.0	(79-124)

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Tronox LLC - Henderson
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MBLK	Carbon Tetrachloride	ND	<0.5	UGL		
MS	Carbon Tetrachloride	10	10.8	UGL	108.0	(77-145)
RPD_LCS	Carbon Tetrachloride	107.000	103.000	UGL	3.8	(0-20)
LCS1	Dibromochloromethane	20	21.0	UGL	105.0	(79-118)
LCS2	Dibromochloromethane	20	20.4	UGL	102.0	(79-118)
MBLK	Dibromochloromethane	ND	<0.5	UGL		
MS	Dibromochloromethane	10	9.40	UGL	94.0	(78-133)
RPD_LCS	Dibromochloromethane	105.000	102.000	UGL	2.9	(0-20)
LCS1	Dichlorobromomethane	20	19.8	UGL	99.0	(80-115)
LCS2	Dichlorobromomethane	20	18.9	UGL	94.5	(80-115)
MBLK	Dichlorobromomethane	ND	<0.5	UGL		
MS	Dichlorobromomethane	10	9.86	UGL	98.6	(81-132)
RPD_LCS	Dichlorobromomethane	99.000	94.500	UGL	4.7	(0-20)
LCS1	Ethyl benzene	20	22.3	UGL	111.5	(83-115)
LCS2	Ethyl benzene	20	21.1	UGL	105.5	(83-115)
MBLK	Ethyl benzene	ND	<0.5	UGL		
MS	Ethyl benzene	10	11.1	UGL	111.0	(85-128)
RPD_LCS	Ethyl benzene	111.500	105.500	UGL	5.5	(0-20)
LCS1	Dichlorodifluoromethane	20	25.4	UGL	127.0	(63-131)
LCS2	Dichlorodifluoromethane	20	23.8	UGL	119.0	(63-131)
MBLK	Dichlorodifluoromethane	ND	<0.5	UGL		
MS	Dichlorodifluoromethane	10	11.1	UGL	111.0	(74-151)
RPD_LCS	Dichlorodifluoromethane	127.000	119.000	UGL	6.5	(0-20)
LCS1	Methyl Bromide	20	18.0	UGL	90.0	(58-145)
LCS2	Methyl Bromide	20	17.4	UGL	87.0	(58-145)
MBLK	Methyl Bromide	ND	<0.5	UGL		
MS	Methyl Bromide	10	8.77	UGL	87.7	(48-158)
RPD_LCS	Methyl Bromide	90.000	87.000	UGL	3.4	(0-20)
LCS1	Methyl Chloride	20	20.6	UGL	103.0	(76-126)
LCS2	Methyl Chloride	20	19.6	UGL	98.0	(76-126)
MBLK	Methyl Chloride	ND	<0.5	UGL		
MS	Methyl Chloride	10	10.1	UGL	101.0	(68-141)
RPD_LCS	Methyl Chloride	103.000	98.000	UGL	5.0	(0-20)
LCS1	Methylene Chloride	20	20.8	UGL	104.0	(83-123)
LCS2	Methylene Chloride	20	20.3	UGL	101.5	(83-123)
MBLK	Methylene Chloride	ND	<3.0	UGL		

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Tronox LLC - Henderson (continued)

MS	Methylene Chloride	10	10.5	UGL	105.0	(83-134)
RPD_LCS	Methylene Chloride	104.000	101.500	UGL	2.4	(0-20)
LCS1	m,p-Xylenes	40	44.2	UGL	110.5	(89-120)
LCS2	m,p-Xylenes	40	42.2	UGL	105.5	(89-120)
MBLK	m,p-Xylenes	ND	<1.0	UGL		
MS	m,p-Xylenes	20	22.4	UGL	112.0	(85-139)
RPD_LCS	m,p-Xylenes	110.500	105.500	UGL	4.6	(0-20)
LCS1	o-Xylene	20	21.5	UGL	107.5	(84-111)
LCS2	o-Xylene	20	20.4	UGL	102.0	(84-111)
MBLK	o-Xylene	ND	<0.5	UGL		
MS	o-Xylene	10	10.7	UGL	107.0	(50-150)
RPD_LCS	o-Xylene	107.500	102.000	UGL	5.3	(0-20)
LCS1	1,1,2,2-Tetrachloroethane	20	21.9	UGL	109.5	(83-131)
LCS2	1,1,2,2-Tetrachloroethane	20	22.4	UGL	112.0	(83-131)
MBLK	1,1,2,2-Tetrachloroethane	ND	<0.5	UGL		
MS	1,1,2,2-Tetrachloroethane	10	10.5	UGL	105.0	(83-127)
RPD_LCS	1,1,2,2-Tetrachloroethane	109.500	112.000	UGL	2.3	(0-20)
LCS1	Tetrachloroethylene (PCE)	20	21.7	UGL	108.5	(81-132)
LCS2	Tetrachloroethylene (PCE)	20	20.6	UGL	103.0	(81-132)
MBLK	Tetrachloroethylene (PCE)	ND	<0.5	UGL		
MS	Tetrachloroethylene (PCE)	10	11.0	UGL	110.0	(83-143)
RPD_LCS	Tetrachloroethylene (PCE)	108.500	103.000	UGL	5.2	(0-20)
LCS1	Styrene	20	23.2	UGL	<u>116.0</u>	(83-115)
LCS2	Styrene	20	21.7	UGL	108.5	(83-115)
MBLK	Styrene	ND	<0.5	UGL		
MS	Styrene	10	10.6	UGL	106.0	(56-140)
RPD_LCS	Styrene	116.000	108.500	UGL	6.7	(0-20)
LCS1	1,2-dichloroethane-d4	100	97	NR	97.0	(70-130)
LCS2	1,2-dichloroethane-d4	100	92	NR	92.0	(70-130)
MBLK	1,2-dichloroethane-d4	100	102	NR	102.0	
MS	1,2-dichloroethane-d4	100	96	NR	96.0	(70-130)
RPD_LCS	1,2-dichloroethane-d4	97.000	92.000	NR	5.3	(0-20)
LCS1	Toluene-d8	100	100	NR	100.0	(70-130)
LCS2	Toluene-d8	100	98	NR	98.0	(70-130)
MBLK	Toluene-d8	100	93	NR	93.0	
MS	Toluene-d8	100	100	NR	100.0	(70-130)

