This document was too large to scan as a whole document, therefore it required breaking into smaller sections.

DOCUMENT NUMBER: SD-WM-DP-179

SECTION 2 **OF** 10

TITLE: Final Report for Tank 241-S-102 Push Mode Cores 125 & 130
[Pages 276 thru 575]

DATE: 7/12/96

ORIGINATOR: Fritts L L

CO: WHC

RECIPIENT:

CO:

REFERENCES: ECN-633302

LABCORE Data Entry Template for Worklist# 6016

Analyst: JAM **Instrument:** ACD01 SN16355 **Book #** _____

Method: LA-505-159 Rev/Mod D-0

Worklist Comment: Tank#S-102,Core 125,Seg,2u,3u,4u,4L,5u,5L->ACIDIG RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			ACIDIG01	SOLID	1	.050	N/A	g/L
		2 STD-PREP			ACIDIG01	SOLID	20	20	N/A	g/L
96000030	S102	3 SAMPLE 0.2440g → .050l	S96T000906	0 A	ACIDIG01	SOLID	N/A	4.8800		g/L
96000030	S102	4 SAMPLE	S96T000906	0 A	DOSE-02	SOLID	N/A	1.5		mrad/hour
96000030	S102	5 DUP 0.2596g → .050l	S96T000906	0 A	ACIDIG01	SOLID	4.8800	5.1920	N/A	g/L
96000030	S102	6 DUP	S96T000906	0 A	DOSE-02	SOLID	1.5	1.7	N/A	mrad/hour
96000030	S102	7 SPK 0.2300g → .050l	S96T000906	0 A	ACIDIG01	SOLID	20	20	N/A	D.F. JAM 3-14-96 ~~g/L~~
96000030	S102	8 SPK	S96T000906	0 A	DOSE-02	SOLID	NA	1.5	N/A	mrad/hour
96000030	S102	9 SAMPLE 0.2392g → .050l	S96T000907	0 A	ACIDIG01	SOLID	N/A	4.7840		g/L
96000030	S102	10 SAMPLE	S96T000907	0 A	DOSE-02	SOLID	N/A	1		mrad/hour
96000030	S102	11 DUP 0.2539g → .050l	S96T000907	0 A	ACIDIG01	SOLID	4.7840	5.0780	N/A	g/L
96000030	S102	12 DUP	S96T000907	0 A	DOSE-02	SOLID	1	1.2	N/A	mrad/hour
96000030	S102	13 SAMPLE 0.2433g → .050l	S96T000908	0 A	ACIDIG01	SOLID	N/A	4.8660		g/L
96000030	S102	14 SAMPLE	S96T000908	0 A	DOSE-02	SOLID	N/A	1.2		mrad/hour
96000030	S102	15 DUP 0.2564g → .050l	S96T000908	0 A	ACIDIG01	SOLID	4.8660	5.1280	N/A	g/L
96000030	S102	16 DUP	S96T000908	0 A	DOSE-02	SOLID	1.2	1.2	N/A	mrad/hour
96000030	S102	17 SPK 0.2403g → .050l	S96T000908	0 A	ACIDIG01	SOLID	20	20	N/A	D.F 3-14-96 JAM ~~g/L~~
96000030	S102	18 SPK	S96T000908	0 A	DOSE-02	SOLID	NA	1.3	N/A	mrad/hour

Data Entry Comments: HPT was Gerry Gunnskey

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6016

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
96000030	S102	19 SAMPLE 0.2306g → .050l	S96T000909	0 A	ACIDIG01	SOLID	N/A	4.6120		g/L
96000030	S102	20 SAMPLE ~~0.2226~~ RKT 3/4/96	S96T000909	0 A	DOSE-02	SOLID	N/A	1.7		mrad/hour
96000030	S102	21 DUP 0.2226g → .050l	S96T000909	0 A	ACIDIG01	SOLID	4.6120	4.4520	N/A	g/L
96000030	S102	22 DUP	S96T000909	0 A	DOSE-02	SOLID	1.7	1.7	N/A	mrad/hour
96000030	S102	23 SAMPLE 0.2908g → .050l	S96T000910	0 A	ACIDIG01	SOLID	N/A	5.8160		g/L
96000030	S102	24 SAMPLE	S96T000910	0 A	DOSE-02	SOLID	N/A	1.4		mrad/hour
96000030	S102	25 DUP 0.2698g → .050l	S96T000910	0 A	ACIDIG01	SOLID	5.8160	5.3960	N/A	g/L
96000030	S102	26 DUP	S96T000910	0 A	DOSE-02	SOLID	1.4	1.4	N/A	mrad/hour
96000030	S102	27 SAMPLE 0.2963g → .050l	S96T000911	0 A	ACIDIG01	SOLID	N/A	5.9260		g/L
96000030	S102	28 SAMPLE	S96T000911	0 A	DOSE-02	SOLID	N/A	1.8		mrad/hour
96000030	S102	29 DUP 0.2560g → .050l	S96T000911	0 A	ACIDIG01	SOLID	5.9260	5.1200	N/A	g/L
96000030	S102	30 DUP	S96T000911	0 A	DOSE-02	SOLID	1.8	1.5	N/A	mrad/hour

Final page for worklist # 6016

D A Murphy 3-19-96
Analyst Signature Date

R H Stark 3/20/96
Analyst Signature Date

S96T000 755 → S96T000 906
756 → 907
757 → 908
758 → 909
759 → 910
760 → 911

R H Stark 2/29/96

Data Entry Comments: <10% solids

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6248

Analyst: GAM **Instrument:** ACD01 SN16355 **Book #** WHC2/JL6 JWHC2N2

Method: LA-505-159 Rev/Mod 0-0

Worklist Comment: TK#S-102 CORE 130,SEG 5B,5C,6U,6L ACIDIG RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			ACIDIG01	SOLID	1	.050	N/A	g/L
		2 STD-PREP			ACIDIG01	SOLID	20	20	N/A	D.F. GAM ~~g/L~~ 3-22-96
96000094	S102	3 SAMPLE 0.2869g → .050l	S96T001185	0 A	ACIDIG01	SOLID	N/A	5.7380		g/L
96000094	S102	4 SAMPLE	S96T001185	0 A	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	5 DUP 0.2926g → .050l	S96T001185	0 A	ACIDIG01	SOLID	5.7380	5.8520	N/A	g/L
96000094	S102	6 DUP	S96T001185	0 A	DOSE-02	SOLID	20	18	N/A	mrad/hour
96000094	S102	7 SPK 0.2732g → .050l	S96T001185	0 A	ACIDIG01	SOLID	20	20	N/A	D.F. GAM ~~g/L~~ 3-22-96
96000094	S102	8 SPK	S96T001185	0 A	DOSE-02	SOLID	~~18~~ NA RKT 3/26/96	15	N/A	mrad/hour
96000094	S102	9 SAMPLE 0.2536g → .050l	S96T001186	0 A	ACIDIG01	SOLID	N/A	5.0720		g/L
96000094	S102	10 SAMPLE	S96T001186	0 A	DOSE-02	SOLID	N/A	22		mrad/hour
96000094	S102	11 DUP 0.2480g → .050l	S96T001186	0 A	ACIDIG01	SOLID	5.0720	4.9600	N/A	g/L
96000094	S102	12 DUP	S96T001186	0 A	DOSE-02	SOLID	22	25	N/A	mrad/hour
96000094	S102	13 SAMPLE 0.2759g → .050l	S96T001187	0 A	ACIDIG01	SOLID	N/A	5.5180		g/L
96000094	S102	14 SAMPLE	S96T001187	0 A	DOSE-02	SOLID	N/A	25		mrad/hour
96000094	S102	15 DUP RKT 3/19/96 ~~0.22~~ 0.2314g → .050l	S96T001187	0 A	ACIDIG01	SOLID	5.5180	4.6280	N/A	g/L
96000094	S102	16 DUP	S96T001187	0 A	DOSE-02	SOLID	25	20	N/A	mrad/hour
96000094	S102	17 SAMPLE 0.2376g → .050l	S96T001188	0 A	ACIDIG01	SOLID	N/A	4.7520		g/L
96000094	S102	18 SAMPLE	S96T001188	0 A	DOSE-02	SOLID	N/A	20		mrad/hour

Data Entry Comments: <10% Solids
HPT-Gerry Gunnisky

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
03/07/96 11:11

LABCORE Data Entry Template for Worklist# 6248

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
96000094	S102	19 DUP	S96T001188	0 A	ACIDIG01	SOLID	4.7520	5.2540	N/A	g/L
		0.2627g → .0501								
96000094	S102	20 DUP	S96T001188	0 A	DOSE-02	SOLID	20	20	N/A	mrad/hour

