



MWH Laboratories

A Division of MWH Americas, Inc.

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

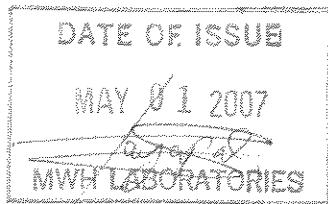
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 201106
Project: CLO4
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 29 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

M Monthly
Week 1

SO# 34918 12996 RS

Sampler: Please Return this Paper with your samples

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

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

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

ATTN: Susan Crowley
PHONE: 702-651-2234

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

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

of Samples Tests

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comment
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, tl-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)



Prepared By

Tracking Number

Carrier

Date Shipped

Status

activeCode

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#: 201106
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **04/10/07**. 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		
2704100341	STABILIZED WATER		Water	09-apr-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
	PB-MS	PH	SB-MS	SE-MS	SO4	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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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 IC
OH	Hydroxide as OH, Calculated
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
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
#201106

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: _____



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Laboratory
 Hits Report
 #201106

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

Samples Received
 10-apr-2007 15:49:25

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2704100341	STABILIZED WATER				
04/11/07		Alkalinity in CaCO3 units	140		mg/l	2.0
04/13/07		Anion Sum - Calculated	11		meq/l	0.0050
04/10/07		Arsenic, Total, ICAP/MS	2.9	10	ug/l	1.0
04/10/07		Barium, Total, ICAP/MS	150	2000	ug/l	2.0
04/13/07		Bicarb.Alkalinity as HCO3,calc	170		mg/l	2.0
04/10/07		Boron, Total, ICAP	0.16		mg/l	0.050
04/10/07		Calcium, Total, ICAP	83		mg/l	1.0
04/12/07		Cation Sum - Calculated	12		meq/l	0.0010
04/10/07		Chloride	95	250	mg/l	5.0
04/12/07		Fluoride	0.37	4	mg/l	0.050
04/10/07		Iron, Total, ICAP	0.067	0.3	mg/l	0.020
04/10/07		Magnesium, Total, ICAP	32		mg/l	0.10
04/10/07		Nitrate as Nitrogen by IC	0.72	10	mg/l	0.50
04/11/07		PH (H3=past HT, not compliant)	8.1	6.5-8.5	Units	0.0010
04/20/07		Perchlorate	5.0		ug/l	4.0
04/10/07		Potassium, Total, ICAP	5.4		mg/l	1.0
04/10/07		Sodium, Total, ICAP	110		mg/l	1.0
04/12/07		Specific Conductance	1063		umho/cm	2.0
04/10/07		Sulfate	270	250	mg/l	2.5
04/11/07		Total Dissolved Solid (TDS)	678	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Data Report
 #201106

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

Samples Received
 04/10/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
STABILIZED WATER (2704100341)				Sampled on 04/09/07 10:00				
	04/10/07 17:15	361189	(ML/EPA 200.8)	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
	04/10/07 17:15	361203	(ML/EPA 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	20	1
	04/11/07 12:07	361583	(SM2320E/ 310.1)	Alkalinity in CaCO3 units	140	mg/l	2.0	1
	04/13/07 11:21	361704	(ML/SM1030E)	Anion Sum - Calculated	11	meq/l	0.0050	5
	04/10/07 17:15	361183	(ML/EPA 200.8)	Arsenic, Total, ICAP/MS	2.9	ug/l	1.0	1
	04/10/07 22:50	361152	(ML/EPA 200.7)	Boron, Total, ICAP	0.16	mg/l	0.050	1
	04/10/07 17:15	361196	(ML/EPA 200.8)	Barium, Total, ICAP/MS	150	ug/l	2.0	1
	04/10/07 17:15	361182	(ML/EPA 200.8)	Beryllium, Total, ICAP/MS	ND	ug/l	1.0	1
	04/10/07 22:50	361154	(ML/EPA 200.7)	Calcium, Total, ICAP	83	mg/l	1.0	1
	04/12/07 17:16	361577	(ML/SM1030E)	Cation Sum - Calculated	12	meq/l	0.0010	1
	04/10/07 17:15	361191	(ML/EPA 200.8)	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
	04/10/07 18:15	361442	(ML/EPA 300.0)	Chloride	95	mg/l	5.0	5
	04/20/07 00:01	362791	(EPA 314)	Perchlorate	5.0	ug/l	4.0	1
	04/13/07 11:21	361704	(SM2330B)	Carbonate as CO3, Calculated	ND	mg/l	2.0	1
	04/10/07 17:15	361207	(ML/EPA 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	1.0	1
	04/10/07 17:15	361178	(ML/EPA 200.8)	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	04/12/07 15:10	361911	(2510E/ SW9050)	Specific Conductance	1063	umho/cm	2.0	1
	04/12/07 00:00	361706	(SM 4500F-C)	Fluoride	0.37	mg/l	0.050	1
	04/10/07 22:50	361158	(ML/EPA 200.7)	Iron, Total, ICAP	0.067	mg/l	0.020	1
	04/13/07 11:21	361704	(SM2330B)	Bicarb.Alkalinity as HCO3,calc	170	mg/l	2.0	1
	04/16/07 00:01	362012	(ML/EPA 245.1)	Mercury	ND	ug/l	0.20	1
	04/10/07 22:50	361144	(ML/EPA 200.7)	Potassium, Total, ICAP	5.4	mg/l	1.0	1
	04/10/07 22:50	361146	(ML/EPA 200.7)	Magnesium, Total, ICAP	32	mg/l	0.10	1
	04/10/07 17:15	361172	(ML/EPA 200.8)	Manganese, Total, ICAP/MS	ND	ug/l	2.0	1
	04/10/07 22:50	361150	(ML/EPA 200.7)	Sodium, Total, ICAP	110	mg/l	1.0	1
	04/10/07 17:15	361176	(ML/EPA 200.8)	Nickel, Total, ICAP/MS	ND	ug/l	5.0	1
	04/10/07 18:15	361449	(ML/EPA 300.0)	Nitrate as Nitrogen by IC	0.72	mg/l	0.50	5
	04/13/07 11:21	361704	(SM2330B)	Hydroxide as OH, Calculated	ND	mg/l	2.0	1
	04/10/07 17:15	361200	(ML/EPA 200.8)	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
	04/11/07 00:00	361474	(SM4500-HB)	PH (H3=past HT, not compliant)	8.1	Units	0.0010	1
	04/10/07 17:15	361194	(ML/EPA 200.8)	Antimony, Total, ICAP/MS	ND	ug/l	1.0	1
	04/10/07 17:15	361185	(ML/EPA 200.8)	Selenium, Total, ICAP/MS	ND	ug/l	5.0	1

Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	04/10/07 18:15	361443	(ML/EPA 300.0)	Sulfate	270	mg/l	2.5	5
04/11/07	04/11/07 12:11	361581	(SM 2540C)	Total Dissolved Solid (TDS)	678	mg/l	1.0	1
	04/10/07 17:15	361198	(ML/EPA 200.8)	Thallium, Total, ICAP/MS	ND	ug/l	1.0	1
04/17/07	04/17/07 14:26	362223	(SM4500CN-I)	Weak Acid Dissociable Cyanide	ND	mg/l	0.0050	1
	04/10/07 22:50	361895	(EPA/ML 200.7)	Zinc, Total, ICAP	ND	mg/l	0.020	1

Volatile Organics HSL

	04/18/07 17:15	362534	(ML 624)	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	1,1-Dichloroethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	1,2-Dichloroethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	1,2-Dichloropropane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	2-Butanone (MEK)	ND	ug/l	10	1
	04/18/07 17:15	362534	(ML 624)	2-Hexanone	ND	ug/l	10	1
	04/18/07 17:15	362534	(ML 624)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/18/07 17:15	362534	(ML 624)	Acetone	ND	ug/l	10	1
	04/18/07 17:15	362534	(ML 624)	Acrolein (Screen)	ND	ug/l	50	1
	04/18/07 17:15	362534	(ML 624)	Acrylonitrile (Screen)	ND	ug/l	50	1
	04/18/07 17:15	362534	(ML 624)	Benzene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	cis-1,2-Dichloroethene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Chlorobenzene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	cis-1,3-Dichloropropene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Bromoform	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Chloroform (Trichloromethane)	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Chloroethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Carbon disulfide	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Carbon Tetrachloride	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Dibromochloromethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Dichlorobromomethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Ethyl benzene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Dichlorodifluoromethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Methyl Bromide	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624)	Methyl Chloride	ND	ug/l	0.5	1



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Laboratory
Data Report
#201106

Tronox LLC - Henderson (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	04/18/07 17:15	362534	(ML 624	) Methylene Chloride	ND	ug/l	3.0	1
	04/18/07 17:15	362534	(ML 624	) m,p-Xylenes	ND	ug/l	1.0	1
	04/18/07 17:15	362534	(ML 624	) o-Xylene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) Tetrachloroethylene (PCE)	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) Styrene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) trans-1,2-Dichloroethene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) 1,1,1-Trichloroethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) Trichloroethylene (TCE)	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) Trichlorofluoromethane	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) trans-1,3-Dichloropropene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) Tetrahydrofuran	ND	ug/l	10	1
	04/18/07 17:15	362534	(ML 624	) Toluene	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) Vinyl Chloride (VC)	ND	ug/l	0.5	1
	04/18/07 17:15	362534	(ML 624	) Vinyl Acetate	ND	ug/l	10	1
			(ML 624) 1,2-Dichloroethane-d4(80-120)	102	% Rec		
			(ML 624) 4-Bromofluorobenzene(86-115)	88	% Rec		
			(ML 624) Toluene-d8(88-110)	96	% Rec		



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Laboratory
QC Summary
#201106

Tronox LLC - Henderson

QC Ref #361144	- Potassium, Total, ICAP	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: wbh
QC Ref #361146	- Magnesium, Total, ICAP	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: wbh
QC Ref #361150	- Sodium, Total, ICAP	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: wbh
QC Ref #361152	- Boron, Total, ICAP	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: wbh
QC Ref #361154	- Calcium, Total, ICAP	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: wbh
QC Ref #361158	- Iron, Total, ICAP	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: wbh
QC Ref #361172	- Manganese, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361176	- Nickel, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn



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QC Summary
#201106

Tronox LLC - Henderson
(continued)

QC Ref #361178	- Copper, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361182	- Beryllium, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361183	- Arsenic, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361185	- Selenium, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361189	- Silver, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361191	- Cadmium, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361194	- Antimony, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361196	- Barium, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn



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#201106

Tronox LLC - Henderson
(continued)

QC Ref #361198	- Thallium, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361200	- Lead, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361203	- Aluminum, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361207	- Chromium, Total, ICAP/MS	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361442	- Chloride	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: jkz
QC Ref #361443	- Sulfate	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: jkz
QC Ref #361449	- Nitrate as Nitrogen by IC	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: jkz
QC Ref #361474	- PH (H3=past HT, not compliant)	Analysis Date: 04/11/2007
2704100341	STABILIZED WATER	Analyzed by: dtn



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QC Summary
#201106

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QC Ref #361577	- Cation Sum - Calculated	Analysis Date: 04/12/2007
2704100341	STABILIZED WATER	Analyzed by: dwr
QC Ref #361581	- Total Dissolved Solid (TDS)	Analysis Date: 04/11/2007
2704100341	STABILIZED WATER	Analyzed by: anh
QC Ref #361583	- Alkalinity in CaCO3 units	Analysis Date: 04/11/2007
2704100341	STABILIZED WATER	Analyzed by: maria
QC Ref #361704	- Anion Sum - Calculated	Analysis Date: 04/13/2007
2704100341	STABILIZED WATER	Analyzed by: dwr
2704100341	STABILIZED WATER	Analyzed by: dwr
2704100341	STABILIZED WATER	Analyzed by: dwr
2704100341	STABILIZED WATER	Analyzed by: dwr
2704100341	STABILIZED WATER	Analyzed by: dwr
QC Ref #361706	- Fluoride	Analysis Date: 04/12/2007
2704100341	STABILIZED WATER	Analyzed by: dtn
QC Ref #361895	- Zinc, Total, ICAP	Analysis Date: 04/10/2007
2704100341	STABILIZED WATER	Analyzed by: wbh
QC Ref #361911	- Specific Conductance	Analysis Date: 04/12/2007
2704100341	STABILIZED WATER	Analyzed by: bxr



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QC Ref #362012 - Mercury		Analysis Date: 04/16/2007
2704100341	STABILIZED WATER	Analyzed by: dyh
QC Ref #362223 - Weak Acid Dissociable Cyanide		Analysis Date: 04/17/2007
2704100341	STABILIZED WATER	Analyzed by: nina
QC Ref #362534 - Volatile Organics HSL		Analysis Date: 04/18/2007
2704100341	STABILIZED WATER	Analyzed by: kcp
QC Ref #362791 - Perchlorate		Analysis Date: 04/20/2007
2704100341	STABILIZED WATER	Analyzed by: raja



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QC Ref #361144 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Total, ICAP	20	19.7	MGL	98.5	(85-115)	
LCS2	Potassium, Total, ICAP	20	19.9	MGL	99.5	(85-115)	
MBLK	Potassium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Potassium, Total, ICAP	1.000	1.02	MGL	102.0	(50-150)	
MS	Potassium, Total, ICAP	20	20.1	MGL	100.5	(70-130)	
MS2	Potassium, Total, ICAP	20	20.0	MGL	100.0	(70-130)	
MSD	Potassium, Total, ICAP	20	19.3	MGL	96.5	(70-130)	
MSD2	Potassium, Total, ICAP	20	20.0	MGL	100.0	(70-130)	
RPD_LCS	Potassium, Total, ICAP	98.500	99.500	MGL	1.0	(0-20)	
RPD_MS	Potassium, Total, ICAP	100.500	96.500	MGL	4.1	(0-20)	

