



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)

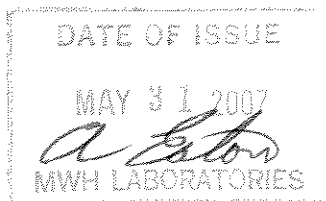
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 204551
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 30 page[s].



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

Bottle Order for Kerr, McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager
(626) 568-6425 Direct Phone/Voice Mail

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

SO# 34136 12996 RS

Sampler: Please Return this Paper with your samples

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Billing Address

Kerr, McGee, Henderson Plant
P.O. Box 55
Henderson, NV 89009

Created by

Order Date

01/09/07

Date Needed
by Client

Date Samples
to Arrive at MWL

SHIP LOCATION

ATTN: Susan Crowley
PHONE: 702-651-2234

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

Quote#

of Samples Tests

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

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		
1	WCN	1 125ml poly +1 ml NaOH (25%)	UN 1824	
1	GEN MIN. METALS, B	4: 2 500ml poly +1 125ml poly no pres& 1 250ml acid rinsed+1ml HNO3	UN 2031	Login use profile - #KERRMO (profile consists of: voapp, pb-ms, mg, mn-ms, clo4, ni-ms, ph, k, se-ms, wcn, ag-ms, na, so4, ti-ms alk tds, zn al-ms, sb-ms, ba-ms, be-ms B, cd-ms, ca, cl, cr-ms cu-ms, f, fe

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

Tracking Number

Carrier

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: 142606

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.

SCANNED

CARRIER Federal Express		Date 05/14/07	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/A			CUSTOMER PO OR REQ'N NO.	
SHIPPED FROM Henderson, NV			CODE NO. WCN IS 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				
PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	
		0		
1	TOTAL GROSS WEIGHT 22	TOTAL TARE WEIGHT 0	22	
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				
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 Chuck Whitney	AGENT	PER

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



Ship Date: 14MAY07
ActWgt: 22 LB
System#: 2274147/INET2600
Account#: S *****

Delivery Address Bar Code

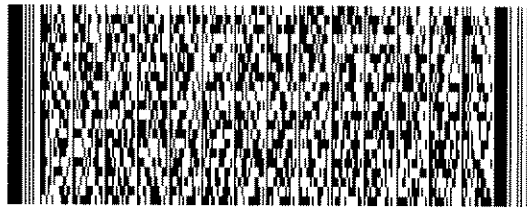


Ref # MSO #142606
Invoice #
PO #
Dept #

SHIP TO: (626)568-6400 **BILL SENDER**

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

MONROVIA, CA 910163629



PRIORITY OVERNIGHT

TUE

Deliver By:
15MAY07

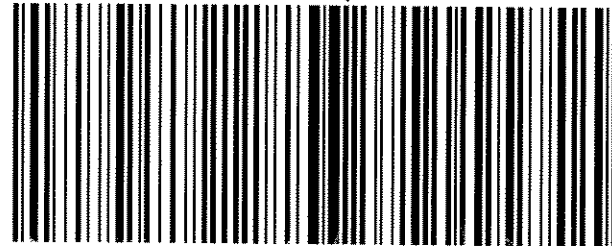
TRK# **7991 4014 3143**

FORM
0201

BUR A2

91016 -CA-US

QZ WHPA



SCANNED

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#: 204551
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/15/07**. 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		
2705150277	STABILIZED WATER		Water	14-may-2007 10:00:00		
	@VOAPP	AG-MS	AL-MS	ALK	ANION1	AS-MS
	B	BA-MS	BALANCE	BE-MS	CA	CATION1
	CD-MS	CL	CLO4	CO3	CR-MS	CU-MS
	EC	F	FE	HCO3	HG	K
	MG	MN-MS	NA	NI-MS	NO3	OH
	P	PB-MS	PH	SB-MS	SE-MS	SO4
	T	TDS	TL-MS	WCN	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

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Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 204551
 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
#204551

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.

Client Signature: _____

(QC Ref#: 2705150277)

Test: Acetone (ML/EPA 624)

L4- The associated blank spike recovery was below method acceptance limits.



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Laboratory
Hits Report
#204551

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

Samples Received
15-may-2007 13:29:03

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705150277	STABILIZED WATER				
05/16/07		Alkalinity in CaCO3 units	135		mg/l	2.0
05/18/07		Anion Sum - Calculated	11		meq/l	0.0050
05/15/07		Arsenic, Total, ICAP/MS	2.4	10	ug/l	1.0
05/15/07		Barium, Total, ICAP/MS	160	2000	ug/l	2.0
05/18/07		Bicarb.Alkalinity as HCO3,calc	160		mg/l	2.0
05/15/07		Boron, Total, ICAP	0.14		mg/l	0.050
05/15/07		Calcium, Total, ICAP	80		mg/l	1.0
05/17/07		Cation Sum - Calculated	11		meq/l	0.0010
05/15/07		Chloride	97	250	mg/l	5.0
05/16/07		Fluoride	0.33	4	mg/l	0.050
05/15/07		Iron, Total, ICAP	0.028	0.3	mg/l	0.020
05/15/07		Magnesium, Total, ICAP	31		mg/l	0.10
05/15/07		Nitrate as Nitrogen by IC	0.68	10	mg/l	0.50
05/16/07		PH (H3=past HT, not compliant)	8.2	6.5-8.5	Units	0.010
05/21/07		Perchlorate	5.2		ug/l	4.0
05/15/07		Potassium, Total, ICAP	5.2		mg/l	1.0
05/15/07		Sodium, Total, ICAP	97		mg/l	1.0
05/16/07		Specific Conductance	1070		umho/cm	2.0
05/15/07		Sulfate	270	250	mg/l	2.5
05/21/07		Total Dissolved Solid (TDS)	702	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Data Report
#204551