Final page for worklist # 6248

JMMurphy 3-26-96
Analyst Signature Date

RE Wright 3/27/96
Analyst Signature Date

S96T001148 → S96T001185
1149 → 1186
1150 → 1187
1151 → 1188

Reviewed by
Bertrand Giffin II
3-27-96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
03/08/96 10:31

LABCORE Data Entry Template for Worklist# 6249

Analyst: [illegible] **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK#S-102 CORE 130,SEG 2U,3U, H2ODIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T001189	0 W	H2ODIG01	SOLID	N/A	5.5660		g/L
		0.5566 g → .100 l								
96000094	S102	3 SAMPLE	S96T001189	0 W	DOSE-02	SOLID	N/A	10		mrad/hour
96000094	S102	4 DUP	S96T001189	0 W	H2ODIG01	SOLID	5.5660	5.5500	N/A	g/L
		0.5550 g → .100 l								
96000094	S102	5 DUP	S96T001189	0 W	DOSE-02	SOLID	10	5	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T001190	0 W	H2ODIG01	SOLID	N/A	4.1430		g/L
		0.4143 g → .100 l								
96000094	S102	7 SAMPLE	S96T001190	0 W	DOSE-02	SOLID	N/A	0		mrad/hour
96000094	S102	8 DUP	S96T001190	0 W	H2ODIG01	SOLID	4.1430	4.7410	N/A	g/L
		0.4741 g → .100 l								
96000094	S102	9 DUP	S96T001190	0 W	DOSE-02	SOLID	10	12	N/A	mrad/hour

Final page for worklist # 6249

[illegible] Murphy 3-26-96
Analyst Signature **Date**

[illegible] 04/02/96
Analyst Signature **Date**

S96T001141 → S96T001189
1145 → 1190

Reviewed by RK Kelly
4/2/96

Data Entry Comments: HPT- Gerry Gurnsey

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6267

Analyst: [illegible] **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130,SEG 4U,5A, H20DIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T001191	0 W	H2ODIG01	SOLID	N/A	4.7390		g/L
		0.4739g → .1001								
96000094	S102	3 SAMPLE	S96T001191	0 W	DOSE-02	SOLID	N/A	18		mrad/hour
96000094	S102	4 DUP	S96T001191	0 W	H2ODIG01	SOLID	4.7390	4.8210	N/A	g/L
		0.4821g → .1001								
96000094	S102	5 DUP	S96T001191	0 W	DOSE-02	SOLID	18	17	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T001192	0 W	H2ODIG01	SOLID	N/A	5.7590		g/L
		0.5759g → .1001								
96000094	S102	7 SAMPLE	S96T001192	0 W	DOSE-02	SOLID	N/A	14		mrad/hour
96000094	S102	8 DUP	S96T001192	0 W	H2ODIG01	SOLID	5.7590	5.4710	N/A	g/L
		0.5471g → .1001								
96000094	S102	9 DUP	S96T001192	0 W	DOSE-02	SOLID	14	25	N/A	mrad/hour

Final page for worklist # 6267

[illegible] Murphy 3-26-96
Analyst Signature **Date**

[illegible] 04/02/96
Analyst Signature **Date**

S96T001146 → S96T001191
1147 → 1192
RHStad

Reviewed by RK Fuller
4/2/96

Data Entry Comments: HPT - Gerry Gurnsky / Judy Morales

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6268

Analyst: JAM **Instrument:** H2O01 SN116355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130,SEG 5B,5C, H20DIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T001193	0 W	H2ODIG01	SOLID	N/A	5.2590		g/L
		0.5259g → .100l								
96000094	S102	3 SAMPLE	S96T001193	0 W	DOSE-02	SOLID	N/A	30		mrad/hour
96000094	S102	4 DUP	S96T001193	0 W	H2ODIG01	SOLID	5.2590	4.8110	N/A	g/L
		0.4811g → .100l								
96000094	S102	5 DUP	S96T001193	0 W	DOSE-02	SOLID	30	25	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T001194	0 W	H2ODIG01	SOLID	N/A	5.9370		g/L
		0.5937g → .100l								
96000094	S102	7 SAMPLE	S96T001194	0 W	DOSE-02	SOLID	N/A	7.5		mrad/hour
96000094	S102	8 DUP	S96T001194	0 W	H2ODIG01	SOLID	5.9370	4.8330	N/A	g/L
		0.4833g → .100l								
96000094	S102	9 DUP	S96T001194	0 W	DOSE-02	SOLID	7.5	19	N/A	mrad/hour

Final page for worklist # 6268

JAMurphy 3-26-96
Analyst Signature / **Date**

RK Stub 4-02-96
Analyst Signature **Date**

S96T001148 → S96T001193
1149 → 1194
RK Stub

Reviewed by RK Stub
4/3/96

Data Entry Comments: HPT-Gerry Gunnoskey / Judy Morales
Sample # S96T001194 OK per instructions. RKT 3/22/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6269

Analyst: JAM **Instrument:** H2O01 SN16555 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130,SEG 6U,6L, H20DIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T001195	0 W	H2ODIG01	SOLID	N/A	4.9780		g/L
		0.4978g → .100l								
96000094	S102	3 SAMPLE	S96T001195	0 W	DOSE-02	SOLID	N/A	30		mrad/hour
96000094	S102	4 DUP	S96T001195	0 W	H2ODIG01	SOLID	4.9780	5.4200	N/A	g/L
		0.5420g → .100l								
96000094	S102	5 DUP	S96T001195	0 W	DOSE-02	SOLID	30	35	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T001196	0 W	H2ODIG01	SOLID	N/A	5.5080		g/L
		0.5508g → .100l								
96000094	S102	7 SAMPLE	S96T001196	0 W	DOSE-02	SOLID	N/A	40		mrad/hour
96000094	S102	8 DUP	S96T001196	0 W	H2ODIG01	SOLID	5.5080	4.7910	N/A	g/L
		0.4791g → .100l								
96000094	S102	9 DUP	S96T001196	0 W	DOSE-02	SOLID	40	25	N/A	mrad/hour

Final page for worklist # 6269

JAMurphy 3-26-96
Analyst Signature **Date**

RL Stark 04/02/96
Analyst Signature **Date**

S96T001150 → S96T001195 -
1151 → 1196 - Sample almost dry, lost

Reviewed by RK Fuller 4/2/96

Data Entry Comments: HPT - Gerry Gunnisky

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6823

Analyst: KNT **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130, SEGMENT 6Au,6Bu H2ODIG01 RTS!

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK-PREP				H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2	SAMPLE	S96T001496	0	W	H2ODIG01	SOLID	N/A	4.742		g/L
			.4742g → .100L									
96000094	S102	3	SAMPLE	S96T001496	0	W	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	4	DUP	S96T001496	0	W	H2ODIG01	SOLID	4.742	4.866	N/A	g/L
			.4866g → .100L									
96000094	S102	5	DUP	S96T001496	0	W	DOSE-02	SOLID	20	20	N/A	mrad/hour
96000094	S102	6	SAMPLE	S96T001497	0	W	H2ODIG01	SOLID	N/A	5.309		g/L
			.5309g → .100L									
96000094	S102	7	SAMPLE	S96T001497	0	W	DOSE-02	SOLID	N/A	15		mrad/hour
96000094	S102	8	DUP	S96T001497	0	W	H2ODIG01	SOLID	5.309	5.440	N/A	g/L
			.5440g → .100L									
96000094	S102	9	DUP	S96T001497	0	W	DOSE-02	SOLID	15	12.5	N/A	mrad/hour

Final page for worklist # 6823

Kim Thomas 4-4-96
Analyst Signature **Date**

Susan Bu 4/08/96
Analyst Signature **Date**

S96T001386 → S96T001496
1399 → 1497

Reviewed by RK Fuller 4/8/96

Data Entry Comments: HPT - Scott Corbally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6824

Analyst: KNT **Instrument:** H2O01 SN016355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130, SEGMENT 6B1,7U H2ODIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE .5451g → .100L	S96T001493	0 W	H2ODIG01	SOLID	N/A	5.451		g/L
96000094	S102	3 SAMPLE	S96T001493	0 W	DOSE-02	SOLID	N/A	25		mrad/hour
96000094	S102	4 DUP .5497g → .100L	S96T001493	0 W	H2ODIG01	SOLID	5.451	5.497	N/A	g/L
96000094	S102	5 DUP	S96T001493	0 W	DOSE-02	SOLID	25	22.5	N/A	mrad/hour
96000094	S102	6 SAMPLE .5376g → .100L	S96T001498	0 W	H2ODIG01	SOLID	N/A	5.376		g/L
96000094	S102	7 SAMPLE	S96T001498	0 W	DOSE-02	SOLID	N/A	12.5		mrad/hour
96000094	S102	8 DUP .5200g → .100L	S96T001498	0 W	H2ODIG01	SOLID	5.376	5.200	N/A	g/L
96000094	S102	9 DUP	S96T001498	0 W	DOSE-02	SOLID	12.5	12.5	N/A	mrad/hour