QC Ref #361146 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Total, ICAP	20	21.2	MGL	106.0	(85-115)	
LCS2	Magnesium, Total, ICAP	20	21.2	MGL	106.0	(85-115)	
MBLK	Magnesium, Total, ICAP	ND	<0.10	MGL			
MRL_CHK	Magnesium, Total, ICAP	0.100	0.109	MGL	109.0	(50-150)	
MS	Magnesium, Total, ICAP	20	20.3	MGL	101.5	(70-130)	
MS2	Magnesium, Total, ICAP	20	19.3	MGL	96.5	(70-130)	
MSD	Magnesium, Total, ICAP	20	19.4	MGL	97.0	(70-130)	
MSD2	Magnesium, Total, ICAP	20	19.5	MGL	97.5	(70-130)	
RPD_LCS	Magnesium, Total, ICAP	106.000	106.000	MGL	0.0	(0-20)	
RPD_MS	Magnesium, Total, ICAP	101.500	97.000	MGL	4.5	(0-20)	

QC Ref #361150 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Total, ICAP	50	50.8	MGL	101.6	(85-115)	
LCS2	Sodium, Total, ICAP	50	51.7	MGL	103.4	(85-115)	
MBLK	Sodium, Total, ICAP	ND	<1.0	MGL			

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MRL_CHK	Analyte	1.000	1.00	MGL	100.0	(50-150)
MS	Sodium, Total, ICAP	50	49.4	MGL	98.8	(70-130)
MS2	Sodium, Total, ICAP	50	49.2	MGL	98.4	(70-130)
MSD	Sodium, Total, ICAP	50	47.3	MGL	94.6	(70-130)
MSD2	Sodium, Total, ICAP	50	49.8	MGL	99.6	(70-130)
RPD_LCS	Sodium, Total, ICAP	101.600	103.400	MGL	1.8	(0-20)
RPD_MS	Sodium, Total, ICAP	98.800	94.600	MGL	4.3	(0-20)

QC Ref #361152 Boron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Boron, Total, ICAP	0.5	0.490	MGL	98.0	(85-115)	
LCS2	Boron, Total, ICAP	0.5	0.495	MGL	99.0	(85-115)	
MBLK	Boron, Total, ICAP	ND	<0.050	MGL			
MRL_CHK	Boron, Total, ICAP	0.050	0.0593	MGL	118.6	(50-150)	
MS	Boron, Total, ICAP	0.5	0.510	MGL	102.0	(70-130)	
MS2	Boron, Total, ICAP	0.5	0.483	MGL	96.6	(70-130)	
MSD	Boron, Total, ICAP	0.5	0.509	MGL	101.8	(70-130)	
MSD2	Boron, Total, ICAP	0.5	0.485	MGL	97.0	(70-130)	
RPD_LCS	Boron, Total, ICAP	98.000	99.000	MGL	1.0	(0-20)	
RPD_MS	Boron, Total, ICAP	102.000	101.800	MGL	0.2	(0-20)	

QC Ref #361154 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Total, ICAP	50	50.9	MGL	101.8	(85-115)	
LCS2	Calcium, Total, ICAP	50	51.7	MGL	103.4	(85-115)	
MBLK	Calcium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Calcium, Total, ICAP	1.000	1.04	MGL	104.0	(50-150)	
MS	Calcium, Total, ICAP	50	48.8	MGL	97.6	(70-130)	
MS2	Calcium, Total, ICAP	50	45.7	MGL	91.4	(70-130)	
MSD	Calcium, Total, ICAP	50	47.6	MGL	95.2	(70-130)	
MSD2	Calcium, Total, ICAP	50	46.9	MGL	93.8	(70-130)	
RPD_LCS	Calcium, Total, ICAP	101.800	103.400	MGL	1.6	(0-20)	

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RPD_MS	Calcium, Total, ICAP	97.600	95.200	MGL	2.5	(0-20)
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QC Ref #361158 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP	5.0	5.10	MGL	102.0	(85-115)	
LCS2	Iron, Total, ICAP	5.0	5.02	MGL	100.4	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Iron, Total, ICAP	0.020	0.0216	MGL	108.0	(50-150)	
MS	Iron, Total, ICAP	5.0	5.20	MGL	104.0	(70-130)	
MS2	Iron, Total, ICAP	5.0	5.08	MGL	101.6	(70-130)	
MSD	Iron, Total, ICAP	5.0	5.07	MGL	101.4	(70-130)	
MSD2	Iron, Total, ICAP	5.0	5.10	MGL	102.0	(70-130)	
RPD_LCS	Iron, Total, ICAP	102.000	100.400	MGL	1.6	(0-20)	
RPD_MS	Iron, Total, ICAP	104.000	101.400	MGL	2.5	(0-20)	

QC Ref #361172 Manganese, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Manganese, Total, ICAP/MS	50	49.0	UGL	98.0	(85-115)	
LCS2	Manganese, Total, ICAP/MS	50	48.9	UGL	97.8	(85-115)	
MBLK	Manganese, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Manganese, Total, ICAP/MS	2.000	2.00	UGL	100.0	(50-150)	
MS	Manganese, Total, ICAP/MS	50	44.3	UGL	88.6	(70-130)	
MS2	Manganese, Total, ICAP/MS	50	43.6	UGL	87.2	(70-130)	
MSD	Manganese, Total, ICAP/MS	50	43.4	UGL	86.8	(70-130)	
MSD2	Manganese, Total, ICAP/MS	50	44.1	UGL	88.2	(70-130)	
RPD_LCS	Manganese, Total, ICAP/MS	98.000	97.800	UGL	0.2	(0-20)	
RPD_MS	Manganese, Total, ICAP/MS	88.600	86.800	UGL	2.1	(0-20)	

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QC Ref #361176 Nickel, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Nickel, Total, ICAP/MS	50	47.2	UGL	94.4	(85-115)	
LCS2	Nickel, Total, ICAP/MS	50	47.1	UGL	94.2	(85-115)	
MBLK	Nickel, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Nickel, Total, ICAP/MS	5.000	4.97	UGL	99.4	(50-150)	
MS	Nickel, Total, ICAP/MS	50	43.7	UGL	87.4	(70-130)	
MS2	Nickel, Total, ICAP/MS	50	42.7	UGL	85.4	(70-130)	
MSD	Nickel, Total, ICAP/MS	50	42.6	UGL	85.2	(70-130)	
MSD2	Nickel, Total, ICAP/MS	50	43.0	UGL	86.0	(70-130)	
RPD_LCS	Nickel, Total, ICAP/MS	94.400	94.200	UGL	0.2	(0-20)	
RPD_MS	Nickel, Total, ICAP/MS	87.400	85.200	UGL	2.5	(0-20)	