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

Samples Received
05/15/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
STABILIZED WATER (2705150277)				Sampled on 05/14/07 10:00				
	05/15/07 17:09	366750	(ML/EPA 200.8)	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
	05/15/07 17:09	366764	(ML/EPA 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	20	1
	05/16/07 11:39	367031	(SM2320B/ 310.1)	Alkalinity in CaCO3 units	135	mg/l	2.0	1
	05/18/07 17:44	367467	(ML/SM1030E)	Anion Sum - Calculated	11	meq/l	0.0050	5
	05/15/07 00:00	369521	(ML/EPA 200.8)	Arsenic, Total, ICAP/MS	2.4	ug/l	1.0	1
	05/15/07 21:25	366809	(ML/EPA 200.7)	Boron, Total, ICAP	0.14	mg/l	0.050	1
	05/15/07 17:09	366757	(ML/EPA 200.8)	Barium, Total, ICAP/MS	160	ug/l	2.0	1
	05/15/07 17:09	366743	(ML/EPA 200.8)	Beryllium, Total, ICAP/MS	ND	ug/l	1.0	1
	05/15/07 21:25	366811	(ML/EPA 200.7)	Calcium, Total, ICAP	80	mg/l	1.0	1
	05/17/07 12:47	367054	(ML/SM1030E)	Cation Sum - Calculated	11	meq/l	0.0016	1
	05/15/07 17:09	366752	(ML/EPA 200.8)	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
	05/15/07 16:34	367074	(ML/EPA 300.0)	Chloride	97	mg/l	5.0	5
	05/21/07 00:00	368084	(EPA 314)	Perchlorate	5.2	ug/l	4.0	1
	05/18/07 17:44	367467	(SM2330B)	Carbonate as CO3, Calculated	ND	mg/l	2.0	1
	05/15/07 17:09	366768	(ML/EPA 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	1.0	1
	05/15/07 00:00	369519	(ML/EPA 200.8)	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	05/16/07 00:00	367002	(2510B/ SW9050)	Specific Conductance	1070	umho/cm	2.0	1
	05/16/07 00:00	366928	(SM 4500F-C)	Fluoride	0.33	mg/l	0.050	1
	05/15/07 21:25	366815	(ML/EPA 200.7)	Iron, Total, ICAP	0.028	mg/l	0.020	1
	05/18/07 17:44	367467	(SM2330B)	Bicarb.Alkalinity as HCO3,calc	160	mg/l	2.0	1
	05/21/07 00:01	368003	(ML/EPA 245.1)	Mercury	ND	ug/l	0.20	1
	05/15/07 21:25	366801	(ML/EPA 200.7)	Potassium, Total, ICAP	5.2	mg/l	1.0	1
	05/15/07 21:25	366803	(ML/EPA 200.7)	Magnesium, Total, ICAP	31	mg/l	0.10	1
	05/15/07 17:09	366733	(ML/EPA 200.8)	Manganese, Total, ICAP/MS	ND	ug/l	2.0	1
	05/15/07 21:25	366807	(ML/EPA 200.7)	Sodium, Total, ICAP	97	mg/l	1.0	1
	05/15/07 17:09	366737	(ML/EPA 200.8)	Nickel, Total, ICAP/MS	ND	ug/l	5.0	1
	05/15/07 16:34	367086	(ML/EPA 300.0)	Nitrate as Nitrogen by IC	0.68	mg/l	0.50	5
	05/18/07 17:44	367467	(SM2330B)	Hydroxide as OH, Calculated	ND	mg/l	2.0	1
	05/15/07 00:00	369523	(ML/EPA 200.8)	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
	05/16/07 00:00	367005	(SM4500-HB)	PH (H3=past HT, not compliant)	8.2	Units	0.010	1
	05/15/07 17:09	366755	(ML/EPA 200.8)	Antimony, Total, ICAP/MS	ND	ug/l	1.0	1
	05/15/07 17:09	366746	(ML/EPA 200.8)	Selenium, Total, ICAP/MS	ND	ug/l	5.0	1



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Laboratory
Data Report
#204551

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	05/15/07 16:34	367075	(ML/EPA 300.0)	Sulfate	270	mg/l	2.5	5
05/21/07	05/21/07 18:30	368228	(SM 2540C)	Total Dissolved Solid (TDS)	702	mg/l	10	1
	05/15/07 17:09	366759	(ML/EPA 200.8)	Thallium, Total, ICAP/MS	ND	ug/l	1.0	1
05/21/07	05/22/07 00:00	368322	(SM4500CN-I)	Weak Acid Dissociable Cyanide	ND	mg/l	0.0050	1
	05/15/07 21:25	368179	(EPA/ML 200.7)	Zinc, Total, ICAP	ND	mg/l	0.020	1

Volatile Organics HSL

	05/24/07 20:51	368927	(ML 624)	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	1,1-Dichloroethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	1,2-Dichloroethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	1,2-Dichloropropane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	2-Butanone (MEK)	ND	ug/l	10	1
	05/24/07 20:51	368927	(ML 624)	2-Hexanone	ND	ug/l	10	1
	05/24/07 20:51	368927	(ML 624)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	05/24/07 20:51	368927	(ML 624)	Acetone	ND (L4)	ug/l	10	1
	05/24/07 20:51	368927	(ML 624)	Acrolein (Screen)	ND	ug/l	50	1
	05/24/07 20:51	368927	(ML 624)	Acrylonitrile (Screen)	ND	ug/l	50	1
	05/24/07 20:51	368927	(ML 624)	Benzene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	cis-1,2-Dichloroethene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Chlorobenzene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	cis-1,3-Dichloropropene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Bromoform	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Chloroform (Trichloromethane)	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Chloroethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Carbon disulfide	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Carbon Tetrachloride	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Dibromochloromethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Dichlorobromomethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Ethyl benzene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Dichlorodifluoromethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Methyl Bromide	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624)	Methyl Chloride	ND	ug/l	0.5	1



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Laboratory
 Data Report
 #204551

Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	05/24/07 20:51	368927	(ML 624	) Methylene Chloride	ND	ug/l	3.0	1
	05/24/07 20:51	368927	(ML 624	) m,p-Xylenes	ND	ug/l	1.0	1
	05/24/07 20:51	368927	(ML 624	) o-Xylene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) Tetrachloroethylene (PCE)	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) Styrene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) trans-1,2-Dichloroethene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) 1,1,1-Trichloroethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) Trichloroethylene (TCE)	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) Trichlorofluoromethane	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) trans-1,3-Dichloropropene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) Tetrahydrofuran	ND	ug/l	10	1
	05/24/07 20:51	368927	(ML 624	) Toluene	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) Vinyl Chloride (VC)	ND	ug/l	0.5	1
	05/24/07 20:51	368927	(ML 624	) Vinyl Acetate	ND	ug/l	10	1
			(ML 624) 1,2-Dichloroethane-d4(80-120)	103	% Rec		
			(ML 624) Toluene-d8(88-110)	97	% Rec		
			(ML 624) 4-Bromofluorobenzene(86-115)	99	% Rec		



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QC Ref #366733 - Manganese, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #366737 - Nickel, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #366743 - Beryllium, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #366746 - Selenium, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #366750 - Silver, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #366752 - Cadmium, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #366755 - Antimony, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #366757 - Barium, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: dtn



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Tronox LLC - Henderson
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QC Ref #366759	- Thallium, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: dtn
QC Ref #366764	- Aluminum, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: dtn
QC Ref #366768	- Chromium, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: dtn
QC Ref #366801	- Potassium, Total, ICAP	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: wbh
QC Ref #366803	- Magnesium, Total, ICAP	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: wbh
QC Ref #366807	- Sodium, Total, ICAP	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: wbh
QC Ref #366809	- Boron, Total, ICAP	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: wbh
QC Ref #366811	- Calcium, Total, ICAP	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: wbh



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Tronox LLC - Henderson
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QC Ref #366815 - Iron, Total, ICAP	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: wbh
QC Ref #366928 - Fluoride	Analysis Date: 05/16/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #367002 - Specific Conductance	Analysis Date: 05/16/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #367005 - PH (H3=past HT, not compliant)	Analysis Date: 05/16/2007
2705150277 STABILIZED WATER	Analyzed by: dtn
QC Ref #367031 - Alkalinity in CaCO3 units	Analysis Date: 05/16/2007
2705150277 STABILIZED WATER	Analyzed by: axa
QC Ref #367054 - Cation Sum - Calculated	Analysis Date: 05/17/2007
2705150277 STABILIZED WATER	Analyzed by: dwr
QC Ref #367074 - Chloride	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: jkz
QC Ref #367075 - Sulfate	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: jkz