Final page for worklist # 6824

Kim Thomas 4-5-96
Analyst Signature **Date**

Susan Bu 4/03/96
Analyst Signature **Date**

S96T001401 → S96T001498
1390 1493

Reviewed by RK Fuller 4/8/96

Data Entry Comments: HPT - Scott Corbally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6825

Analyst: KNT **Instrument:** H2O01 SNL6355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130, SEGMENT 8U,8A H2ODIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE .49679 → .100L	S96T001499	0 W	H2ODIG01	SOLID	N/A	4.967		g/L
96000094	S102	3 SAMPLE	S96T001499	0 W	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	4 DUP .5518g → .100L	S96T001499	0 W	H2ODIG01	SOLID	4.967	5.518	N/A	g/L
96000094	S102	5 DUP	S96T001499	0 W	DOSE-02	SOLID	20	22.5	N/A	mrad/hour
96000094	S102	6 SAMPLE .5296g → .100L	S96T001500	0 W	H2ODIG01	SOLID	N/A	5.296		g/L
96000094	S102	7 SAMPLE	S96T001500	0 W	DOSE-02	SOLID	N/A	25		mrad/hour
96000094	S102	8 DUP .5400g → .100L	S96T001500	0 W	H2ODIG01	SOLID	5.296	5.400	N/A	g/L
96000094	S102	9 DUP	S96T001500	0 W	DOSE-02	SOLID	25	25	N/A	mrad/hour

Final page for worklist # 6825

Kim Thomas 4-5-96
Analyst Signature **Date**

Susan Bu 4/08/96
Analyst Signature **Date**

S96T001409 → S96T001499
1429 → 1500

Reviewed by RKFuller 4/8/96

Data Entry Comments: HPT - Scott Corbally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
03/21/96 11:39

LABCORE Data Entry Template for Worklist# 6826

Analyst: KNT **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130, SEGMENT 8Ab,8Ac H2ODIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE .5548g → .100 L	S96T001494	0 W ✓	H2ODIG01	SOLID	N/A	5.548		g/L
96000094	S102	3 SAMPLE	S96T001494	0 W	DOSE-02	SOLID	N/A	22.5		mrad/hour
96000094	S102	4 DUP .5530g → .100 L	S96T001494	0 W ✓	H2ODIG01	SOLID	5.548	5.530	N/A	g/L
96000094	S102	5 DUP	S96T001494	0 W	DOSE-02	SOLID	22.5	20	N/A	mrad/hour
96000094	S102	6 SAMPLE .5125g → .100 L	S96T001501	0 W ✓	H2ODIG01	SOLID	N/A	5.125		g/L
96000094	S102	7 SAMPLE	S96T001501	0 W	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	8 DUP .5142g → .100L	S96T001501	0 W ✓	H2ODIG01	SOLID	5.125	5.142	N/A	g/L
96000094	S102	9 DUP	S96T001501	0 W	DOSE-02	SOLID	20	35	N/A	mrad/hour

Final page for worklist # 6826

Kim Thomas 4-5-96
Analyst Signature **Date**

Susan Bee 4/08/96
Analyst Signature **Date**

S96T001430 → S96T001501
1431 → 1494

Reviewed by RK Fuller 4/8/96

Data Entry Comments: HPT- Scott Cordally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6827

Analyst: KNT **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130, SEGMENT 9U,9L H2ODIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE .5376g → .100L	S96T001495	0 W ✓	H2ODIG01	SOLID	N/A	5.376		g/L
96000094	S102	3 SAMPLE	S96T001495	0 W	DOSE-02	SOLID	N/A	17.5		mrad/hour
96000094	S102	4 DUP .5331g → .100L	S96T001495	0 W ✓	H2ODIG01	SOLID	5.376	5.331	N/A	g/L
96000094	S102	5 DUP	S96T001495	0 W	DOSE-02	SOLID	17.5	20	N/A	mrad/hour
96000094	S102	6 SAMPLE .5175g → .100L	S96T001502	0 W ✓	H2ODIG01	SOLID	N/A	5.175		g/L
96000094	S102	7 SAMPLE	S96T001502	0 W	DOSE-02	SOLID	N/A	17.5		mrad/hour
96000094	S102	8 DUP .5276g → .100L	S96T001502	0 W ✓	H2ODIG01	SOLID	5.175	5.276	N/A	g/L
96000094	S102	9 DUP	S96T001502	0 W	DOSE-02	SOLID	17.5	20	N/A	mrad/hour

Final page for worklist # 6827

Kim Thomas 4-5-96
Analyst Signature **Date**

Susan Bu 4/08/96
Analyst Signature **Date**

S96T001441 → S96T001495
1442 1502

Reviewed by RK Fuller 4/8/96

Data Entry Comments: HPT- Scott Corbally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6828

Analyst: KNT **Instrument:** H2O01 SN116355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK# S-102,CORE 130, SEGMENT 10U,10L H2ODIG01 RTS!

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK-PREP				H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2	SAMPLE	S96T001503	0	W	H2ODIG01	SOLID	N/A	5.514		g/L
			5514g → .100L									
96000094	S102	3	SAMPLE	S96T001503	0	W	DOSE-02	SOLID	N/A	22.5		mrad/hour
96000094	S102	4	DUP	S96T001503	0	W	H2ODIG01	SOLID	5.514	5.654	N/A	g/L
			5654g → .100L									
96000094	S102	5	DUP	S96T001503	0	W	DOSE-02	SOLID	22.5	22.5	N/A	mrad/hour
96000094	S102	6	SAMPLE	S96T001504	0	W	H2ODIG01	SOLID	N/A	5.290		g/L
			5290g → .100L									
96000094	S102	7	SAMPLE	S96T001504	0	W	DOSE-02	SOLID	N/A	22.5		mrad/hour
96000094	S102	8	DUP	S96T001504	0	W	H2ODIG01	SOLID	5.290	5.642	N/A	g/L
			5642g → .100L									
96000094	S102	9	DUP	S96T001504	0	W	DOSE-02	SOLID	22.5	25	N/A	mrad/hour

Final page for worklist # 6828

Kim Thomas 4-5-96
Analyst Signature **Date**

Susan Bee 4/08/96
Analyst Signature **Date**

S96T001432 → S96T001503
1433 → 1504

Reviewed by RKFulk 4/8/96

Data Entry Comments: HPT- Scott Corbally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6829

Analyst: KNT **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod EO

Worklist Comment: TK# S-102,CORE 130, SEGMENT 11U,11L H2ODIG01 RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T001505	0 W ✓	H2ODIG01	SOLID	N/A	5.133		g/L
		.5133g → .100 ℓ								
96000094	S102	3 SAMPLE	S96T001505	0 W	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	4 DUP	S96T001505	0 W ✓	H2ODIG01	SOLID	5.133	5.010	N/A	g/L
		.5010g → .100L								
96000094	S102	5 DUP	S96T001505	0 W	DOSE-02	SOLID	20	22.5	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T001506	0 W ✓	H2ODIG01	SOLID	N/A	5.411		g/L
		.5411g → .100L								
96000094	S102	7 SAMPLE	S96T001506	0 W	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	8 DUP	S96T001506	0 W ✓	H2ODIG01	SOLID	5.411	5.646	N/A	g/L
		.5646g → .100L								
96000094	S102	9 DUP	S96T001506	0 W	DOSE-02	SOLID	20	25	N/A	mrad/hour

Final page for worklist # 6829

Kim Thomas 4-4-96
Analyst Signature **Date**

Susan Bu 4/08/96
Analyst Signature **Date**

S96T001434 → S96T001505
1435 → 1506

Reviewed by RK Fuller 4/8/96

Data Entry Comments: HPT- Corbally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6017

Analyst: GAM **Instrument:** ACD01 SN016355 **Book #** WHC1A/SL6 WHC1A N5 WHC2/SL6 WHC2N2