QC Ref #361178 Copper, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Copper, Total, ICAP/MS	100	96.1	UGL	96.1	(85-115)	
LCS2	Copper, Total, ICAP/MS	100	95.3	UGL	95.3	(85-115)	
MBLK	Copper, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Copper, Total, ICAP/MS	2.000	2.04	UGL	102.0	(50-150)	
MS	Copper, Total, ICAP/MS	100	87.9	UGL	87.9	(70-130)	
MS2	Copper, Total, ICAP/MS	100	84.5	UGL	84.5	(70-130)	
MSD	Copper, Total, ICAP/MS	100	86.5	UGL	86.5	(70-130)	
MSD2	Copper, Total, ICAP/MS	100	85.2	UGL	85.2	(70-130)	
RPD_LCS	Copper, Total, ICAP/MS	96.100	95.300	UGL	0.8	(0-20)	
RPD_MS	Copper, Total, ICAP/MS	87.900	86.500	UGL	1.6	(0-20)	

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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QC Ref #361182 Beryllium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Beryllium, Total, ICAP/MS	5.00	4.97	UGL	99.4	(85-115)	
LCS2	Beryllium, Total, ICAP/MS	5.00	4.95	UGL	99.0	(85-115)	
MBLK	Beryllium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Beryllium, Total, ICAP/MS	1.000	1.01	UGL	101.0	(50-150)	
MS	Beryllium, Total, ICAP/MS	5.00	5.21	UGL	104.2	(70-130)	
MS2	Beryllium, Total, ICAP/MS	5.00	5.16	UGL	103.2	(70-130)	
MSD	Beryllium, Total, ICAP/MS	5.00	5.20	UGL	104.0	(70-130)	
MSD2	Beryllium, Total, ICAP/MS	5.00	5.06	UGL	101.2	(70-130)	
RPD_LCS	Beryllium, Total, ICAP/MS	99.400	99.000	UGL	0.4	(0-20)	
RPD_MS	Beryllium, Total, ICAP/MS	104.200	104.000	UGL	0.2	(0-20)	

QC Ref #361183 Arsenic, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Arsenic, Total, ICAP/MS	20	19.9	UGL	99.5	(85-115)	
LCS2	Arsenic, Total, ICAP/MS	20	19.9	UGL	99.5	(85-115)	
MBLK	Arsenic, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Arsenic, Total, ICAP/MS	1.000	1.00	UGL	100.0	(50-150)	
MS	Arsenic, Total, ICAP/MS	20	21.9	UGL	109.5	(70-130)	
MS2	Arsenic, Total, ICAP/MS	20	21.5	UGL	107.5	(70-130)	
MSD	Arsenic, Total, ICAP/MS	20	21.3	UGL	106.5	(70-130)	
MSD2	Arsenic, Total, ICAP/MS	20	21.8	UGL	109.0	(70-130)	
RPD_LCS	Arsenic, Total, ICAP/MS	99.500	99.500	UGL	0.0	(0-20)	
RPD_MS	Arsenic, Total, ICAP/MS	109.500	106.500	UGL	2.8	(0-20)	

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Tronox LLC - Henderson
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QC Ref #361185 Selenium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Selenium, Total, ICAP/MS	20	20.5	UGL	102.5	(85-115)	
LCS2	Selenium, Total, ICAP/MS	20	20.6	UGL	103.0	(85-115)	
MBLK	Selenium, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Selenium, Total, ICAP/MS	5.000	5.06	UGL	101.2	(50-150)	
MS	Selenium, Total, ICAP/MS	20	24.6	UGL	123.0	(70-130)	
MS2	Selenium, Total, ICAP/MS	20	24.6	UGL	123.0	(70-130)	
MSD	Selenium, Total, ICAP/MS	20	23.8	UGL	119.0	(70-130)	
MSD2	Selenium, Total, ICAP/MS	20	24.4	UGL	122.0	(70-130)	
RPD_LCS	Selenium, Total, ICAP/MS	102.500	103.000	UGL	0.5	(0-20)	
RPD_MS	Selenium, Total, ICAP/MS	123.000	119.000	UGL	3.3	(0-20)	

QC Ref #361189 Silver, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Silver, Total, ICAP/MS	50	47.8	UGL	95.6	(85-115)	
LCS2	Silver, Total, ICAP/MS	50	47.4	UGL	94.8	(85-115)	
MBLK	Silver, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Silver, Total, ICAP/MS	0.500	0.574	UGL	114.8	(50-150)	
MS	Silver, Total, ICAP/MS	50	46.8	UGL	93.6	(70-130)	
MS2	Silver, Total, ICAP/MS	50	45.5	UGL	91.0	(70-130)	
MSD	Silver, Total, ICAP/MS	50	46.4	UGL	92.8	(70-130)	
MSD2	Silver, Total, ICAP/MS	50	45.7	UGL	91.4	(70-130)	
RPD_LCS	Silver, Total, ICAP/MS	95.600	94.800	UGL	0.8	(0-20)	
RPD_MS	Silver, Total, ICAP/MS	93.600	92.800	UGL	0.9	(0-20)	

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QC Ref #361191 Cadmium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Cadmium, Total, ICAP/MS	20	20.0	UGL	100.0	(85-115)	
LCS2	Cadmium, Total, ICAP/MS	20	20.0	UGL	100.0	(85-115)	
MBLK	Cadmium, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Cadmium, Total, ICAP/MS	0.500	0.522	UGL	104.4	(50-150)	
MS	Cadmium, Total, ICAP/MS	20	20.5	UGL	102.5	(70-130)	
MS2	Cadmium, Total, ICAP/MS	20	19.3	UGL	96.5	(70-130)	
MSD	Cadmium, Total, ICAP/MS	20	20.1	UGL	100.5	(70-130)	
MSD2	Cadmium, Total, ICAP/MS	20	19.4	UGL	97.0	(70-130)	
RPD_LCS	Cadmium, Total, ICAP/MS	100.000	100.000	UGL	0.0	(0-20)	
RPD_MS	Cadmium, Total, ICAP/MS	102.500	100.500	UGL	2.0	(0-20)	

QC Ref #361194 Antimony, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Antimony, Total, ICAP/MS	50	49.9	UGL	99.8	(85-115)	
LCS2	Antimony, Total, ICAP/MS	50	49.8	UGL	99.6	(85-115)	
MBLK	Antimony, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Antimony, Total, ICAP/MS	1.000	1.03	UGL	103.0	(50-150)	
MS	Antimony, Total, ICAP/MS	50	52.1	UGL	104.2	(70-130)	
MS2	Antimony, Total, ICAP/MS	50	50.7	UGL	101.4	(70-130)	
MSD	Antimony, Total, ICAP/MS	50	51.0	UGL	102.0	(70-130)	
MSD2	Antimony, Total, ICAP/MS	50	50.8	UGL	101.6	(70-130)	
RPD_LCS	Antimony, Total, ICAP/MS	99.800	99.600	UGL	0.2	(0-20)	
RPD_MS	Antimony, Total, ICAP/MS	104.200	102.000	UGL	2.1	(0-20)	

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.