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Tronox LLC - Henderson
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QC Ref #367086 - Nitrate as Nitrogen by IC	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: jkz
QC Ref #367467 - Anion Sum - Calculated	Analysis Date: 05/18/2007
2705150277 STABILIZED WATER	Analyzed by: dwr
2705150277 STABILIZED WATER	Analyzed by: dwr
2705150277 STABILIZED WATER	Analyzed by: dwr
2705150277 STABILIZED WATER	Analyzed by: dwr
2705150277 STABILIZED WATER	Analyzed by: dwr
QC Ref #368003 - Mercury	Analysis Date: 05/21/2007
2705150277 STABILIZED WATER	Analyzed by: dyh
QC Ref #368084 - Perchlorate	Analysis Date: 05/21/2007
2705150277 STABILIZED WATER	Analyzed by: raja
QC Ref #368179 - Zinc, Total, ICAP	Analysis Date: 05/15/2007
2705150277 STABILIZED WATER	Analyzed by: wbh
QC Ref #368228 - Total Dissolved Solid (TDS)	Analysis Date: 05/21/2007
2705150277 STABILIZED WATER	Analyzed by: maria
QC Ref #368322 - Weak Acid Dissociable Cyanide	Analysis Date: 05/22/2007
2705150277 STABILIZED WATER	Analyzed by: nina



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QC Ref #368927	- Volatile Organics HSL	Analysis Date: 05/24/2007
2705150277	STABILIZED WATER	Analyzed by: kcp
QC Ref #369519	- Copper, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: dtn
QC Ref #369521	- Arsenic, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: dtn
QC Ref #369523	- Lead, Total, ICAP/MS	Analysis Date: 05/15/2007
2705150277	STABILIZED WATER	Analyzed by: dtn



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QC Ref #366733 Manganese, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Manganese, Total, ICAP/MS	50	46.7	UGL	93.4	(85-115)	
LCS2	Manganese, Total, ICAP/MS	50	48.4	UGL	96.8	(85-115)	
MBLK	Manganese, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Manganese, Total, ICAP/MS	2.000	1.99	UGL	99.5	(50-150)	
MS	Manganese, Total, ICAP/MS	50	48.8	UGL	97.6	(70-130)	
MSD	Manganese, Total, ICAP/MS	50	49.3	UGL	98.6	(70-130)	
RPD_LCS	Manganese, Total, ICAP/MS	93.400	96.800	UGL	3.6	(0-20)	
RPD_MS	Manganese, Total, ICAP/MS	97.600	98.600	UGL	1.0	(0-20)	

QC Ref #366737 Nickel, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Nickel, Total, ICAP/MS	50	46.5	UGL	93.0	(85-115)	
LCS2	Nickel, Total, ICAP/MS	50	48.2	UGL	96.4	(85-115)	
MBLK	Nickel, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Nickel, Total, ICAP/MS	5.000	4.92	UGL	98.4	(50-150)	
MS	Nickel, Total, ICAP/MS	50	45.2	UGL	90.4	(70-130)	
MSD	Nickel, Total, ICAP/MS	50	45.2	UGL	90.4	(70-130)	
RPD_LCS	Nickel, Total, ICAP/MS	93.000	96.400	UGL	3.6	(0-20)	
RPD_MS	Nickel, Total, ICAP/MS	90.400	90.400	UGL	0.0	(0-20)	

QC Ref #366743 Beryllium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Beryllium, Total, ICAP/MS	5.00	4.73	UGL	94.6	(85-115)	
LCS2	Beryllium, Total, ICAP/MS	5.00	4.75	UGL	95.0	(85-115)	
MBLK	Beryllium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Beryllium, Total, ICAP/MS	1.000	0.99	UGL	99.0	(50-150)	

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MS	Beryllium, Total, ICAP/MS	5.00	4.97	UGL	99.4	(70-130)
MSD	Beryllium, Total, ICAP/MS	5.00	4.77	UGL	95.4	(70-130)
RPD_LCS	Beryllium, Total, ICAP/MS	94.600	95.000	UGL	0.4	(0-20)
RPD_MS	Beryllium, Total, ICAP/MS	99.400	95.400	UGL	4.1	(0-20)

QC Ref #366746 Selenium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Selenium, Total, ICAP/MS	20	18.6	UGL	93.0	(85-115)	
LCS2	Selenium, Total, ICAP/MS	20	18.7	UGL	93.5	(85-115)	
MBLK	Selenium, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Selenium, Total, ICAP/MS	5.000	4.61	UGL	92.2	(50-150)	
MS	Selenium, Total, ICAP/MS	20	20.4	UGL	102.0	(70-130)	
MSD	Selenium, Total, ICAP/MS	20	20.1	UGL	100.5	(70-130)	
RPD_LCS	Selenium, Total, ICAP/MS	93.000	93.500	UGL	0.5	(0-20)	
RPD_MS	Selenium, Total, ICAP/MS	102.000	100.500	UGL	1.5	(0-20)	

QC Ref #366750 Silver, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Silver, Total, ICAP/MS	50	44.9	UGL	89.8	(85-115)	
LCS2	Silver, Total, ICAP/MS	50	48.3	UGL	96.6	(85-115)	
MBLK	Silver, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Silver, Total, ICAP/MS	0.500	0.576	UGL	115.2	(50-150)	
MS	Silver, Total, ICAP/MS	50	40.3	UGL	80.6	(70-130)	
MSD	Silver, Total, ICAP/MS	50	40.0	UGL	80.0	(70-130)	
RPD_LCS	Silver, Total, ICAP/MS	89.800	96.600	UGL	7.3	(0-20)	
RPD_MS	Silver, Total, ICAP/MS	80.600	80.000	UGL	0.7	(0-20)	

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QC Ref #366752 Cadmium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Cadmium, Total, ICAP/MS	20	17.9	UGL	89.5	(85-115)	
LCS2	Cadmium, Total, ICAP/MS	20	19.4	UGL	97.0	(85-115)	
MBLK	Cadmium, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Cadmium, Total, ICAP/MS	0.500	0.579	UGL	115.8	(50-150)	
MS	Cadmium, Total, ICAP/MS	20	18.4	UGL	92.0	(70-130)	
MSD	Cadmium, Total, ICAP/MS	20	18.5	UGL	92.5	(70-130)	
RPD_LCS	Cadmium, Total, ICAP/MS	89.500	97.000	UGL	8.0	(0-20)	
RPD_MS	Cadmium, Total, ICAP/MS	92.000	92.500	UGL	0.5	(0-20)	

QC Ref #366755 Antimony, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Antimony, Total, ICAP/MS	50	45.8	UGL	91.6	(85-115)	
LCS2	Antimony, Total, ICAP/MS	50	49.5	UGL	99.0	(85-115)	
MBLK	Antimony, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Antimony, Total, ICAP/MS	1.000	1.09	UGL	109.0	(50-150)	
MS	Antimony, Total, ICAP/MS	50	49.1	UGL	98.2	(70-130)	
MSD	Antimony, Total, ICAP/MS	50	48.5	UGL	97.0	(70-130)	
RPD_LCS	Antimony, Total, ICAP/MS	91.600	99.000	UGL	7.8	(0-20)	
RPD_MS	Antimony, Total, ICAP/MS	98.200	97.000	UGL	1.2	(0-20)	

QC Ref #366757 Barium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Barium, Total, ICAP/MS	100	91	UGL	91.0	(85-115)	
LCS2	Barium, Total, ICAP/MS	100	98	UGL	98.0	(85-115)	

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MBLK	Barium, Total, ICAP/MS	ND	<2.0	UGL		
MRL_CHK	Barium, Total, ICAP/MS	2.000	1.99	UGL	99.5	(50-150)
MS	Barium, Total, ICAP/MS	100	102	UGL	102.0	(70-130)
MSD	Barium, Total, ICAP/MS	100	101	UGL	101.0	(70-130)
RPD_LCS	Barium, Total, ICAP/MS	91.000	98.000	UGL	7.4	(0-20)
RPD_MS	Barium, Total, ICAP/MS	102.000	101.000	UGL	1.0	(0-20)