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Tronox LLC - Henderson
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RPD_LCS	Toluene-d8	100.000	98.000	%R	2.0	(0-20)
LCS1	4-Bromofluorobenzene	100	102	%R	102.0	(70-130)
LCS2	4-Bromofluorobenzene	100	103	%R	103.0	(70-130)
MBLK	4-Bromofluorobenzene	100	101	%R	101.0	
MS	4-Bromofluorobenzene	100	100	%R	100.0	(70-130)
RPD_LCS	4-Bromofluorobenzene	102.000	103.000	%R	1.0	(0-20)
LCS1	trans-1,2-Dichloroethene	20	21.4	UGL	107.0	(84-126)
LCS2	trans-1,2-Dichloroethene	20	20.4	UGL	102.0	(84-126)
MBLK	trans-1,2-Dichloroethene	ND	<0.5	UGL		
MS	trans-1,2-Dichloroethene	10	10.4	UGL	104.0	(82-136)
RPD_LCS	trans-1,2-Dichloroethene	107.000	102.000	UGL	4.8	(0-20)
LCS1	1,1,1-Trichloroethane	20	20.4	UGL	102.0	(82-121)
LCS2	1,1,1-Trichloroethane	20	19.3	UGL	96.5	(82-121)
MBLK	1,1,1-Trichloroethane	ND	<0.5	UGL		
MS	1,1,1-Trichloroethane	10	10.4	UGL	104.0	(84-137)
RPD_LCS	1,1,1-Trichloroethane	102.000	96.500	UGL	5.5	(0-20)
LCS1	Trichloroethylene (TCE)	20	21.8	UGL	109.0	(86-120)
LCS2	Trichloroethylene (TCE)	20	20.9	UGL	104.5	(86-120)
MBLK	Trichloroethylene (TCE)	ND	<0.5	UGL		
MS	Trichloroethylene (TCE)	10	10.5	UGL	105.0	(86-130)
RPD_LCS	Trichloroethylene (TCE)	109.000	104.500	UGL	4.2	(0-20)
LCS1	Trichlorofluoromethane	20	22.1	UGL	110.5	(76-133)
LCS2	Trichlorofluoromethane	20	21.2	UGL	106.0	(76-133)
MBLK	Trichlorofluoromethane	ND	<0.5	UGL		
MS	Trichlorofluoromethane	10	10.7	UGL	107.0	(75-153)
RPD_LCS	Trichlorofluoromethane	110.500	106.000	UGL	4.2	(0-20)
LCS1	trans-1,3-Dichloropropene	20	21.5	UGL	107.5	(71-114)
LCS2	trans-1,3-Dichloropropene	20	20.6	UGL	103.0	(71-114)
MBLK	trans-1,3-Dichloropropene	ND	<0.5	UGL		
MS	trans-1,3-Dichloropropene	10	8.11	UGL	81.1	(45-141)
RPD_LCS	trans-1,3-Dichloropropene	107.500	103.000	UGL	4.3	(0-20)
LCS1	Tetrahydrofuran	200	204	UGL	102.0	(79-121)
LCS2	Tetrahydrofuran	200	206	UGL	103.0	(79-121)
MBLK	Tetrahydrofuran	ND	<10	UGL		
MS	Tetrahydrofuran	100	91.6	UGL	91.6	(66-134)
RPD_LCS	Tetrahydrofuran	102.000	103.000	UGL	1.0	(0-20)