Tronox LLC - Henderson
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QC Ref #361196
Barium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Barium, Total, ICAP/MS	100	98.0	UGL	98.0	(85-115)	
LCS2	Barium, Total, ICAP/MS	100	97.5	UGL	97.5	(85-115)	
MBLK	Barium, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Barium, Total, ICAP/MS	2.000	2.09	UGL	104.5	(50-150)	
MS	Barium, Total, ICAP/MS	100	96.1	UGL	96.1	(70-130)	
MS2	Barium, Total, ICAP/MS	100	88.9	UGL	88.9	(70-130)	
MSD	Barium, Total, ICAP/MS	100	94.0	UGL	94.0	(70-130)	
MSD2	Barium, Total, ICAP/MS	100	90.0	UGL	90.0	(70-130)	
RPD_LCS	Barium, Total, ICAP/MS	98.000	97.500	UGL	0.5	(0-20)	
RPD_MS	Barium, Total, ICAP/MS	96.100	94.000	UGL	2.2	(0-20)	

QC Ref #361198
Thallium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Thallium, Total, ICAP/MS	20.0	20.8	UGL	104.0	(85-115)	
LCS2	Thallium, Total, ICAP/MS	20.0	20.6	UGL	103.0	(85-115)	
MBLK	Thallium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Thallium, Total, ICAP/MS	1.000	1.07	UGL	107.0	(50-150)	
MS	Thallium, Total, ICAP/MS	20.0	18.9	UGL	94.5	(70-130)	
MS2	Thallium, Total, ICAP/MS	20.0	18.0	UGL	90.0	(70-130)	
MSD	Thallium, Total, ICAP/MS	20.0	18.5	UGL	92.5	(70-130)	
MSD2	Thallium, Total, ICAP/MS	20.0	18.2	UGL	91.0	(70-130)	
RPD_LCS	Thallium, Total, ICAP/MS	104.000	103.000	UGL	1.0	(0-20)	
RPD_MS	Thallium, Total, ICAP/MS	94.500	92.500	UGL	2.1	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #361200 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Lead, Total, ICAP/MS	20	20.4	UGL	102.0	(85-115)	
LCS2	Lead, Total, ICAP/MS	20	20.2	UGL	101.0	(85-115)	
MBLK	Lead, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Lead, Total, ICAP/MS	0.500	0.530	UGL	106.0	(50-150)	
MS	Lead, Total, ICAP/MS	20	18.5	UGL	92.5	(70-130)	
MS2	Lead, Total, ICAP/MS	20	17.5	UGL	87.5	(70-130)	
MSD	Lead, Total, ICAP/MS	20	18.1	UGL	90.5	(70-130)	
MSD2	Lead, Total, ICAP/MS	20	17.8	UGL	89.0	(70-130)	
RPD_LCS	Lead, Total, ICAP/MS	102.000	101.000	UGL	1.0	(0-20)	
RPD_MS	Lead, Total, ICAP/MS	92.500	90.500	UGL	2.2	(0-20)	

QC Ref #361203 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Aluminum, Total, ICAP/MS	200	204	UGL	102.0	(85-115)	
LCS2	Aluminum, Total, ICAP/MS	200	204	UGL	102.0	(85-115)	
MBLK	Aluminum, Total, ICAP/MS	ND	<20	UGL			
MRL_CHK	Aluminum, Total, ICAP/MS	25.000	20.7	UGL	82.8	(50-150)	
MS	Aluminum, Total, ICAP/MS	200	186	UGL	93.0	(70-130)	
MS2	Aluminum, Total, ICAP/MS	200	183	UGL	91.5	(70-130)	
MSD	Aluminum, Total, ICAP/MS	200	180	UGL	90.0	(70-130)	
MSD2	Aluminum, Total, ICAP/MS	200	185	UGL	92.5	(70-130)	
RPD_LCS	Aluminum, Total, ICAP/MS	102.000	102.000	UGL	0.0	(0-20)	
RPD_MS	Aluminum, Total, ICAP/MS	93.000	90.000	UGL	3.3	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #361207

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100067	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	04100455	UGL		(0-0)	
LCS1	Chromium, Total, ICAP/MS	100	95.4	UGL	95.4	(85-115)	
LCS2	Chromium, Total, ICAP/MS	100	94.6	UGL	94.6	(85-115)	
MBLK	Chromium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Chromium, Total, ICAP/MS	1.000	1.01	UGL	101.0	(50-150)	
MS	Chromium, Total, ICAP/MS	100	87.7	UGL	87.7	(70-130)	
MS2	Chromium, Total, ICAP/MS	100	88.2	UGL	88.2	(70-130)	
MSD	Chromium, Total, ICAP/MS	100	85.8	UGL	85.8	(70-130)	
MSD2	Chromium, Total, ICAP/MS	100	88.8	UGL	88.8	(70-130)	
RPD_LCS	Chromium, Total, ICAP/MS	95.400	94.600	UGL	0.8	(0-20)	
RPD_MS	Chromium, Total, ICAP/MS	87.700	85.800	UGL	2.2	(0-20)	

QC Ref #361442

Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100238	MGL		(0-0)	
LCS1	Chloride	25	25.6	MGL	102.4	(90-110)	
LCS2	Chloride	25	25.8	MGL	103.2	(90-110)	
MBLK	Chloride	ND	<1.0	MGL			
MRL_CHK	Chloride	0.500	0.490	MGL	98.0	(50-150)	
MS	Chloride	12.5	13.3	MGL	106.4	(74-126)	
MSD	Chloride	12.5	13.3	MGL	106.4	(74-126)	
RPD_LCS	Chloride	102.400	103.200	MGL	0.8	(0-20)	
RPD_MS	Chloride	106.400	106.400	MGL	0.0	(0-20)	

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Tronox LLC - Henderson
 (continued)

QC Ref #361443 Sulfate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100238	MGL		(0-0)	
LCS1	Sulfate	50	51.3	MGL	102.6	(90-110)	
LCS2	Sulfate	50	51.6	MGL	103.2	(90-110)	
MBLK	Sulfate	ND	<0.50	MGL			
MRL_CHK	Sulfate	1.00	1.01	MGL	101.0	(50-150)	
MS	Sulfate	25	25.5	MGL	102.0	(83-115)	
MSD	Sulfate	25	25.5	MGL	102.0	(83-115)	
RPD_LCS	Sulfate	102.600	103.200	MGL	0.6	(0-20)	
RPD_MS	Sulfate	102.000	102.000	MGL	0.0	(0-20)	

QC Ref #361449 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100238	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.49	MGL	99.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.49	MGL	99.6	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.0486	MGL	97.2	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.29	MGL	103.2	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.29	MGL	103.2	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	99.600	99.600	MGL	0.0	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	103.200	103.200	MGL	0.0	(0-20)	

QC Ref #361474 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04090070	UNIT		(0-0)	
DUP	PH (H3=past HT, not compliant)	7.90	7.92	UNIT		(0-20)	0.3

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Tronox LLC - Henderson
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QC Ref #361581 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04100534	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	488	492	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	96.000	MGL	1.2	(0-20)	