QC Ref #366759 Thallium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Thallium, Total, ICAP/MS	20.0	18.9	UGL	94.5	(85-115)	
LCS2	Thallium, Total, ICAP/MS	20.0	20.3	UGL	101.5	(85-115)	
MBLK	Thallium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Thallium, Total, ICAP/MS	1.000	1.08	UGL	108.0	(50-150)	
MS	Thallium, Total, ICAP/MS	20.0	19.5	UGL	97.5	(70-130)	
MSD	Thallium, Total, ICAP/MS	20.0	19.4	UGL	97.0	(70-130)	
RPD_LCS	Thallium, Total, ICAP/MS	94.500	101.500	UGL	7.1	(0-20)	
RPD_MS	Thallium, Total, ICAP/MS	97.500	97.000	UGL	0.5	(0-20)	

QC Ref #366764 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Aluminum, Total, ICAP/MS	200	195	UGL	97.5	(85-115)	
LCS2	Aluminum, Total, ICAP/MS	200	202	UGL	101.0	(85-115)	
MBLK	Aluminum, Total, ICAP/MS	ND	<20	UGL			
MRL_CHK	Aluminum, Total, ICAP/MS	25.000	19.4	UGL	77.6	(50-150)	
MS	Aluminum, Total, ICAP/MS	200	204	UGL	102.0	(70-130)	
MSD	Aluminum, Total, ICAP/MS	200	214	UGL	107.0	(70-130)	
RPD_LCS	Aluminum, Total, ICAP/MS	97.500	101.000	UGL	3.5	(0-20)	
RPD_MS	Aluminum, Total, ICAP/MS	102.000	107.000	UGL	4.8	(0-20)	

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QC Ref #366768 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Chromium, Total, ICAP/MS	100	92.8	UGL	92.8	(85-115)	
LCS2	Chromium, Total, ICAP/MS	100	96.8	UGL	96.8	(85-115)	
MBLK	Chromium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Chromium, Total, ICAP/MS	1.000	1.06	UGL	106.0	(50-150)	
MS	Chromium, Total, ICAP/MS	100	95.6	UGL	95.6	(70-130)	
MSD	Chromium, Total, ICAP/MS	100	94.3	UGL	94.3	(70-130)	
RPD_LCS	Chromium, Total, ICAP/MS	92.800	96.800	UGL	4.2	(0-20)	
RPD_MS	Chromium, Total, ICAP/MS	95.600	94.300	UGL	1.4	(0-20)	

QC Ref #366801 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Total, ICAP	20	19	MGL	95.0	(85-115)	
LCS2	Potassium, Total, ICAP	20	19.5	MGL	97.5	(85-115)	
MBLK	Potassium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Potassium, Total, ICAP	1.000	0.902	MGL	90.2	(50-150)	
MS	Potassium, Total, ICAP	20	19	MGL	95.0	(70-130)	
MS2	Potassium, Total, ICAP	20	18.0	MGL	90.0	(70-130)	
MSD	Potassium, Total, ICAP	20	19.2	MGL	96.0	(70-130)	
MSD2	Potassium, Total, ICAP	20	18.0	MGL	90.0	(70-130)	
RPD_LCS	Potassium, Total, ICAP	95.000	97.500	MGL	2.6	(0-20)	
RPD_MS	Potassium, Total, ICAP	95.000	96.000	MGL	1.0	(0-20)	

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QC Ref #366803 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Total, ICAP	20	20.2	MGL	101.0	(85-115)	
LCS2	Magnesium, Total, ICAP	20	20.8	MGL	104.0	(85-115)	
MBLK	Magnesium, Total, ICAP	ND	<0.10	MGL			
MRL_CHK	Magnesium, Total, ICAP	0.100	0.105	MGL	105.0	(50-150)	
MS	Magnesium, Total, ICAP	20	19.8	MGL	99.0	(70-130)	
MS2	Magnesium, Total, ICAP	20	17.9	MGL	89.5	(70-130)	
MSD	Magnesium, Total, ICAP	20	19.9	MGL	99.5	(70-130)	
MSD2	Magnesium, Total, ICAP	20	17.9	MGL	89.5	(70-130)	
RPD_LCS	Magnesium, Total, ICAP	101.000	104.000	MGL	2.9	(0-20)	
RPD_MS	Magnesium, Total, ICAP	99.000	99.500	MGL	0.5	(0-20)	

QC Ref #366807 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Total, ICAP	50	48.1	MGL	96.2	(85-115)	
LCS2	Sodium, Total, ICAP	50	48.7	MGL	97.4	(85-115)	
MBLK	Sodium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Sodium, Total, ICAP	1.000	0.968	MGL	96.8	(50-150)	
MS	Sodium, Total, ICAP	50	46.3	MGL	92.6	(70-130)	
MS2	Sodium, Total, ICAP	50	44.0	MGL	88.0	(70-130)	
MSD	Sodium, Total, ICAP	50	46.9	MGL	93.8	(70-130)	
MSD2	Sodium, Total, ICAP	50	43.4	MGL	86.8	(70-130)	
RPD_LCS	Sodium, Total, ICAP	96.200	97.400	MGL	1.2	(0-20)	
RPD_MS	Sodium, Total, ICAP	92.600	93.800	MGL	1.3	(0-20)	

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Tronox LLC - Henderson
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QC Ref #366809
Boron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Boron, Total, ICAP	0.5	0.462	MGL	92.4	(85-115)	
LCS2	Boron, Total, ICAP	0.5	0.467	MGL	93.4	(85-115)	
MBLK	Boron, Total, ICAP	ND	<0.050	MGL			
MRL_CHK	Boron, Total, ICAP	0.050	0.043	MGL	86.0	(50-150)	
MS	Boron, Total, ICAP	0.5	0.477	MGL	95.4	(70-130)	
MS2	Boron, Total, ICAP	0.5	0.460	MGL	92.0	(70-130)	
MSD	Boron, Total, ICAP	0.5	0.487	MGL	97.4	(70-130)	
MSD2	Boron, Total, ICAP	0.5	0.463	MGL	92.6	(70-130)	
RPD_LCS	Boron, Total, ICAP	92.400	93.400	MGL	1.1	(0-20)	
RPD_MS	Boron, Total, ICAP	95.400	97.400	MGL	2.1	(0-20)	

QC Ref #366811
Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Total, ICAP	50	49.5	MGL	99.0	(85-115)	
LCS2	Calcium, Total, ICAP	50	50.1	MGL	100.2	(85-115)	
MBLK	Calcium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Calcium, Total, ICAP	1.000	1.03	MGL	103.0	(50-150)	
MS	Calcium, Total, ICAP	50	47.9	MGL	95.8	(70-130)	
MS2	Calcium, Total, ICAP	50	43.6	MGL	87.2	(70-130)	
MSD	Calcium, Total, ICAP	50	48.6	MGL	97.2	(70-130)	
MSD2	Calcium, Total, ICAP	50	43.3	MGL	86.6	(70-130)	
RPD_LCS	Calcium, Total, ICAP	99.000	100.200	MGL	1.2	(0-20)	
RPD_MS	Calcium, Total, ICAP	95.800	97.200	MGL	1.5	(0-20)	