Method: LA-505-159 Rev/Mod D-0

Worklist Comment: TANK#S-102,CORE 125,SEG,6A,6B,6C,7U,7L,8U,->ACIDIG RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			ACIDIG01	SOLID	1	.050	N/A	g/L
		2 STD-PREP			ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96 GAM
96000030	S102	3 SAMPLE 0.2644g → .050l	S96T000912	0 A	ACIDIG01	SOLID	N/A	5.2880		g/L
96000030	S102	4 SAMPLE	S96T000912	0 A	DOSE-02	SOLID	N/A	1		mrad/hour
96000030	S102	5 DUP 0.2616g → .050l	S96T000912	0 A	ACIDIG01	SOLID	5.2880	5.2320	N/A	g/L
96000030	S102	6 DUP	S96T000912	0 A	DOSE-02	SOLID	1	1	N/A	mrad/hour
96000030	S102	7 SPK 0.2959g → .050l	S96T000912	0 A	ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96 GAM
96000030	S102	8 SPK	S96T000912	0 A	DOSE-02	SOLID	N/A	1	N/A	mrad/hour
96000030	S102	9 SAMPLE 0.2535g → .050l	S96T000913	0 A	ACIDIG01	SOLID	N/A	5.0700		g/L
96000030	S102	10 SAMPLE	S96T000913	0 A	DOSE-02	SOLID	N/A	1.8		mrad/hour
96000030	S102	11 DUP 0.2679g → .050l	S96T000913	0 A	ACIDIG01	SOLID	5.0700	5.3580	N/A	g/L
96000030	S102	12 DUP	S96T000913	0 A	DOSE-02	SOLID	1.8	2.3	N/A	mrad/hour
96000030	S102	13 SPK 0.2703g → .050l	S96T000913	0 A	ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96 GAM
96000030	S102	14 SPK	S96T000913	0 A	DOSE-02	SOLID	NA	3.0	N/A	mrad/hour
96000030	S102	15 SAMPLE 0.2639 → .050l	S96T000914	0 A	DOSE-02	SOLID	N/A	5.2780		mrad/hour
96000030	S102	16 SAMPLE	S96T000914	0 A	ACIDIG01	SOLID	N/A	1.8		g/L
96000030	S102	17 DUP 0.2445g → .050l	S96T000914	0 A	ACIDIG01	SOLID	5.2780	4.8400	N/A	g/L
96000030	S102	18 DUP	S96T000914	0 A	DOSE-02	SOLID	1.8	1.8	N/A	mrad/hour

Data Entry Comments: <170 Dounds Reviewed by RKJ

HPT- Bill Bishop

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklist.rpt Version 2.1 05/15/95
02/29/96 13:16

LABCORE Data Entry Template for Worklist# 6017

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
96000030	S102	19 SAMPLE	S96T000915	0 A	ACIDIG01	SOLID	N/A	2.8640		g/L
		0.1432g	→ .050l							
96000030	S102	20 SAMPLE	S96T000915	0 A	DOSE-02	SOLID	N/A	2.5		mrad/hour
96000030	S102	21 DUP	S96T000915	0 A	ACIDIG01	SOLID	2.8640	2.8920	N/A	g/L
		0.1446g	→ .050l							
96000030	S102	22 DUP	S96T000915	0 A	DOSE-02	SOLID	2.5	1.8	N/A	mrad/hour
96000030	S102	23 SAMPLE	S96T000916	0 A	ACIDIG01	SOLID	N/A	5.2580		g/L
		.2619g	→ .050l							
96000030	S102	24 SAMPLE	S96T000916	0 A	DOSE-02	SOLID	N/A	4.5		mrad/hour
96000030	S102	25 DUP	S96T000916	0 A	ACIDIG01	SOLID	5.2580	5.6180	N/A	g/L
		.2809g	→ .050l							
96000030	S102	26 DUP	S96T000916	0 A	DOSE-02	SOLID	4.5	3.5	N/A	mrad/hour
96000030	S102	27 SAMPLE	S96T000917	0 A	ACIDIG01	SOLID	N/A	5.2540		g/L
		.2627g	→ .050l							
96000030	S102	28 SAMPLE	S96T000917	0 A	DOSE-02	SOLID	N/A	3.5		mrad/hour
96000030	S102	29 DUP	S96T000917	0 A	ACIDIG01	SOLID	5.2540	5.4800	N/A	g/L
		.2740g	→ .050l							
96000030	S102	30 DUP	S96T000917	0 A	DOSE-02	SOLID	3.5	3.5	N/A	mrad/hour

Final page for worklist # 6017

JMMurphy 3-21-96
Analyst Signature Date

Susan Bu 3/22/96
Analyst Signature Date

S96T000
S96T000761 → 912
762 → 913
763 → 914
764 → 915
765 → 916
766 → 917

RLHole 2/29/96

Data Entry Comments: Reviewed by RK Field 3/22/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6018

Analyst: GWM **Instrument:** ACD01 SN16355 **Book #** WHCIA/SLWWHCIAN5 WHC2/SLWWHC2N2

Method: LA-505-159 Rev/Mod D-0

Worklist Comment: TANK#S-102,CORE 125,SEG,8L,9U,9L,10U,10L,11U,->ACIDIG RTS!

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK-PREP				ACIDIG01	SOLID	1	.050	N/A	g/L
		2	STD-PREP				ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96 GWM
96000030	S102	3	SAMPLE	S96T000918	0	A	ACIDIG01	SOLID	N/A	4.9200		g/L
			.2460g → .050l									
96000030	S102	4	SAMPLE	S96T000918	0	A	DOSE-02	SOLID	N/A	3.5		mrad/hour
96000030	S102	5	DUP	S96T000918	0	A	ACIDIG01	SOLID	4.9200	4.6040	N/A	g/L
			.2302g → .050l									
96000030	S102	6	DUP	S96T000918	0	A	DOSE-02	SOLID	3.5	3	N/A	mrad/hour
96000030	S102	7	SPK	S96T000918	0	A	ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96 GWM
			.2577g → .050l									
96000030	S102	8	SPK	S96T000918	0	A	DOSE-02	SOLID	NA	4	N/A	mrad/hour
96000030	S102	9	SAMPLE	S96T000919	0	A	ACIDIG01	SOLID	N/A	5.2640		g/L
			.2632g → .050l									
96000030	S102	10	SAMPLE	S96T000919	0	A	DOSE-02	SOLID	N/A	5		mrad/hour
96000030	S102	11	DUP	S96T000919	0	A	ACIDIG01	SOLID	5.2640	5.6400	N/A	g/L
			.2820g → .050l									
96000030	S102	12	DUP	S96T000919	0	A	DOSE-02	SOLID	5	6	N/A	mrad/hour
96000030	S102	13	SAMPLE	S96T000920	0	A	ACIDIG01	SOLID	N/A	5.3000		g/L
			.2650g → .050l									
96000030	S102	14	SAMPLE	S96T000920	0	A	DOSE-02	SOLID	N/A	5		mrad/hour
96000030	S102	15	DUP	S96T000920	0	A	ACIDIG01	SOLID	5.3000	5.2760	N/A	g/L
			.2638g → .050l									
96000030	S102	16	DUP	S96T000920	0	A	DOSE-02	SOLID	5	5	N/A	mrad/hour
96000030	S102	17	SAMPLE	S96T000921	0	A	ACIDIG01	SOLID	N/A	5.3360		g/L
			0.2668 grams → .050l									
96000030	S102	18	SAMPLE	S96T000921	0	A	DOSE-02	SOLID	N/A	11		mrad/hour

Data Entry Comments: <10% solids

HPT - Bill Bishop

Reviewed by PK Fulk 3/20/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6018

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
96000030	S102	19	DUP	S96T000921	0	A	ACIDIG01	SOLID	5.3360	5.5140	N/A	g/L
			0.2757g → .050l									
96000030	S102	20	DUP	S96T000921	0	A	DOSE-02	SOLID	11	8	N/A	mrad/hour
96000030	S102	21	SPK	S96T000921	0	A	ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96
			0.2766g → .050l									
96000030	S102	22	SPK	S96T000921	0	A	DOSE-02	SOLID	NA	9	N/A	mrad/hour
96000030	S102	23	SAMPLE	S96T000922	0	A	ACIDIG01	SOLID	N/A	5.4600		g/L
			.2730g → .050l									
96000030	S102	24	SAMPLE	S96T000922	0	A	DOSE-02	SOLID	N/A	9		mrad/hour
96000030	S102	25	DUP	S96T000922	0	A	ACIDIG01	SOLID	5.4600	5.1200	N/A	g/L
			.2560g → .050l									
96000030	S102	26	DUP	S96T000922	0	A	DOSE-02	SOLID	9	8	N/A	mrad/hour
96000030	S102	27	SAMPLE	S96T000923	0	A	ACIDIG01	SOLID	N/A	5.8500		g/L
			.2925g → .050l									
96000030	S102	28	SAMPLE	S96T000923	0	A	DOSE-02	SOLID	N/A	3.0		mrad/hour
96000030	S102	29	DUP	S96T000923	0	A	ACIDIG01	SOLID	5.8500	6.0920	N/A	g/L
			.3046g → .050l									
96000030	S102	30	DUP	S96T000923	0	A	DOSE-02	SOLID	3.0	3.5	N/A	mrad/hour

Final page for worklist # 6018

[signature] 3-21-96
Analyst Signature Date

Susan Bee 3/22/96
Analyst Signature Date

S96T000767 → S96T000918
768 → 919
769 → 920
770 → 921
771 → 922
772 → 923 RHHuth

Reviewed by R K Frick 3/22/96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6021

Analyst: CAM **Instrument:** ACD01 SN116355 **Book #** WHC1A / JLJ WHC1AN5 / WHC2 / JLJ WHC2N2

Method: LA-505-159 Rev/Mod 0-0

Worklist Comment: TANK#S-102,CORE 125,SEG,SALTCAKE&SLUDGE S102C125COMP RTS!