QC Ref #361583 Alkalinity in CaCO3 units

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	04100066	MGL		(0-0)	
LCS1	Alkalinity in CaCO3 units	100	101	MGL	101.0	(90-110)	
LCS2	Alkalinity in CaCO3 units	100	101	MGL	101.0	(90-110)	
MBLK	Alkalinity in CaCO3 units	ND	<2.0	MGL			
MRL_CHK	Alkalinity in CaCO3 units	2.00	2.25	MGL	112.5	(50-150)	
MS	Alkalinity in CaCO3 units	100	103	MGL	103.0	(80-120)	
MS2	Alkalinity in CaCO3 units	100	100	MGL	100.0	(80-120)	
MSD	Alkalinity in CaCO3 units	100	101	MGL	101.0	(80-120)	
MSD2	Alkalinity in CaCO3 units	100	100	MGL	100.0	(80-120)	
RPD_LCS	Alkalinity in CaCO3 units	101.000	101.000	MGL	0.0	(0-10)	
RPD_MS	Alkalinity in CaCO3 units	103.000	101.000	MGL	2.0	(0-20)	

QC Ref #361706 Fluoride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	04100291	MGL		(0-0)	
LCS1	Fluoride	1.00	0.991	MGL	99.1	(81-116)	
LCS2	Fluoride	1.00	1.02	MGL	102.0	(81-116)	

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MBLK	Fluoride	ND	<0.050	MGL			
MRL_CHK	Fluoride	0.05	0.053	MGL	106.0	(50-150)	
MS	Fluoride	1.00	0.968	MGL	96.8	(73-124)	
MS2	Fluoride	1.00	0.977	MGL	97.7	(73-124)	
MSD	Fluoride	1.00	0.973	MGL	97.3	(73-124)	
MSD2	Fluoride	1.00	0.986	MGL	98.6	(73-124)	
RPD_LCS	Fluoride	99.100	102.000	MGL	2.9	(0-20)	
RPD_MS	Fluoride	96.800	97.300	MGL	0.5	(0-20)	

QC Ref #361895 Zinc, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04090354	MGL		(0-0)	
LCS1	Zinc, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
LCS2	Zinc, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
MBLK	Zinc, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Zinc, Total, ICAP	0.020	0.021	MGL	105.0	(50-150)	
MS	Zinc, Total, ICAP	1.00	1.09	MGL	109.0	(70-130)	
MSD	Zinc, Total, ICAP	1.00	1.08	MGL	108.0	(70-130)	

QC Ref #361911 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	990	990	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.17	UMHO	108.5	(50-150)	

QC Ref #362012 Mercury

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	04100090	UGL		(0-0)	
LCS1	Mercury	1.50	1.52	UGL	101.3	(85-115)	
LCS2	Mercury	1.50	1.48	UGL	98.7	(85-115)	
MBLK	Mercury	ND	<0.20	UGL			

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Tronox LLC - Henderson
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MRL_CHK	Mercury	0.200	0.212	UGL	106.0	(50-150)
MS	Mercury	1.50	1.46	UGL	97.3	(70-130)
MSD	Mercury	1.50	1.49	UGL	99.3	(70-130)
RPD_LCS	Mercury	101.333	98.667	UGL	2.7	(0-20)
RPD_MS	Mercury	97.333	99.333	UGL	2.0	(0-20)

QC Ref #362223 Weak Acid Dissociable Cyanide

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04060283	MGL		(0-0)	
LCS1	Weak Acid Dissociable Cyanide	0.10	0.103	MGL	103.0	(90-110)	
LCS2	Weak Acid Dissociable Cyanide	0.10	0.102	MGL	102.0	(90-110)	
MBLK	Weak Acid Dissociable Cyanide	ND	<0.0050	MGL			
MS	Weak Acid Dissociable Cyanide	0.10	0.107	MGL	107.0	(85-115)	
MSD	Weak Acid Dissociable Cyanide	0.10	0.105	MGL	105.0	(85-115)	

QC Ref #362534 Volatile Organics HSL

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,2-Trichloroethane (1,1,2-T	5.0	4.97	UGL	99.4	(82-117)	
LCS2	1,1,2-Trichloroethane (1,1,2-T	5.0	4.72	UGL	94.4	(82-117)	
MBLK	1,1,2-Trichloroethane (1,1,2-T	ND	<0.5	UGL			
RPD_LCS	1,1,2-Trichloroethane (1,1,2-T	99.400	94.400	UGL	5.2	(0-20)	
LCS1	1,1-Dichloroethylene (1,1DCE)	5.0	4.79	UGL	95.8	(81-129)	
LCS2	1,1-Dichloroethylene (1,1DCE)	5.0	4.80	UGL	96.0	(81-129)	
MBLK	1,1-Dichloroethylene (1,1DCE)	ND	<0.5	UGL			
RPD_LCS	1,1-Dichloroethylene (1,1DCE)	95.800	96.000	UGL	0.2	(0-20)	
LCS1	1,1-Dichloroethane	5.0	4.84	UGL	96.8	(85-120)	
LCS2	1,1-Dichloroethane	5.0	4.89	UGL	97.8	(85-120)	
MBLK	1,1-Dichloroethane	ND	<0.5	UGL			
RPD_LCS	1,1-Dichloroethane	96.800	97.800	UGL	1.0	(0-20)	
LCS1	o-Dichlorobenzene (1,2-DCB)	5.0	5.06	UGL	101.2	(88-118)	
LCS2	o-Dichlorobenzene (1,2-DCB)	5.0	5.09	UGL	101.8	(88-118)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND	<0.5	UGL			