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Tronox LLC - Henderson
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QC Ref #366815 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP	5.0	4.89	MGL	97.8	(85-115)	
LCS2	Iron, Total, ICAP	5.0	4.99	MGL	99.8	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Iron, Total, ICAP	0.020	0.0213	MGL	106.5	(50-150)	
MS	Iron, Total, ICAP	5.0	4.89	MGL	97.8	(70-130)	
MS2	Iron, Total, ICAP	5.0	4.94	MGL	98.8	(70-130)	
MSD	Iron, Total, ICAP	5.0	4.97	MGL	99.4	(70-130)	
MSD2	Iron, Total, ICAP	5.0	5.00	MGL	100.0	(70-130)	
RPD_LCS	Iron, Total, ICAP	97.800	99.800	MGL	2.0	(0-20)	
RPD_MS	Iron, Total, ICAP	97.800	99.400	MGL	1.6	(0-20)	

QC Ref #366928 Fluoride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05100634	MGL		(0-0)	
CCCC3	Fluoride	10.0	9.6	MGL	96.0	(81-116)	
CCCH	Fluoride	10.0	9.91	MGL	99.1	(81-116)	
CCCL	Fluoride	0.5	0.497	MGL	99.4	(81-116)	
CCCM	Fluoride	0.5	0.482	MGL	96.4	(81-116)	
LCS1	Fluoride	1.00	0.969	MGL	96.9	(81-116)	
LCS2	Fluoride	1.00	0.960	MGL	96.0	(81-116)	
MBLK	Fluoride	ND	<0.050	MGL			
MRL_CHK	Fluoride	0.05	0.049	MGL	98.0	(50-150)	
MS	Fluoride	1.00	1.03	MGL	103.0	(73-124)	
MS2	Fluoride	1.00	1.00	MGL	100.0	(73-124)	
MSD	Fluoride	1.00	1.01	MGL	101.0	(73-124)	
MSD2	Fluoride	1.00	1.01	MGL	101.0	(73-124)	
RPD_LCS	Fluoride	96.900	96.000	MGL	0.9	(0-20)	
RPD_MS	Fluoride	103.000	101.000	MGL	2.0	(0-20)	

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QC Ref #367002 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	891	890	UMHO		(0-20)	0.1
DUP2	Specific Conductance	1054	1044	UMHO		(0-20)	1.0
LCS1	Specific Conductance	1000	1005	UMHO	100.5	(90-110)	
LCS2	Specific Conductance	1000	1018	UMHO	101.8	(90-110)	
MBLK	Specific Conductance	ND	<2.0	UMHO			
MRL_CHK	Specific Conductance	2.00	1.78	UMHO	89.0	(50-150)	

QC Ref #367005 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05150659	UNIT	0.0	(0-0)	
DUP	PH (H3=past HT, not compliant)	8.20	8.23	UNIT		(0-20)	0.4

QC Ref #367031 Alkalinity in CaCO3 units

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05150625	MGL		(0-0)	
LCS1	Alkalinity in CaCO3 units	100	99	MGL	99.0	(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	2.19	MGL	109.5	(50-150)	
MS	Alkalinity in CaCO3 units	100	102	MGL	102.0	(80-120)	
MS2	Alkalinity in CaCO3 units	100	79	MGL	<u>79.0</u>	(80-120)	
MSD	Alkalinity in CaCO3 units	100	95	MGL	95.0	(80-120)	
MSD2	Alkalinity in CaCO3 units	100	68	MGL	<u>68.0</u>	(80-120)	
RPD_LCS	Alkalinity in CaCO3 units	99.000	102.000	MGL	3.0	(0-10)	
RPD_MS	Alkalinity in CaCO3 units	102.000	95.000	MGL	7.1	(0-20)	

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QC Ref #367074 Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05140402	MGL		(0-0)	
LCS1	Chloride	25	25.3	MGL	101.2	(90-110)	
LCS2	Chloride	25	25.8	MGL	103.2	(90-110)	
MBLK	Chloride	ND	<1.0	MGL			
MRL_CHK	Chloride	0.500	0.458	MGL	91.6	(50-150)	
MS	Chloride	12.5	11.4	MGL	91.2	(74-126)	
MSD	Chloride	12.5	11.4	MGL	91.2	(74-126)	
RPD_LCS	Chloride	101.200	103.200	MGL	2.0	(0-20)	
RPD_MS	Chloride	91.200	91.200	MGL	0.0	(0-20)	

QC Ref #367075 Sulfate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05140402	MGL		(0-0)	
LCS1	Sulfate	50	50.6	MGL	101.2	(90-110)	
LCS2	Sulfate	50	51.7	MGL	103.4	(90-110)	
MBLK	Sulfate	ND	<0.50	MGL			
MRL_CHK	Sulfate	1.00	0.987	MGL	98.7	(50-150)	
MS	Sulfate	25	24.5	MGL	98.0	(83-115)	
MSD	Sulfate	25	24.5	MGL	98.0	(83-115)	
RPD_LCS	Sulfate	101.200	103.400	MGL	2.2	(0-20)	
RPD_MS	Sulfate	98.000	98.000	MGL	0.0	(0-20)	

QC Ref #367086 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05140402	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.43	MGL	97.2	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.49	MGL	99.6	(90-110)	

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MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL		
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.0462	MGL	92.4	(50-150)
MS	Nitrate as Nitrogen by IC	1.25	1.18	MGL	94.4	(80-112)
MSD	Nitrate as Nitrogen by IC	1.25	1.20	MGL	96.0	(80-112)
RPD_LCS	Nitrate as Nitrogen by IC	97.200	99.600	MGL	2.4	(0-20)
RPD_MS	Nitrate as Nitrogen by IC	94.400	96.000	MGL	1.7	(0-20)

QC Ref #368003 Mercury

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05100634	UGL		(0-0)	
LCS1	Mercury	1.50	1.51	UGL	100.7	(85-115)	
LCS2	Mercury	1.50	1.54	UGL	102.7	(85-115)	
MBLK	Mercury	ND	<0.20	UGL			
MRL_CHK	Mercury	0.200	0.209	UGL	104.5	(50-150)	
MS	Mercury	1.50	1.52	UGL	101.3	(70-130)	
MSD	Mercury	1.50	1.53	UGL	102.0	(70-130)	
RPD_LCS	Mercury	100.667	102.667	UGL	2.0	(0-20)	
RPD_MS	Mercury	101.333	102.000	UGL	0.7	(0-20)	

QC Ref #368084 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05150008	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.08	UGL	102.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(80-120)	
MSD	Perchlorate	25.0	24.8	UGL	99.2	(80-120)	
RPD_LCS	Perchlorate	105.600	102.800	UGL	2.7	(0-15)	
RPD_MS	Perchlorate	97.600	99.200	UGL	1.0	(0-15)	

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QC Ref #368179 Zinc, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05150069	MGL		(0-0)	
LCS1	Zinc, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
LCS2	Zinc, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
MBLK	Zinc, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Zinc, Total, ICAP	0.020	0.0200	MGL	100.0	(50-150)	
MS	Zinc, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)	
MSD	Zinc, Total, ICAP	1.00	1.11	MGL	111.0	(70-130)	

QC Ref #368228 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05150210	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7950	8400	MGL		(0-10)	5.5
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	13	MGL	130.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	96.000	MGL	2.4	(0-20)	

QC Ref #368322 Weak Acid Dissociable Cyanide

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05180064	MGL		(0-0)	
LCS1	Weak Acid Dissociable Cyanide	0.100	0.102	MGL	102.0	(90-110)	
LCS2	Weak Acid Dissociable Cyanide	0.10	0.099	MGL	99.0	(90-110)	
MBLK	Weak Acid Dissociable Cyanide	ND	<0.0050	MGL			
MS	Weak Acid Dissociable Cyanide	0.10	0	MGL	<u>0.0</u>	(85-115)	
MSD	Weak Acid Dissociable Cyanide	0.10	0	MGL	<u>0.0</u>	(85-115)	