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK-PREP				ACIDIG01	SOLID	1	.050	N/A	g/L
		2	STD-PREP				ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96
96000030	S102	3	SAMPLE	S96T000925	0	A	ACIDIG01	SOLID	N/A	5.2380		g/L
			.2619 g → .050 l									
96000030	S102	4	SAMPLE	S96T000925	0	A	DOSE-02	SOLID	N/A	3		mrad/hour
96000030	S102	5	DUP	S96T000925	0	A	ACIDIG01	SOLID	5.2380	5.3580	N/A	g/L
			.2679 g → .050 l									
96000030	S102	6	DUP	S96T000925	0	A	DOSE-02	SOLID	3	3	N/A	mrad/hour
96000030	S102	7	SPK	S96T000925	0	A	ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96
			.2814 g → .050 l									
96000030	S102	8	SPK	S96T000925	0	A	DOSE-02	SOLID	NA	3	N/A	mrad/hour
96000030	S102	9	SAMPLE	S96T000926	0	A	ACIDIG01	SOLID	N/A	4.8000		g/L
			.2400 g → .050 l									
96000030	S102	10	SAMPLE	S96T000926	0	A	DOSE-02	SOLID	N/A	8		mrad/hour
96000030	S102	11	DUP	S96T000926	0	A	ACIDIG01	SOLID	4.8000	4.8600	N/A	g/L
			.2430 g → .050 l									
96000030	S102	12	DUP	S96T000926	0	A	DOSE-02	SOLID	8	6	N/A	mrad/hour
96000030	S102	13	SPK	S96T000926	0	A	ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. 3-14-96
			.2715 g → .050 l									
96000030	S102	14	SPK	S96T000926	0	A	DOSE-02	SOLID	NA	7	N/A	mrad/hour

Final page for worklist # 6021

CAMurphy 3-21-96
Analyst Signature **Date**

Susan Bu 3/22/96
Analyst Signature **Date**

Saltcake S102C125comp/S96T000777 → S96T000925 ~~925~~
Sludge 780 → 926

Data Entry Comments: HPT - Bill Bishop

Reviewed by RK Fuller 3/22/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
03/07/96 11:10

LABCORE Data Entry Template for Worklist# 6247

Analyst: GAM **Instrument:** ACD01 SN16355 **Book #:** WHC1A/2 WHC1A/5 WHC2/1 WHC2/2

Method: LA-505-159 Rev/Mod 0-0

Worklist Comment: TK#S-102 CORE 130,SEG 2U,3U,4U,5A ACIDIG RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			ACIDIG01	SOLID	1	.050	N/A	g/L
		2 STD-PREP			ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. GAM 3-22-96
96000094	S102	3 SAMPLE 0.2564g → .050l	S96T001181	0 A	ACIDIG01	SOLID	N/A	5.1380		g/L
96000094	S102	4 SAMPLE	S96T001181	0 A	DOSE-02	SOLID	N/A	10		mrad/hour
96000094	S102	5 SPK 0.2534g → .050l	S96T001181	0 A	ACIDIG01	SOLID	20	20	N/A	~~g/L~~ D.F. GAM 3-22-96
96000094	S102	6 SPK	S96T001181	0 A	DOSE-02	SOLID	N/A	15	N/A	mrad/hour
96000094	S102	7 DUP 0.2629g → .050l	S96T001181	0 A	ACIDIG01	SOLID	5.1380	5.2580	N/A	g/L
96000094	S102	8 DUP	S96T001181	0 A	DOSE-02	SOLID	10	10	N/A	mrad/hour
96000094	S102	9 SAMPLE 0.2544g → .050l	S96T001182	0 A	ACIDIG01	SOLID	N/A	5.0880		g/L
96000094	S102	10 SAMPLE	S96T001182	0 A	DOSE-02	SOLID	N/A	13		mrad/hour
96000094	S102	11 SPK 0.2425g → .050l	S96T001182	0 A	ACIDIG01	SOLID	GAM 3-22-96 ~~5~~ 20	20	N/A	~~g/L~~ D.F. GAM 3-22-96
96000094	S102	12 SPK	S96T001182	0 A	DOSE-02	SOLID	NA	15	N/A	mrad/hour
96000094	S102	13 DUP 0.2657g → .050l	S96T001182	0 A	ACIDIG01	SOLID	5.0880	5.3140	N/A	g/L
96000094	S102	14 DUP	S96T001182	0 A	DOSE-02	SOLID	13	15	N/A	mrad/hour
96000094	S102	15 SAMPLE 0.2639g → .050l	S96T001183	0 A	ACIDIG01	SOLID	N/A	5.2780		g/L
96000094	S102	16 SAMPLE	S96T001183	0 A	DOSE-02	SOLID	N/A	15		mrad/hour
96000094	S102	17 DUP 0.2829g → .050l	S96T001183	0 A	ACIDIG01	SOLID	5.2780	5.6580	N/A	g/L
96000094	S102	18 DUP	S96T001183	0 A	DOSE-02	SOLID	15	15	N/A	mrad/hour

Data Entry Comments: <10% solids
HPT - Gary Gunnoker

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6247

GROUP	PROJECT	S TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
96000094	S102	19 SAMPLE 0.2635 g → .0501	S96T001184	0	A	ACIDIG01	SOLID	N/A	5.2700		g/L
96000094	S102	20 SAMPLE	S96T001184	0	A	DOSE-02	SOLID	N/A	15		mrad/hour
96000094	S102	21 DUP 0.2780 g → .0501	S96T001184	0	A	ACIDIG01	SOLID	5.2700	5.5600	N/A	g/L
96000094	S102	22 DUP	S96T001184	0	A	DOSE-02	SOLID	15	17	N/A	mrad/hour

Final page for worklist # 6247

Analyst Signature: [signature] Date: 3-26-96

Analyst Signature: Keith Fuller Date: 3/26/96

S96T001141 → S96T001181
1145 → 1182
1146 → 1183
1147 → 1184

Reviewed by RK Fuller 3/26/96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6408

Analyst: EC **Instrument:** BA000 _____ **Book #** NA

Method: LO-160-103 Rev/Mod BO

Worklist Comment: S-102 C130 SEG # 8A RISER 14 EXTRUSION

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	INSTCHK01				EXTRUD01	SOLID	20	20.00	N/A	
		2	INSTCHK02				EXTRUD01	SOLID	500	500.01	N/A	
96000094	S102	3	SAMPLE	S96T001277	0		DLIQVOL1	SOLID	N/A	0		mL
96000094	S102	4	SAMPLE	S96T001277	0		DLIQWT01	SOLID	N/A	0		g
96000094	S102	5	SAMPLE	S96T001277	0		EST.G/ML	SOLID	N/A	0		g/mL
96000094	S102	6	SAMPLE	S96T001277	0		EXTRUD01	SOLID	N/A	Complete		
96000094	S102	7	SAMPLE	S96T001277	0		LLIQWT01	SOLID	N/A	0		g
96000094	S102	8	SAMPLE	S96T001277	0		NOTEBOOK	SOLID	N/A	N-1204		
96000094	S102	9	SAMPLE	S96T001277	0		SLDVOL01	SOLID	N/A	NA		mL
96000094	S102	10	SAMPLE	S96T001277	0		SLDWT-01	SOLID	N/A	286.2		g
96000094	S102	11	SAMPLE	S96T001277	0		APPEAR01	SOLID	N/A	Complete		
96000094	S102	12	SAMPLE	S96T001277	0		ORGVOL01	SOLID	N/A	0		mL

Final page for worklist # 6408

EC 3-19-96
Analyst Signature **Date**

EC 3-19-96
Analyst Signature **Date**

Reviewed by
~~Bernard~~ Griffin II
3-19-96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6409

Analyst: EC **Instrument:** BA000 _____ **Book #** NA

Method: LO-160-103 Rev/Mod B-0

Worklist Comment: S-102 C130 SEG # 9 RISER 14 EXTRUSION

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	INSTCHK01				EXTRUD01	SOLID	20	20.00	N/A	
		2	INSTCHK02				EXTRUD01	SOLID	500	500.01	N/A	
96000094	S102	3	SAMPLE	S96T001278	0		DLIQVOL1	SOLID	N/A	0		mL
96000094	S102	4	SAMPLE	S96T001278	0		DLIQWT01	SOLID	N/A	0		g
96000094	S102	5	SAMPLE	S96T001278	0		EST.G/ML	SOLID	N/A	0		g/mL
96000094	S102	6	SAMPLE	S96T001278	0		EXTRUD01	SOLID	N/A	Complete		
96000094	S102	7	SAMPLE	S96T001278	0		LLIQWT01	SOLID	N/A	0		g
96000094	S102	8	SAMPLE	S96T001278	0		NOTEBOOK	SOLID	N/A	N-204		
96000094	S102	9	SAMPLE	S96T001278	0		SLDVOL01	SOLID	N/A	NA		mL
96000094	S102	10	SAMPLE	S96T001278	0		SLDWT-01	SOLID	N/A	479.3		g
96000094	S102	11	SAMPLE	S96T001278	0		APPEAR01	SOLID	N/A	Complete		
96000094	S102	12	SAMPLE	S96T001278	0		ORGVOL01	SOLID	N/A	0		mL