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RPD_LCS	<u>o-Dichlorobenzene (1,2-DCB)</u>	101.200	101.800	UGL	0.6	(0-20)
LCS1	1,2-Dichloroethane	5.0	5.12	UGL	102.4	(86-123)
LCS2	1,2-Dichloroethane	5.0	4.72	UGL	94.4	(86-123)
MBLK	1,2-Dichloroethane	ND	<0.5	UGL		
RPD_LCS	<u>1,2-Dichloroethane</u>	102.400	94.400	UGL	8.1	(0-20)
LCS1	1,2-Dichloropropane	5.0	4.72	UGL	94.4	(84-112)
LCS2	1,2-Dichloropropane	5.0	4.50	UGL	90.0	(84-112)
MBLK	1,2-Dichloropropane	ND	<0.5	UGL		
RPD_LCS	<u>1,2-Dichloropropane</u>	94.400	90.000	UGL	4.8	(0-20)
LCS1	m-Dichlorobenzene (1,3-DCB)	5.0	5.43	UGL	108.6	(81-139)
LCS2	m-Dichlorobenzene (1,3-DCB)	5.0	5.46	UGL	109.2	(81-139)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND	<0.5	UGL		
RPD_LCS	<u>m-Dichlorobenzene (1,3-DCB)</u>	108.600	109.200	UGL	0.6	(0-20)
LCS1	p-Dichlorobenzene (1,4-DCB)	5.0	5.51	UGL	110.2	(83-140)
LCS2	p-Dichlorobenzene (1,4-DCB)	5.0	5.17	UGL	103.4	(83-140)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND	<0.5	UGL		
RPD_LCS	<u>p-Dichlorobenzene (1,4-DCB)</u>	110.200	103.400	UGL	6.4	(0-20)
LCS1	2-Butanone (MEK)	50	46.2	UGL	92.4	(71-120)
LCS2	2-Butanone (MEK)	50	48.4	UGL	96.8	(71-120)
MBLK	2-Butanone (MEK)	ND	<10	UGL		
RPD_LCS	<u>2-Butanone (MEK)</u>	92.400	96.800	UGL	4.7	(0-20)
LCS1	2-Hexanone	50	50.6	UGL	101.2	(75-115)
LCS2	2-Hexanone	50	50.6	UGL	101.2	(75-115)
MBLK	2-Hexanone	ND	<10	UGL		
RPD_LCS	<u>2-Hexanone</u>	101.200	101.200	UGL	0.0	(0-20)
LCS1	4-Methyl-2-Pentanone (MIBK)	50	48.5	UGL	97.0	(76-118)
LCS2	4-Methyl-2-Pentanone (MIBK)	50	49.1	UGL	98.2	(76-118)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND	<10	UGL		
RPD_LCS	<u>4-Methyl-2-Pentanone (MIBK)</u>	97.000	98.200	UGL	1.2	(0-20)
LCS1	Acetone	50	39.9	UGL	79.8	(61-125)
LCS2	Acetone	50	42.8	UGL	85.6	(61-125)
MBLK	Acetone	ND	<10	UGL		
RPD_LCS	<u>Acetone</u>	79.800	85.600	UGL	7.0	(0-20)
LCS1	Benzene	5.0	4.93	UGL	98.6	(89-119)
LCS2	Benzene	5.0	5.04	UGL	100.8	(89-119)
MBLK	Benzene	ND	<0.5	UGL		

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RPD_LCS	Benzene	98.600	100.800	UGL	2.2	(0-20)
LCS1	cis-1,2-Dichloroethene	5.0	4.93	UGL	98.6	(85-117)
LCS2	cis-1,2-Dichloroethene	5.0	4.74	UGL	94.8	(85-117)
MBLK	cis-1,2-Dichloroethene	ND	<0.5	UGL		
RPD_LCS	cis-1,2-Dichloroethene	98.600	94.800	UGL	3.9	(0-20)
LCS1	Chlorobenzene	5.0	5.01	UGL	100.2	(88-118)
LCS2	Chlorobenzene	5.0	4.92	UGL	98.4	(88-118)
MBLK	Chlorobenzene	ND	<0.5	UGL		
RPD_LCS	Chlorobenzene	100.200	98.400	UGL	1.8	(0-20)
LCS1	cis-1,3-Dichloropropene	5.0	4.86	UGL	97.2	(75-109)
LCS2	cis-1,3-Dichloropropene	5.0	4.74	UGL	94.8	(75-109)
MBLK	cis-1,3-Dichloropropene	ND	<0.5	UGL		
RPD_LCS	cis-1,3-Dichloropropene	97.200	94.800	UGL	2.5	(0-20)
LCS1	Bromoform	5.0	5.94	UGL	118.8	(75-129)
LCS2	Bromoform	5.0	5.50	UGL	110.0	(75-129)
MBLK	Bromoform	ND	<0.5	UGL		
RPD_LCS	Bromoform	118.800	110.000	UGL	7.7	(0-20)
LCS1	Chloroform (Trichloromethane)	5.0	4.96	UGL	99.2	(85-121)
LCS2	Chloroform (Trichloromethane)	5.0	4.89	UGL	97.8	(85-121)
MBLK	Chloroform (Trichloromethane)	ND	<0.5	UGL		
RPD_LCS	Chloroform (Trichloromethane)	99.200	97.800	UGL	1.4	(0-20)
LCS1	Chloroethane	5.0	4.89	UGL	97.8	(76-127)
LCS2	Chloroethane	5.0	5.14	UGL	102.8	(76-127)
MBLK	Chloroethane	ND	<0.5	UGL		
RPD_LCS	Chloroethane	97.800	102.800	UGL	5.0	(0-20)
LCS1	Carbon disulfide	5.0	4.08	UGL	81.6	(73-129)
LCS2	Carbon disulfide	5.0	3.90	UGL	78.0	(73-129)
MBLK	Carbon disulfide	ND	<0.5	UGL		
RPD_LCS	Carbon disulfide	81.600	78.000	UGL	4.5	(0-20)
LCS1	Carbon Tetrachloride	5.0	4.95	UGL	99.0	(79-124)
LCS2	Carbon Tetrachloride	5.0	5.21	UGL	104.2	(79-124)
MBLK	Carbon Tetrachloride	ND	<0.5	UGL		
RPD_LCS	Carbon Tetrachloride	99.000	104.200	UGL	5.1	(0-20)
LCS1	Dibromochloromethane	5.0	5.32	UGL	106.4	(79-118)
LCS2	Dibromochloromethane	5.0	5.44	UGL	108.8	(79-118)
MBLK	Dibromochloromethane	ND	<0.5	UGL		

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Tronox LLC - Henderson
(continued)

RPD_LCS	Dibromochloromethane	106.400	108.800	UGL	2.2	(0-20)
LCS1	Dichlorobromomethane	5.0	4.52	UGL	90.4	(80-115)
LCS2	Dichlorobromomethane	5.0	4.47	UGL	89.4	(80-115)
MBLK	Dichlorobromomethane	ND	<0.5	UGL		
RPD_LCS	Dichlorobromomethane	90.400	89.400	UGL	1.1	(0-20)
LCS1	Ethyl benzene	5.0	5.03	UGL	100.6	(83-115)
LCS2	Ethyl benzene	5.0	4.91	UGL	98.2	(83-115)
MBLK	Ethyl benzene	ND	<0.5	UGL		
RPD_LCS	Ethyl benzene	100.600	98.200	UGL	2.4	(0-20)
LCS1	Dichlorodifluoromethane	5.0	5.03	UGL	100.6	(63-131)
LCS2	Dichlorodifluoromethane	5.0	4.70	UGL	94.0	(63-131)
MBLK	Dichlorodifluoromethane	ND	<0.5	UGL		
RPD_LCS	Dichlorodifluoromethane	100.600	94.000	UGL	6.8	(0-20)
LCS1	Methyl Bromide	5.0	4.74	UGL	94.8	(58-145)
LCS2	Methyl Bromide	5.0	4.88	UGL	97.6	(58-145)
MBLK	Methyl Bromide	ND	<0.5	UGL		
RPD_LCS	Methyl Bromide	94.800	97.600	UGL	2.9	(0-20)
LCS1	Methyl Chloride	5.0	5.24	UGL	104.8	(76-126)
LCS2	Methyl Chloride	5.0	5.27	UGL	105.4	(76-126)
MBLK	Methyl Chloride	ND	<0.5	UGL		
RPD_LCS	Methyl Chloride	104.800	105.400	UGL	0.6	(0-20)
LCS1	Methylene Chloride	5.0	4.77	UGL	95.4	(83-123)
LCS2	Methylene Chloride	5.0	5.39	UGL	107.8	(83-123)
MBLK	Methylene Chloride	ND	<3.0	UGL		
RPD_LCS	Methylene Chloride	95.400	107.800	UGL	12.2	(0-20)
LCS1	m,p-Xylenes	10	9.84	UGL	98.4	(89-120)
LCS2	m,p-Xylenes	10	9.85	UGL	98.5	(89-120)
MBLK	m,p-Xylenes	ND	<1.0	UGL		
RPD_LCS	m,p-Xylenes	98.400	98.500	UGL	0.1	(0-20)
LCS1	o-Xylene	5.0	4.90	UGL	98.0	(84-111)
LCS2	o-Xylene	5.0	4.87	UGL	97.4	(84-111)
MBLK	o-Xylene	ND	<0.5	UGL		
RPD_LCS	o-Xylene	98.000	97.400	UGL	0.6	(0-20)
LCS1	1,1,2,2-Tetrachloroethane	5.0	5.07	UGL	101.4	(83-131)
LCS2	1,1,2,2-Tetrachloroethane	5.0	5.02	UGL	100.4	(83-131)
MBLK	1,1,2,2-Tetrachloroethane	ND	<0.5	UGL		