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QC Ref #368927

Volatile Organics HSL

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,2-Trichloroethane (1,1,2-T	5.0	4.78	UGL	95.6	(82-117)	
LCS2	1,1,2-Trichloroethane (1,1,2-T	5.0	5.05	UGL	101.0	(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	10.3	UGL	103.0	(82-130)	
RPD_LCS	1,1,2-Trichloroethane (1,1,2-T	95.600	101.000	UGL	5.5	(0-20)	
LCS1	1,1-Dichloroethylene (1,1DCE)	5.0	5.35	UGL	107.0	(81-129)	
LCS2	1,1-Dichloroethylene (1,1DCE)	5.0	5.23	UGL	104.6	(81-129)	
MBLK	1,1-Dichloroethylene (1,1DCE)	ND	<0.5	UGL			
MS	1,1-Dichloroethylene (1,1DCE)	10	9.66	UGL	96.6	(82-140)	
RPD_LCS	1,1-Dichloroethylene (1,1DCE)	107.000	104.600	UGL	2.3	(0-20)	
LCS1	1,1-Dichloroethane	5.0	5.11	UGL	102.2	(85-120)	
LCS2	1,1-Dichloroethane	5.0	4.79	UGL	95.8	(85-120)	
MBLK	1,1-Dichloroethane	ND	<0.5	UGL			
MS	1,1-Dichloroethane	10	9.16	UGL	91.6	(84-133)	
RPD_LCS	1,1-Dichloroethane	102.200	95.800	UGL	6.5	(0-20)	
LCS1	o-Dichlorobenzene (1,2-DCB)	5.0	5.16	UGL	103.2	(88-118)	
LCS2	o-Dichlorobenzene (1,2-DCB)	5.0	4.97	UGL	99.4	(88-118)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND	<0.5	UGL			
MS	o-Dichlorobenzene (1,2-DCB)	10	9.98	UGL	99.8	(85-119)	
RPD_LCS	o-Dichlorobenzene (1,2-DCB)	103.200	99.400	UGL	3.8	(0-20)	
LCS1	1,2-Dichloroethane	5.0	4.72	UGL	94.4	(86-123)	
LCS2	1,2-Dichloroethane	5.0	4.73	UGL	94.6	(86-123)	
MBLK	1,2-Dichloroethane	ND	<0.5	UGL			
MS	1,2-Dichloroethane	10	9.79	UGL	97.9	(81-133)	
RPD_LCS	1,2-Dichloroethane	94.400	94.600	UGL	0.2	(0-20)	
LCS1	1,2-Dichloropropane	5.0	4.87	UGL	97.4	(84-112)	
LCS2	1,2-Dichloropropane	5.0	4.81	UGL	96.2	(84-112)	
MBLK	1,2-Dichloropropane	ND	<0.5	UGL			
MS	1,2-Dichloropropane	10	9.61	UGL	96.1	(83-123)	
RPD_LCS	1,2-Dichloropropane	97.400	96.200	UGL	1.2	(0-20)	
LCS1	m-Dichlorobenzene (1,3-DCB)	5.0	5.09	UGL	101.8	(81-139)	

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LCS2	m-Dichlorobenzene (1,3-DCB)	5.0	5.10	UGL	102.0	(81-139)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND	<0.5	UGL		
MS	m-Dichlorobenzene (1,3-DCB)	10	9.84	UGL	98.4	(82-136)
RPD_LCS	m-Dichlorobenzene (1,3-DCB)	101.800	102.000	UGL	0.2	(0-20)
LCS1	p-Dichlorobenzene (1,4-DCB)	5.0	5.29	UGL	105.8	(83-140)
LCS2	p-Dichlorobenzene (1,4-DCB)	5.0	5.24	UGL	104.8	(83-140)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND	<0.5	UGL		
MS	p-Dichlorobenzene (1,4-DCB)	10	9.81	UGL	98.1	(80-135)
RPD_LCS	p-Dichlorobenzene (1,4-DCB)	105.800	104.800	UGL	0.9	(0-20)
LCS1	2-Butanone (MEK)	50	39.6	UGL	79.2	(71-120)
LCS2	2-Butanone (MEK)	50	38.2	UGL	76.4	(71-120)
MBLK	2-Butanone (MEK)	ND	<10	UGL		
MS	2-Butanone (MEK)	100	86.8	UGL	86.8	(53-126)
RPD_LCS	2-Butanone (MEK)	79.200	76.400	UGL	3.6	(0-20)
LCS1	2-Hexanone	50	47.2	UGL	94.4	(75-115)
LCS2	2-Hexanone	50	46.4	UGL	92.8	(75-115)
MBLK	2-Hexanone	ND	<10	UGL		
MS	2-Hexanone	100	107	UGL	107.0	(58-139)
RPD_LCS	2-Hexanone	94.400	92.800	UGL	1.7	(0-20)
LCS1	4-Methyl-2-Pentanone (MIBK)	50	47.0	UGL	94.0	(76-118)
LCS2	4-Methyl-2-Pentanone (MIBK)	50	46.9	UGL	93.8	(76-118)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND	<10	UGL		
MS	4-Methyl-2-Pentanone (MIBK)	100	107	UGL	107.0	(64-142)
RPD_LCS	4-Methyl-2-Pentanone (MIBK)	94.000	93.800	UGL	0.2	(0-20)
MS	Spiked sample	Lab # 27	05140138	NONE		(0-0)
LCS1	Acetone	50	30.4	UGL	<u>60.8</u>	(61-125)
LCS2	Acetone	50	28.2	UGL	<u>56.4</u>	(61-125)
MBLK	Acetone	ND	<10	UGL		
MS	Acetone	100	57.9	UGL	57.9	(17-132)
RPD_LCS	Acetone	60.800	56.400	UGL	7.5	(0-20)
LCS1	Benzene	5.0	4.88	UGL	97.6	(89-119)
LCS2	Benzene	5.0	4.89	UGL	97.8	(89-119)
MBLK	Benzene	ND	<0.5	UGL		
MS	Benzene	10	9.44	UGL	94.4	(85-131)
RPD_LCS	Benzene	97.600	97.800	UGL	0.2	(0-20)
LCS1	cis-1,2-Dichloroethene	5.0	4.74	UGL	94.8	(85-117)