Final page for worklist # 6409

[signature] 3-19-96
Analyst Signature **Date**

Reviewed by Bertrand Buffin II 3-19-96

[signature] 3-19-96
Analyst Signature **Date**

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6410

Analyst: EL **Instrument:** BA000 _____ **Book #** NA

Method: LO-160-103 Rev/Mod B-0

Worklist Comment: S-102 C130 SEG # 10 RISER 14 EXTRUSION

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	INSTCHK01				EXTRUD01	SOLID	20	20.00	N/A	
		2	INSTCHK02				EXTRUD01	SOLID	500	500.01	N/A	
96000094	S102	3	SAMPLE	S96T001279	0		DLIQVOL1	SOLID	N/A	43		mL
96000094	S102	4	SAMPLE	S96T001279	0		DLIQWT01	SOLID	N/A	43.4		g
96000094	S102	5	SAMPLE	S96T001279	0		EST.G/ML	SOLID	N/A	1		g/mL
96000094	S102	6	SAMPLE	S96T001279	0		EXTRUD01	SOLID	N/A	Complete		
96000094	S102	7	SAMPLE	S96T001279	0		LLIQWT01	SOLID	N/A	<5		g
96000094	S102	8	SAMPLE	S96T001279	0		NOTEBOOK	SOLID	N/A	N-1204		
96000094	S102	9	SAMPLE	S96T001279	0		SLDVOL01	SOLID	N/A	NA		mL
96000094	S102	10	SAMPLE	S96T001279	0		SLDWT-01	SOLID	N/A	398.1		g
96000094	S102	11	SAMPLE	S96T001279	0		APPEAR01	SOLID	N/A	complete		
96000094	S102	12	SAMPLE	S96T001279	0		ORGVOL01	SOLID	N/A	0		mL

Final page for worklist # 6410

EL 3-19-96
Analyst Signature **Date**

EL 3-19-96
Analyst Signature **Date**

Reviewed by
Bertrand Biffin II
3-19-96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
03/12/96 09:41

LABCORE Data Entry Template for Worklist# 6411

Analyst: EC **Instrument:** BA000 _____ **Book #** NA

Method: LO-160-103 Rev/Mod B0

Worklist Comment: S-102 C130 SEG # 11 RISER 14 EXTRUSION

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	INSTCHK01				EXTRUD01	SOLID	20	20.00	N/A	
		2	INSTCHK02				EXTRUD01	SOLID	500	500.01	N/A	
96000094	S102	3	SAMPLE	S96T001280	0		DLIQVOL1	SOLID	N/A	0		mL
96000094	S102	4	SAMPLE	S96T001280	0		DLIQWT01	SOLID	N/A	0		g
96000094	S102	5	SAMPLE	S96T001280	0		EST.G/ML	SOLID	N/A	0		g/mL
96000094	S102	6	SAMPLE	S96T001280	0		EXTRUD01	SOLID	N/A	complete		
96000094	S102	7	SAMPLE	S96T001280	0		LLIQWT01	SOLID	N/A	0		g
96000094	S102	8	SAMPLE	S96T001280	0		NOTEBOOK	SOLID	N/A	N-1204		
96000094	S102	9	SAMPLE	S96T001280	0		SLDVOL01	SOLID	N/A	NA		mL
96000094	S102	10	SAMPLE	S96T001280	0		SLDWT-01	SOLID	N/A	178.6		g
96000094	S102	11	SAMPLE	S96T001280	0		APPEAR01	SOLID	N/A	complete		
96000094	S102	12	SAMPLE	S96T001280	0		ORGVOL01	SOLID	N/A	0		mL

Final page for worklist # 6411

EC 3-19-96
Analyst Signature **Date**

EC 3-19-96
Analyst Signature **Date**

Reviewed by ~~Bertrand~~ Griffin II
3-19-96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6822

Analyst: KGH **Instrument:** ACD01 **Book #** WHC 2 SOTL / WHC 1 SOTJ

Method: LA-505-159 Rev/Mod D-0

Worklist Comment: TK# S-102,C.130, SEG. 8Ac,9U,9L,10U,10L,11U,11L ACIDIG01

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			ACIDIG01	SOLID	1	.050	N/A	g/L
		2 STD-PREP			ACIDIG01	SOLID	20	20	N/A	g/L
96000094	S102	3 SAMPLE .2580	S96T001486	0 A ✓ → .050 ℓ	ACIDIG01	SOLID	N/A	5.160		g/L
96000094	S102	4 SAMPLE	S96T001486	0 A	DOSE-02	SOLID	N/A	15		mrad/hour
96000094	S102	5 DUP .2491	S96T001486	0 A ✓ → .050 ℓ	ACIDIG01	SOLID	5.160	4.982	N/A	g/L
96000094	S102	6 DUP	S96T001486	0 A	DOSE-02	SOLID	15	20	N/A	mrad/hour
96000094	S102	7 SPK .2453	S96T001486	0 A ✓ → .050 ℓ	ACIDIG01	SOLID	.20	20	N/A	g/L 4.906 g/L
96000094	S102	8 SPK	S96T001486	0 A	DOSE-02	SOLID	NA	18	N/A	mrad/hour
96000094	S102	9 SAMPLE .2610	S96T001487	0 A ✓ → .050 ℓ	ACIDIG01	SOLID	N/A	5.220		g/L
96000094	S102	10 SAMPLE ~~.2611~~ 4.3.96	S96T001487	0 A	DOSE-02	SOLID	N/A	23		mrad/hour
96000094	S102	11 DUP .2495	S96T001487	0 A ✓ → .050 ℓ	ACIDIG01	SOLID	5.220	4.990	N/A	g/L
96000094	S102	12 DUP	S96T001487	0 A	DOSE-02	SOLID	23	21	N/A	mrad/hour
96000094	S102	13 SPK .2609	S96T001487	0 A ✓ → .050 ℓ	ACIDIG01	SOLID	20	20	N/A	g/L 5.218 g/L
96000094	S102	14 SPK	S96T001487	0 A	DOSE-02	SOLID	NA	23	N/A	mrad/hour
96000094	S102	15 SAMPLE .2482	S96T001488	0 A ✓ → .050 ℓ	ACIDIG01	SOLID	N/A	4.964		g/L
96000094	S102	16 SAMPLE	S96T001488	0 A	DOSE-02	SOLID	N/A	14		mrad/hour
96000094	S102	17 DUP .2544	S96T001488	0 A ✓ → .050 ℓ	ACIDIG01	SOLID	4.964	5.088	N/A	g/L
96000094	S102	18 DUP	S96T001488	0 A	DOSE-02	SOLID	14	12	N/A	mrad/hour

Data Entry Comments: ADDED 1.5ML HNO3 AND 1:1 HCL 5ML
~7% SOLIDS
HPT Scott Carbally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6822

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
96000094	S102	19 SAMPLE ·2509	S96T001489	0 A ✓	ACIDIG01	SOLID	N/A	5.018		g/L
			→ .050 l							
96000094	S102	20 SAMPLE	S96T001489	0 A	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	21 DUP ·2614	S96T001489	0 A ✓	ACIDIG01	SOLID	5.018	5.225	N/A	g/L
			→ .050 l							
96000094	S102	22 DUP	S96T001489	0 A	DOSE-02	SOLID	20	23	N/A	mrad/hour
96000094	S102	23 SAMPLE ·2570	S96T001490	0 A ✓	ACIDIG01	SOLID	N/A	5.140		g/L
			→ .050 l							
96000094	S102	24 SAMPLE	S96T001490	0 A	DOSE-02	SOLID	N/A	35		mrad/hour
96000094	S102	25 DUP ~~·2475~~ ·2450	S96T001490	0 A ✓	ACIDIG01	SOLID	5.140	4.910	N/A	g/L
			→ .050 l							
96000094	S102	26 DUP	S96T001490	0 A	DOSE-02	SOLID	35	30	N/A	mrad/hour
96000094	S102	27 SAMPLE ·2594	S96T001491	0 A ✓	ACIDIG01	SOLID	N/A	5.188		g/L
			→ .050 l							
96000094	S102	28 SAMPLE	S96T001491	0 A	DOSE-02	SOLID	N/A	45		mrad/hour
96000094	S102	29 DUP ·2642	S96T001491	0 A ✓	ACIDIG01	SOLID	5.188	5.236	N/A	g/L
			→ .050 l							
96000094	S102	30 DUP	S96T001491	0 A	DOSE-02	SOLID	45	50	N/A	mrad/hour
96000094	S102	31 SAMPLE ·2703	S96T001492	0 A ✓	ACIDIG01	SOLID	N/A	5.406		g/L
			→ .050 l							
96000094	S102	32 SAMPLE	S96T001492	0 A	DOSE-02	SOLID	N/A	45		mrad/hour
96000094	S102	33 DUP ·2769	S96T001492	0 A ✓	ACIDIG01	SOLID	5.406	5.538	N/A	g/L
			→ .050 l							
96000094	S102	34 DUP	S96T001492	0 A	DOSE-02	SOLID	45	35	N/A	mrad/hour