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#201106

Tronox LLC - Henderson
(continued)

RPD_LCS	1,1,2,2-Tetrachloroethane	101.400	100.400	UGL	1.0	(0-20)
LCS1	Tetrachloroethylene (PCE)	5.0	5.33	UGL	106.6	(81-132)
LCS2	Tetrachloroethylene (PCE)	5.0	5.29	UGL	105.8	(81-132)
MBLK	Tetrachloroethylene (PCE)	ND	<0.5	UGL		
RPD_LCS	Tetrachloroethylene (PCE)	106.600	105.800	UGL	0.8	(0-20)
LCS1	Styrene	5.0	4.73	UGL	94.6	(83-115)
LCS2	Styrene	5.0	4.85	UGL	97.0	(83-115)
MBLK	Styrene	ND	<0.5	UGL		
RPD_LCS	Styrene	94.600	97.000	UGL	2.5	(0-20)
LCS1	1,2-dichloroethane-d4	100	102	%R	102.0	(70-130)
LCS2	1,2-dichloroethane-d4	100	105	%R	105.0	(70-130)
MBLK	1,2-dichloroethane-d4	100	105	%R	105.0	
RPD_LCS	1,2-dichloroethane-d4	102.000	105.000	%R	2.9	(0-20)
LCS1	Toluene-d8	100	101	%R	101.0	(70-130)
LCS2	Toluene-d8	100	101	%R	101.0	(70-130)
MBLK	Toluene-d8	100	96	%R	96.0	
RPD_LCS	Toluene-d8	101.000	101.000	%R	0.0	(0-20)
LCS1	4-Bromofluorobenzene	100	104	%R	104.0	(70-130)
LCS2	4-Bromofluorobenzene	100	99	%R	99.0	(70-130)
MBLK	4-Bromofluorobenzene	100	103	%R	103.0	
RPD_LCS	4-Bromofluorobenzene	104.000	99.000	%R	4.9	(0-20)
LCS1	trans-1,2-Dichloroethene	5.0	4.72	UGL	94.4	(84-126)
LCS2	trans-1,2-Dichloroethene	5.0	5.26	UGL	105.2	(84-126)
MBLK	trans-1,2-Dichloroethene	ND	<0.5	UGL		
RPD_LCS	trans-1,2-Dichloroethene	94.400	105.200	UGL	10.8	(0-20)
LCS1	1,1,1-Trichloroethane	5.0	4.92	UGL	98.4	(82-121)
LCS2	1,1,1-Trichloroethane	5.0	4.89	UGL	97.8	(82-121)
MBLK	1,1,1-Trichloroethane	ND	<0.5	UGL		
RPD_LCS	1,1,1-Trichloroethane	98.400	97.800	UGL	0.6	(0-20)
LCS1	Trichloroethylene (TCE)	5.0	5.18	UGL	103.6	(86-120)
LCS2	Trichloroethylene (TCE)	5.0	5.38	UGL	107.6	(86-120)
MBLK	Trichloroethylene (TCE)	ND	<0.5	UGL		
RPD_LCS	Trichloroethylene (TCE)	103.600	107.600	UGL	3.8	(0-20)
LCS1	Trichlorofluoromethane	5.0	5.27	UGL	105.4	(76-133)
LCS2	Trichlorofluoromethane	5.0	4.95	UGL	99.0	(76-133)
MBLK	Trichlorofluoromethane	ND	<0.5	UGL		

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Tronox LLC - Henderson
(continued)

RPD_LCS	Trichlorofluoromethane	105.400	99.000	UGL	6.3	(0-20)
LCS1	trans-1,3-Dichloropropene	5.0	4.92	UGL	98.4	(71-114)
LCS2	trans-1,3-Dichloropropene	5.0	4.83	UGL	96.6	(71-114)
MBLK	trans-1,3-Dichloropropene	ND	<0.5	UGL		
RPD_LCS	trans-1,3-Dichloropropene	98.400	96.600	UGL	1.8	(0-20)
LCS1	Tetrahydrofuran	50	48.2	UGL	96.4	(79-121)
LCS2	Tetrahydrofuran	50	49.6	UGL	99.2	(79-121)
MBLK	Tetrahydrofuran	ND	<10	UGL		
RPD_LCS	Tetrahydrofuran	96.400	99.200	UGL	2.9	(0-20)
LCS1	Toluene	5.0	4.79	UGL	95.8	(88-118)
LCS2	Toluene	5.0	4.67	UGL	93.4	(88-118)
MBLK	Toluene	ND	<0.5	UGL		
RPD_LCS	Toluene	95.800	93.400	UGL	2.5	(0-20)
LCS1	Vinyl Chloride (VC)	5.0	5.43	UGL	108.6	(72-125)
LCS2	Vinyl Chloride (VC)	5.0	5.26	UGL	105.2	(72-125)
MBLK	Vinyl Chloride (VC)	ND	<0.5	UGL		
RPD_LCS	Vinyl Chloride (VC)	108.600	105.200	UGL	3.2	(0-20)
LCS1	Vinyl Acetate	25	24.9	UGL	99.6	(61-125)
LCS2	Vinyl Acetate	25	23.8	UGL	95.2	(61-125)
MBLK	Vinyl Acetate	ND	<10	UGL		
RPD_LCS	Vinyl Acetate	99.600	95.200	UGL	4.5	(0-20)

QC Ref #362791

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	04110493	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS3	Perchlorate	4	4.26	UGL	106.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
RPD_LCS	Perchlorate	97.200	102.000	UGL	4.8	(0-20)	
RPD_MS	Perchlorate	98.000	93.600	UGL	4.6	(0-20)	

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