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LCS2	cis-1,2-Dichloroethene	5.0	4.75	UGL	95.0	(85-117)
MBLK	cis-1,2-Dichloroethene	ND	<0.5	UGL		
MS	cis-1,2-Dichloroethene	10	9.55	UGL	95.5	(85-132)
RPD_LCS	cis-1,2-Dichloroethene	94.800	95.000	UGL	0.2	(0-20)
LCS1	Chlorobenzene	5.0	4.91	UGL	98.2	(88-118)
LCS2	Chlorobenzene	5.0	5.02	UGL	100.4	(88-118)
MBLK	Chlorobenzene	ND	<0.5	UGL		
MS	Chlorobenzene	10	9.79	UGL	97.9	(87-126)
RPD_LCS	Chlorobenzene	98.200	100.400	UGL	2.2	(0-20)
LCS1	cis-1,3-Dichloropropene	5.0	4.44	UGL	88.8	(75-109)
LCS2	cis-1,3-Dichloropropene	5.0	4.52	UGL	90.4	(75-109)
MBLK	cis-1,3-Dichloropropene	ND	<0.5	UGL		
MS	cis-1,3-Dichloropropene	10	8.55	UGL	85.5	(50-133)
RPD_LCS	cis-1,3-Dichloropropene	88.800	90.400	UGL	1.8	(0-20)
LCS1	Bromoform	5.0	4.98	UGL	99.6	(75-129)
LCS2	Bromoform	5.0	4.93	UGL	98.6	(75-129)
MBLK	Bromoform	ND	<0.5	UGL		
MS	Bromoform	10	9.02	UGL	90.2	(68-131)
RPD_LCS	Bromoform	99.600	98.600	UGL	1.0	(0-20)
LCS1	Chloroform (Trichloromethane)	5.0	4.97	UGL	99.4	(85-121)
LCS2	Chloroform (Trichloromethane)	5.0	5.03	UGL	100.6	(85-121)
MBLK	Chloroform (Trichloromethane)	ND	<0.5	UGL		
MS	Chloroform (Trichloromethane)	10	9.57	UGL	95.7	(81-140)
RPD_LCS	Chloroform (Trichloromethane)	99.400	100.600	UGL	1.2	(0-20)
LCS1	Chloroethane	5.0	4.97	UGL	99.4	(76-127)
LCS2	Chloroethane	5.0	4.86	UGL	97.2	(76-127)
MBLK	Chloroethane	ND	<0.5	UGL		
MS	Chloroethane	10	9.47	UGL	94.7	(58-159)
RPD_LCS	Chloroethane	99.400	97.200	UGL	2.2	(0-20)
LCS1	Carbon disulfide	5.0	4.74	UGL	94.8	(73-129)
LCS2	Carbon disulfide	5.0	4.79	UGL	95.8	(73-129)
MBLK	Carbon disulfide	ND	<0.5	UGL		
MS	Carbon disulfide	10	10.2	UGL	102.0	(80-138)
RPD_LCS	Carbon disulfide	94.800	95.800	UGL	1.0	(0-20)
LCS1	Carbon Tetrachloride	5.0	4.81	UGL	96.2	(79-124)
LCS2	Carbon Tetrachloride	5.0	4.82	UGL	96.4	(79-124)

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MBLK	Carbon Tetrachloride	ND	<0.5	UGL		
MS	Carbon Tetrachloride	10	8.98	UGL	89.8	(77-145)
RPD_LCS	Carbon Tetrachloride	96.200	96.400	UGL	0.2	(0-20)
LCS1	Dibromochloromethane	5.0	4.71	UGL	94.2	(79-118)
LCS2	Dibromochloromethane	5.0	4.80	UGL	96.0	(79-118)
MBLK	Dibromochloromethane	ND	<0.5	UGL		
MS	Dibromochloromethane	10	9.40	UGL	94.0	(78-133)
RPD_LCS	Dibromochloromethane	94.200	96.000	UGL	1.9	(0-20)
LCS1	Dichlorobromomethane	5.0	4.63	UGL	92.6	(80-115)
LCS2	Dichlorobromomethane	5.0	4.65	UGL	93.0	(80-115)
MBLK	Dichlorobromomethane	ND	<0.5	UGL		
MS	Dichlorobromomethane	10	9.61	UGL	96.1	(81-132)
RPD_LCS	Dichlorobromomethane	92.600	93.000	UGL	0.4	(0-20)
LCS1	Ethyl benzene	5.0	5.21	UGL	104.2	(83-115)
LCS2	Ethyl benzene	5.0	5.12	UGL	102.4	(83-115)
MBLK	Ethyl benzene	ND	<0.5	UGL		
MS	Ethyl benzene	10	10.1	UGL	101.0	(85-128)
RPD_LCS	Ethyl benzene	104.200	102.400	UGL	1.7	(0-20)
LCS1	Dichlorodifluoromethane	5.0	3.53	UGL	70.6	(63-131)
LCS2	Dichlorodifluoromethane	5.0	3.82	UGL	76.4	(63-131)
MBLK	Dichlorodifluoromethane	ND	<0.5	UGL		
MS	Dichlorodifluoromethane	10	10.8	UGL	106.0	(74-151)
RPD_LCS	Dichlorodifluoromethane	70.600	76.400	UGL	7.9	(0-20)
LCS1	Methyl Bromide	5.0	4.89	UGL	97.8	(58-145)
LCS2	Methyl Bromide	5.0	4.67	UGL	93.4	(58-145)
MBLK	Methyl Bromide	ND	<0.5	UGL		
MS	Methyl Bromide	10	9.41	UGL	94.1	(48-158)
RPD_LCS	Methyl Bromide	97.800	93.400	UGL	4.6	(0-20)
LCS1	Methyl Chloride	5.0	4.27	UGL	85.4	(76-126)
LCS2	Methyl Chloride	5.0	4.23	UGL	84.6	(76-126)
MBLK	Methyl Chloride	ND	<0.5	UGL		
MS	Methyl Chloride	10	9.11	UGL	91.1	(68-141)
RPD_LCS	Methyl Chloride	85.400	84.600	UGL	0.9	(0-20)
LCS1	Methylene Chloride	5.0	5.15	UGL	103.0	(83-123)
LCS2	Methylene Chloride	5.0	5.05	UGL	101.0	(83-123)
MBLK	Methylene Chloride	ND	<3.0	UGL		

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MS	Methylene Chloride	10	9.90	UGL	99.0	(83-134)
RPD_LCS	Methylene Chloride	103.000	101.000	UGL	2.0	(0-20)
LCS1	m,p-Xylenes	10	10.4	UGL	104.0	(89-120)
LCS2	m,p-Xylenes	10	10.4	UGL	104.0	(89-120)
MBLK	m,p-Xylenes	ND	<1.0	UGL		
MS	m,p-Xylenes	20	20.2	UGL	101.0	(85-139)
RPD_LCS	m,p-Xylenes	104.000	104.000	UGL	0.0	(0-20)
LCS1	o-Xylene	5.0	4.75	UGL	95.0	(84-111)
LCS2	o-Xylene	5.0	4.76	UGL	95.2	(84-111)
MBLK	o-Xylene	ND	<0.5	UGL		
MS	o-Xylene	10	9.52	UGL	95.2	(83-132)
RPD_LCS	o-Xylene	95.000	95.200	UGL	0.2	(0-20)
LCS1	1,1,2,2-Tetrachloroethane	5.0	5.17	UGL	103.4	(83-131)
LCS2	1,1,2,2-Tetrachloroethane	5.0	5.15	UGL	103.0	(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	103.400	103.000	UGL	0.4	(0-20)
LCS1	Tetrachloroethylene (PCE)	5.0	5.17	UGL	103.4	(81-132)
LCS2	Tetrachloroethylene (PCE)	5.0	4.96	UGL	99.2	(81-132)
MBLK	Tetrachloroethylene (PCE)	ND	<0.5	UGL		
MS	Tetrachloroethylene (PCE)	10	9.43	UGL	94.3	(83-143)
RPD_LCS	Tetrachloroethylene (PCE)	103.400	99.200	UGL	4.1	(0-20)
LCS1	Styrene	5.0	4.85	UGL	97.0	(83-115)
LCS2	Styrene	5.0	4.84	UGL	96.8	(83-115)
MBLK	Styrene	ND	<0.5	UGL		
MS	Styrene	10	9.19	UGL	91.9	(56-140)
RPD_LCS	Styrene	97.000	96.800	UGL	0.2	(0-20)
LCS1	1,2-dichloroethane-d4	100	96	%R	96.0	(70-130)
LCS2	1,2-dichloroethane-d4	100	96	%R	96.0	(70-130)
MBLK	1,2-dichloroethane-d4	100	105	%R	105.0	
MS	1,2-dichloroethane-d4	100	101	%R	101.0	(70-130)
RPD_LCS	1,2-dichloroethane-d4	96.000	96.000	%R	0.0	(0-20)
LCS1	Toluene-d8	100	102	%R	102.0	(70-130)
LCS2	Toluene-d8	100	104	%R	104.0	(70-130)
MBLK	Toluene-d8	100	98	%R	98.0	
MS	Toluene-d8	100	109	%R	109.0	(70-130)