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Tronox LLC - Henderson
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LCS1	Toluene	20	21.0	UGL	105.0	(88-118)
LCS2	Toluene	20	19.9	UGL	99.5	(88-118)
MBLK	Toluene	ND	<0.5	UGL		
MS	Toluene	10	10.3	UGL	103.0	(87-128)
RPD_LCS	Toluene	105.000	99.500	UGL	5.4	(0-20)
LCS1	Vinyl Chloride (VC)	20	20.2	UGL	101.0	(72-125)
LCS2	Vinyl Chloride (VC)	20	18.6	UGL	93.0	(72-125)
MBLK	Vinyl Chloride (VC)	ND	<0.5	UGL		
MS	Vinyl Chloride (VC)	10	9.95	UGL	99.5	(79-137)
RPD_LCS	Vinyl Chloride (VC)	101.000	93.000	UGL	8.2	(0-20)
LCS1	Vinyl Acetate	100	99.7	UGL	99.7	(61-125)
LCS2	Vinyl Acetate	100	98.0	UGL	98.0	(61-125)
MBLK	Vinyl Acetate	ND	<10	UGL		
MS	Vinyl Acetate	50	45.8	UGL	91.6	(40-142)
RPD_LCS	Vinyl Acetate	99.700	98.000	UGL	1.7	(0-20)

QC Ref #423324 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04180264	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	672	682	MGL		(0-10)	1.5
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	700	MGL	100.0	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8.0	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	100.000	MGL	5.3	(0-20)	

QC Ref #423347 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	209	201	UMHO		(0-20)	3.9
DUP2	Specific Conductance	598	597	UMHO		(0-20)	0.2
LCS1	Specific Conductance	1000	977	UMHO	97.7	(90-110)	
LCS2	Specific Conductance	1000	983	UMHO	98.3	(90-110)	

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MBLK	Specific Conductance	ND	<2.0	UMHO		
MRL_CHK	Specific Conductance	2.00	2.01	UMHO	100.5	(50-150)

QC Ref #423425 Zinc, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04210181	MGL		(0-0)	
LCS1	Zinc, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
LCS2	Zinc, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
MBLK	Zinc, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Zinc, Total, ICAP	0.020	0.020	MGL	100.0	(50-150)	
MS	Zinc, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	
MSD	Zinc, Total, ICAP	1.00	0.970	MGL	97.0	(70-130)	

QC Ref #423471 Fluoride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	04210096	MGL		(0-0)	
CCC3	Fluoride	10.0	10.0	MGL	100.0	(81-116)	
CCCH	Fluoride	10.0	10.0	MGL	100.0	(81-116)	
CCCL	Fluoride	0.5	0.504	MGL	100.8	(81-116)	
CCCM	Fluoride	0.5	0.495	MGL	99.0	(81-116)	
CCCS	Fluoride	0.05	0.049	MGL	98.0	(50-150)	
LCS1	Fluoride	1.00	0.992	MGL	99.2	(81-116)	
LCS2	Fluoride	1.00	1.01	MGL	101.0	(81-116)	
MBLK	Fluoride	ND	<0.050	MGL			
MRL_CHK	Fluoride	0.05	0.049	MGL	98.0	(50-150)	
MS	Fluoride	1.00	1.02	MGL	102.0	(73-124)	
MS2	Fluoride	1.00	0.996	MGL	99.6	(73-124)	
MSD	Fluoride	1.00	0.994	MGL	99.4	(73-124)	
MSD2	Fluoride	1.00	1.00	MGL	100.0	(73-124)	
RPD_LCS	Fluoride	99.200	101.000	MGL	1.8	(0-20)	
RPD_MS	Fluoride	102.000	99.400	MGL	2.6	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #424031

Mercury

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	04230536	UGL		(0-0)	
LCS1	Mercury	1.50	1.45	UGL	96.7	(85-115)	
LCS2	Mercury	1.50	1.44	UGL	96.0	(85-115)	
MBLK	Mercury	ND	<0.20	UGL			
MRL_CHK	Mercury	0.200	0.196	UGL	98.0	(50-150)	
MS	Mercury	1.50	1.78	UGL	118.7	(70-130)	
MSD	Mercury	1.50	1.49	UGL	99.3	(70-130)	
RPD_LCS	Mercury	96.667	96.000	UGL	0.7	(0-20)	
RPD_MS	Mercury	118.667	99.333	UGL	17.7	(0-20)	

QC Ref #424438

Weak Acid Dissociable Cyanide

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	04170722	MGL		(0-0)	
LCS1	Weak Acid Dissociable Cyanide	0.1	0.091	MGL	91.0	(90-110)	
LCS2	Weak Acid Dissociable Cyanide	0.1	0.090	MGL	<u>90.0</u>	(90-110)	
MBLK	Weak Acid Dissociable Cyanide	ND	<0.0050	MGL			
MS	Weak Acid Dissociable Cyanide	0.1	0.092	MGL	92.0	(85-115)	
MSD	Weak Acid Dissociable Cyanide	0.1	0.091	MGL	91.0	(85-115)	

QC Ref #425133

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	04290699	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	4.07	UGL	101.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.0	UGL	108.0	(80-120)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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Laboratory
QC Report
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Tronox LLC - Henderson (continued)

MSD	Perchlorate	25.0	25.2	UGL	100.8	(80-120)
RPD_LCS	Perchlorate	96.400	98.800	UGL	2.5	(0-15)
RPD_MS	Perchlorate	108.000	100.800	UGL	0.9	(0-15)

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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are advisory only, unless otherwise specified in the method.