Final page for worklist # 6822

[signature] 4-4-96
Analyst Signature **Date**

Susan Bell 4/08/96
Analyst Signature **Date**

S96T001431	→ S96T001486
1441	→ 1487
1442	→ 1488
1432	1489
1433	1490
1434	1491
1435	1492

Reviewed by R K Fulk 4/8/96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7129

Analyst: KCH **Instrument:** ACD01 3246355 **Book #** WHC 4A /50TJ WHC 2 /50TC

Method: LA-505-159 Rev/Mod D-O

Worklist Comment: S-102 C130 Seg 6Au,6Bl,7U,8U,8A,8Ab,8Ac Acid dig skb

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			ACIDIG01	SOLID	1	.050	N/A	g/L
		2 STD-PREP			ACIDIG01	SOLID	20	20	N/A	g/L
96000094	S102	3 SAMPLE ~~.4799~~ .4799 KH 4-2-96	S96T001479	0 A	ACIDIG01	SOLID	N/A	9.598		g/L
								→ .050 l		
96000094	S102	4 SAMPLE	S96T001479	0 A	DOSE-02	SOLID	N/A	14		mrad/hour
96000094	S102	5 DUP .4769	S96T001479	0 A	ACIDIG01	SOLID	KH 4-4-96 ~~9.535~~ ~~9.598~~ 9.598	9.535	N/A	g/L
								→ .050 l		
96000094	S102	6 DUP	S96T001479	0 A	DOSE-02	SOLID	14	13	N/A	mrad/hour
96000094	S102	7 SPK .4690	S96T001479	0 A	ACIDIG01	SOLID	~~9.535~~ 20 KH 4-4-96	~~9.386~~ 20	N/A	g/L
								→ .050 l		
96000094	S102	8 SPK	S96T001479	0 A	DOSE-02	SOLID	NA	15	N/A	mrad/hour
96000094	S102	9 SAMPLE .2501	S96T001480	0 A	ACIDIG01	SOLID	N/A	5.002		g/L
								→ .050 l		
96000094	S102	10 SAMPLE	S96T001480	0 A	DOSE-02	SOLID	N/A	4		mrad/hour
96000094	S102	11 DUP .2549	S96T001480	0 A	ACIDIG01	SOLID	5.002	5.098	N/A	g/L
								→ .050 l		
96000094	S102	12 DUP	S96T001480	0 A	DOSE-02	SOLID	4	5	N/A	mrad/hour
96000094	S102	13 SPK .2452	S96T001480	0 A	ACIDIG01	SOLID	~~5.098~~ 20 KH 4-4-96	20	N/A	g/L
								→ .050 l		
96000094	S102	14 SPK	S96T001480	0 A	DOSE-02	SOLID	NA	5	N/A	mrad/hour
96000094	S102	15 SAMPLE .2545	S96T001481	0 A	ACIDIG01	SOLID	N/A	5.090		g/L
								→ .050 l		
96000094	S102	16 SAMPLE	S96T001481	0 A	DOSE-02	SOLID	N/A	5		mrad/hour
96000094	S102	17 DUP .2456	S96T001481	0 A	ACIDIG01	SOLID	5.090	4.912	N/A	g/L
								→ .050 l		
96000094	S102	18 DUP	S96T001481	0 A	DOSE-02	SOLID	5	6	N/A	mrad/hour

Data Entry Comments:

ADDED 1.5ML HNO3 AND 1:1 HCL 5ML.
< 1% SOLIDS
HPT Scott Carbally

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7129

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
96000094	S102	19 SAMPLE .2603	S96T001482	0 A ✓	ACIDIG01	SOLID	N/A	5.2026		g/L
			→.050 ℓ							
96000094	S102	20 SAMPLE	S96T001482	0 A	DOSE-02	SOLID	N/A	8		mrad/hour
96000094	S102	21 DUP .2639	S96T001482	0 A ✓	ACIDIG01	SOLID	5.2026	5.278	N/A	g/L
			→.050 ℓ							
96000094	S102	22 DUP	S96T001482	0 A	DOSE-02	SOLID	8	10	N/A	mrad/hour
96000094	S102	23 SPK .2615	S96T001482	0 A ✓	ACIDIG01	SOLID	20	20	N/A	g/L
			→.050 ℓ							
96000094	S102	24 SPK	S96T001482	0 A	DOSE-02	SOLID	NA	16	N/A	mrad/hour
96000094	S102	25 SAMPLE ~~.2534~~ .2444	S96T001483	0 A ✓	ACIDIG01	SOLID	N/A	4.888		g/L
			JF 4-3-96		—.050 ℓ					
96000094	S102	26 SAMPLE	S96T001483	0 A	DOSE-02	SOLID	N/A	10		mrad/hour
96000094	S102	27 DUP ~~.2566~~ .2475	S96T001483	0 A ✓	ACIDIG01	SOLID	4.888	4.870	N/A	g/L
			JF 4-3-96		—.050 ℓ					
96000094	S102	28 DUP	S96T001483	0 A	DOSE-02	SOLID	10	8	N/A	mrad/hour
96000094	S102	29 SAMPLE .2596	S96T001484	0 A ✓	ACIDIG01	SOLID	N/A	5.192		g/L
			→.050 ℓ							
96000094	S102	30 SAMPLE	S96T001484	0 A	DOSE-02	SOLID	N/A	12		mrad/hour
96000094	S102	31 DUP .2622	S96T001484	0 A ✓	ACIDIG01	SOLID	5.192	5.244	N/A	g/L
			→.050 ℓ							
96000094	S102	32 DUP	S96T001484	0 A	DOSE-02	SOLID	12	11	N/A	mrad/hour
96000094	S102	33 SAMPLE .2422	S96T001485	0 A ✓	ACIDIG01	SOLID	N/A	4.844		g/L
			→.050 ℓ							
96000094	S102	34 SAMPLE	S96T001485	0 A	DOSE-02	SOLID	N/A	40		mrad/hour
96000094	S102	35 DUP .2504	S96T001485	0 A ✓	ACIDIG01	SOLID	4.844	5.008	N/A	g/L
			→.050 ℓ							
96000094	S102	36 DUP	S96T001485	0 A	DOSE-02	SOLID	40	50	N/A	mrad/hour

Final page for worklist # 7129

[signature] 4-4-96
Analyst Signature **Date**

Keith Fuller 4/8/96
Analyst Signature **Date**

Data Entry Comments: Reviewed by RKFuller 4/8/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7129

GROUP	PROJECT	S TYPE	SAMPLE#	R A -------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT

596T001386	→	596T001479
1399	→	1480
1401	→	1481
1390		1482
1409		1483
1429		1484
1430		1485

Accidently weighed out .5 for sample, Dup + Spike on 596T001479. JF

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7246

Analyst: GAM **Instrument:** ACD01 SN16355 **Book #** WHC1A/SG3WHC1AN5 WHC2/SG3WHC2N2

Method: LA-505-159 Rev/Mod D-0

Worklist Comment: TK#2-102,CORE 130,COMP-SALTCAKE,SLUDGE,SC/SL ACIDIGO1 RTS!