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RPD_LCS	Toluene-d8	102.000	104.000	%R	1.9	(0-20)
LCS1	4-Bromofluorobenzene	100	105	%R	105.0	(70-130)
LCS2	4-Bromofluorobenzene	100	107	%R	107.0	(70-130)
MBLK	4-Bromofluorobenzene	100	103	%R	103.0	
MS	4-Bromofluorobenzene	100	101	%R	101.0	(70-130)
RPD_LCS	4-Bromofluorobenzene	105.000	107.000	%R	1.9	(0-20)
LCS1	trans-1,2-Dichloroethene	5.0	4.83	UGL	96.6	(84-126)
LCS2	trans-1,2-Dichloroethene	5.0	4.79	UGL	95.8	(84-126)
MBLK	trans-1,2-Dichloroethene	ND	<0.5	UGL		
MS	trans-1,2-Dichloroethene	10	9.07	UGL	90.7	(82-136)
RPD_LCS	trans-1,2-Dichloroethene	96.600	95.800	UGL	0.8	(0-20)
LCS1	1,1,1-Trichloroethane	5.0	5.12	UGL	102.4	(82-121)
LCS2	1,1,1-Trichloroethane	5.0	5.03	UGL	100.6	(82-121)
MBLK	1,1,1-Trichloroethane	ND	<0.5	UGL		
MS	1,1,1-Trichloroethane	10	9.32	UGL	93.2	(84-137)
RPD_LCS	1,1,1-Trichloroethane	102.400	100.600	UGL	1.8	(0-20)
LCS1	Trichloroethylene (TCE)	5.0	4.92	UGL	98.4	(86-120)
LCS2	Trichloroethylene (TCE)	5.0	4.73	UGL	94.6	(86-120)
MBLK	Trichloroethylene (TCE)	ND	<0.5	UGL		
MS	Trichloroethylene (TCE)	10	9.31	UGL	93.1	(86-130)
RPD_LCS	Trichloroethylene (TCE)	98.400	94.600	UGL	3.9	(0-20)
LCS1	Trichlorofluoromethane	5.0	4.11	UGL	82.2	(76-133)
LCS2	Trichlorofluoromethane	5.0	4.07	UGL	81.4	(76-133)
MBLK	Trichlorofluoromethane	ND	<0.5	UGL		
MS	Trichlorofluoromethane	10	8.81	UGL	88.1	(75-153)
RPD_LCS	Trichlorofluoromethane	82.200	81.400	UGL	1.0	(0-20)
LCS1	trans-1,3-Dichloropropene	5.0	4.44	UGL	88.8	(71-114)
LCS2	trans-1,3-Dichloropropene	5.0	4.52	UGL	90.4	(71-114)
MBLK	trans-1,3-Dichloropropene	ND	<0.5	UGL		
MS	trans-1,3-Dichloropropene	10	8.80	UGL	88.0	(45-141)
RPD_LCS	trans-1,3-Dichloropropene	88.800	90.400	UGL	1.8	(0-20)
LCS1	Tetrahydrofuran	50	40.8	UGL	81.6	(79-121)
LCS2	Tetrahydrofuran	50	40.1	UGL	80.2	(79-121)
MBLK	Tetrahydrofuran	ND	<10	UGL		
MS	Tetrahydrofuran	100	90.2	UGL	90.2	(66-134)
RPD_LCS	Tetrahydrofuran	81.600	80.200	UGL	1.7	(0-20)

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LCS1	Toluene	5.0	5.03	UGL	100.6	(88-118)
LCS2	Toluene	5.0	5.10	UGL	102.0	(88-118)
MBLK	Toluene	ND	<0.5	UGL		
MS	Toluene	10	9.91	UGL	99.1	(87-128)
RPD_LCS	Toluene	100.600	102.000	UGL	1.4	(0-20)
LCS1	Vinyl Chloride (VC)	5.0	4.39	UGL	87.8	(72-125)
LCS2	Vinyl Chloride (VC)	5.0	4.42	UGL	88.4	(72-125)
MBLK	Vinyl Chloride (VC)	ND	<0.5	UGL		
MS	Vinyl Chloride (VC)	10	9.16	UGL	91.6	(79-137)
RPD_LCS	Vinyl Chloride (VC)	87.800	88.400	UGL	0.7	(0-20)
LCS1	Vinyl Acetate	25	25.0	UGL	100.0	(61-125)
LCS2	Vinyl Acetate	25	24.9	UGL	99.6	(61-125)
MBLK	Vinyl Acetate	ND	<10	UGL		
MS	Vinyl Acetate	50	42.5	UGL	85.0	(40-142)
RPD_LCS	Vinyl Acetate	100.000	99.600	UGL	0.4	(0-20)

QC Ref #369519

Copper, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Copper, Total, ICAP/MS	100	93.0	UGL	93.0	(85-115)	
LCS2	Copper, Total, ICAP/MS	100	95.9	UGL	95.9	(85-115)	
MBLK	Copper, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Copper, Total, ICAP/MS	2.000	1.96	UGL	98.0	(50-150)	
MS	Copper, Total, ICAP/MS	100	90.2	UGL	90.2	(70-130)	
MSD	Copper, Total, ICAP/MS	100	89.3	UGL	89.3	(70-130)	
RPD_LCS	Copper, Total, ICAP/MS	93.000	95.900	UGL	3.1	(0-20)	
RPD_MS	Copper, Total, ICAP/MS	90.200	89.300	UGL	1.0	(0-20)	

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Tronox LLC - Henderson
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QC Ref #369521 Arsenic, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Arsenic, Total, ICAP/MS	20	19.2	UGL	96.0	(85-115)	
LCS2	Arsenic, Total, ICAP/MS	20	20.0	UGL	100.0	(85-115)	
MBLK	Arsenic, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Arsenic, Total, ICAP/MS	1.000	1.06	UGL	106.0	(50-150)	
MS	Arsenic, Total, ICAP/MS	20	20.6	UGL	103.0	(70-130)	
MSD	Arsenic, Total, ICAP/MS	20	20.5	UGL	102.5	(70-130)	
RPD_LCS	Arsenic, Total, ICAP/MS	96.000	100.000	UGL	4.1	(0-20)	
RPD_MS	Arsenic, Total, ICAP/MS	103.000	102.500	UGL	0.5	(0-20)	

QC Ref #369523 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110541	UGL		(0-0)	
LCS1	Lead, Total, ICAP/MS	20	18.4	UGL	92.0	(85-115)	
LCS2	Lead, Total, ICAP/MS	20	19.8	UGL	99.0	(85-115)	
MBLK	Lead, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Lead, Total, ICAP/MS	0.500	0.566	UGL	113.2	(50-150)	
MS	Lead, Total, ICAP/MS	20	18.9	UGL	94.5	(70-130)	
MSD	Lead, Total, ICAP/MS	20	18.9	UGL	94.5	(70-130)	
RPD_LCS	Lead, Total, ICAP/MS	92.000	99.000	UGL	7.3	(0-20)	
RPD_MS	Lead, Total, ICAP/MS	94.500	94.500	UGL	0.0	(0-20)	

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