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK-PREP				ACIDIGO1	SOLID	1	.100	N/A	g/L
		2	STD-PREP				ACIDIGO1	SOLID	20	20	N/A	~~g/L~~ D.F. 4-23-96 GAM
96000094	S102	3	SAMPLE	S96T001586	0	A	ACIDIGO1	SOLID	N/A	1.7700		g/L
			.1770g → .100l									
96000094	S102	4	SAMPLE	S96T001586	0	A	DOSE-02	SOLID	N/A	15		mrad/hour
96000094	S102	5	DUP	S96T001586	0	A	ACIDIGO1	SOLID	1.7700	1.6930	N/A	g/L
			.1693g → .100l									
96000094	S102	6	DUP	S96T001586	0	A	DOSE-02	SOLID	15	12	N/A	mrad/hour
96000094	S102	7	SPK	S96T001586	0	A	ACIDIGO1	SOLID	20	20	N/A	~~g/L~~ D.F. 4-23-96 GAM
			.1872g → .100l									
96000094	S102	8	SPK	S96T001586	0	A	DOSE-02	SOLID	N/A	10	N/A	mrad/hour
96000094	S102	9	SAMPLE	S96T001587	0	A	ACIDIGO1	SOLID	N/A	1.9350		g/L
			.1935g → .100l									
96000094	S102	10	SAMPLE	S96T001587	0	A	DOSE-02	SOLID	N/A	30		mrad/hour
96000094	S102	11	DUP	S96T001587	0	A	ACIDIGO1	SOLID	1.9350	1.6520	N/A	g/L
			.1652g → .100l									
96000094	S102	12	DUP	S96T001587	0	A	DOSE-02	SOLID	30	25	N/A	mrad/hour
96000094	S102	13	SAMPLE	S96T001588	0	A	ACIDIGO1	SOLID	N/A	1.9430		g/L
			.1943g → .100l									
96000094	S102	14	SAMPLE	S96T001588	0	A	DOSE-02	SOLID	N/A	30		mrad/hour
96000094	S102	15	DUP	S96T001588	0	A	ACIDIGO1	SOLID	1.9430	2.3570	N/A	g/L
			.2357g → .100l									
96000094	S102	16	DUP	S96T001588	0	A	DOSE-02	SOLID	30	50	N/A	mrad/hour

S96T001577 → S96T001586
1578 → 1587
1579 → 1588 RHLbt

Data Entry Comments: <10% solids

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7246

GROUP	PROJECT	S TYPE	SAMPLE#	R A -------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT

Final page for worklist # 7246

Analyst Signature / Date: 4-26-96

Analyst Signature / Date: 4/26/96

Bertrand Griffin II
4-29-96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
04/25/96 17:20

LABCORE Data Entry Template for Worklist# 7247

Analyst: JDM **Instrument:** H2O01 SN116355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TK#2-102,CORE 130,COMP-SALTCAKE,SLUDGE,SC/SL H2ODIG-ICP,RTS

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	0.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T001589	0 W	H2ODIG01	SOLID	N/A	5.6550		g/L
		0.5655g → 0.100ℓ								
96000094	S102	3 SAMPLE	S96T001589	0 W	DOSE-02	SOLID	N/A	25		mrad/hour
96000094	S102	4 DUP	S96T001589	0 W	H2ODIG01	SOLID	5.6550	5.7200	N/A	g/L
		~~0.52~~ 0.5720g → 0.100ℓ								
96000094	S102	5 DUP	S96T001589	0 W	DOSE-02	SOLID	25	25	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T001592	0 I	H2OICP01	SOLID	N/A	5.5081		g/L
		5.6550 ÷ 1.0266 =			ICP					
96000094	S102	7 SAMPLE	S96T001592	0 I	DOSE-02	SOLID	N/A	4		mrad/hour
96000094	S102	8 DUP	S96T001592	0 I	H2OICP01	SOLID	5.5081	5.5714	N/A	g/L
		5.7200 ÷ 1.0266 =								
96000094	S102	9 DUP	S96T001592	0 I	DOSE-02	SOLID	4	4	N/A	mrad/hour
96000094	S102	10 SAMPLE	S96T001590	0 W	H2ODIG01	SOLID	N/A	5.3470		g/L
		0.5347g → 0.100ℓ								
96000094	S102	11 SAMPLE	S96T001590	0 W	DOSE-02	SOLID	N/A	7		mrad/hour
96000094	S102	12 DUP	S96T001590	0 W	H2ODIG01	SOLID	5.3470	4.8470	N/A	g/L
		0.4847g → 0.100ℓ								
96000094	S102	13 DUP	S96T001590	0 W	DOSE-02	SOLID	7	20	N/A	mrad/hour
96000094	S102	14 SAMPLE	S96T001593	0 I	H2OICP01	SOLID	N/A	5.2081		g/L
		5.3470 ÷ 1.0266 =			ICP					
96000094	S102	15 SAMPLE	S96T001593	0 I	DOSE-02	SOLID	N/A	7		mrad/hour
96000094	S102	16 DUP	S96T001593	0 I	H2OICP01	SOLID	5.2081	4.7211	N/A	g/L
		4.8470 ÷ 1.0266 =								
96000094	S102	17 DUP	S96T001593	0 I	DOSE-02	SOLID	7	4	N/A	mrad/hour
96000094	S102	18 SAMPLE	S96T001591	0 W	H2ODIG01	SOLID	N/A	5.3560		g/L
		0.5356g → 0.100ℓ								

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7247

GROUP	PROJECT	S TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
96000094	S102	19 SAMPLE	S96T001591	0	W	DOSE-02	SOLID	N/A	25		mrad/hour
96000094	S102	20 DUP	S96T001591	0	W	H2ODIG01	SOLID	5.3560	5.6680	N/A	g/L
		0.5668 g → 0.100 ℓ									
96000094	S102	21 DUP	S96T001591	0	W	DOSE-02	SOLID	25	25	N/A	mrad/hour
96000094	S102	22 SAMPLE	S96T001594	0	I	H2OICP01	SOLID	N/A	5.2168		g/L
		5.3560 ÷ 1.0266 =									
96000094	S102	23 SAMPLE	S96T001594	0	I	DOSE-02	SOLID	N/A	7		mrad/hour
96000094	S102	24 DUP	S96T001594	0	I	H2OICP01	SOLID	5.2168	5.5207	N/A	g/L
		5.6680 ÷ 1.0266 =									
96000094	S102	25 DUP	S96T001594	0	I	DOSE-02	SOLID	7	4	N/A	mrad/hour

CP

Final page for worklist # 7247

[signature] 4-26-96
Analyst Signature Date

[signature] 4/29/96
Analyst Signature Date

DIRECT	H2ODIG01	H2OICP01
S96T001577 →	S96T001589 →	S96T001592
1578	1590	1593
1579	1591	1594

Data Entry Comments: Reviewed by RK Fulle 5/6/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 9367

Analyst: GAM **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: S-102 C125 SEG.7U H2OICP01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000030	S102	2 SAMPLE	S96T003183	0 W	H2ODIG01	SOLID	N/A	5.1640		g/L
		0.5164g → .1000								
96000030	S102	3 SAMPLE	S96T003183	0 W	DOSE-02	SOLID	N/A	30		mrad/hour
96000030	S102	4 DUP	S96T003183	0 W	H2ODIG01	SOLID	5.1640	4.6180	N/A	g/L
		0.4618g → .1000								
96000030	S102	5 DUP	S96T003183	0 W	DOSE-02	SOLID	30	30	N/A	mrad/hour
96000030	S102	6 SAMPLE	S96T003184	0 I	H2OICP01	SOLID	N/A	5.0297		g/L
		5.1640g/L ÷ 1.0267								
96000030	S102	7 SAMPLE	S96T003184	0 I	DOSE-02	SOLID	N/A	10		mrad/hour
96000030	S102	8 DUP	S96T003184	0 I	H2OICP01	SOLID	5.0297	4.4979	N/A	g/L
		4.6180g/L ÷ 1.0267								
96000030	S102	9 DUP	S96T003184	0 I	DOSE-02	SOLID	10	10	N/A	mrad/hour

Final page for worklist # 9367

GAMurphy 6-13-96
Analyst Signature **Date**

Susan Bee 6/14/96
Analyst Signature **Date**

S96T000764 → S96T003183 → S96T003184 (ICP)

Data Entry Comments: HPT - Charlene Cooper

Reviewed by RKTulle 6/14/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 9369

Analyst: JAM **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: S-102 C125 SEG.7L H2OICP01

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK-PREP				H2ODIG01	SOLID	1	.100	N/A	g/L
96000030	S102	2	SAMPLE	S96T003185	0	W	H2ODIG01	SOLID	N/A	5.2610		g/L
			0.5261g → .100l									
96000030	S102	3	SAMPLE	S96T003185	0	W	DOSE-02	SOLID	N/A	20		mrad/hour
96000030	S102	4	DUP	S96T003185	0	W	H2ODIG01	SOLID	5.2610	2.2320	N/A	g/L
			0.5232g → .100l									
96000030	S102	5	DUP	S96T003185	0	W	DOSE-02	SOLID	20	25	N/A	mrad/hour
96000030	S102	6	SAMPLE	S96T003188	0	I	H2OICP01	SOLID	N/A	5.1242		g/L
			5.2610g/L ÷ 1.0267									
96000030	S102	7	SAMPLE	S96T003188	0	I	DOSE-02	SOLID	N/A	10		mrad/hour
96000030	S102	8	DUP	S96T003188	0	I	H2OICP01	SOLID	5.1242	5.0959	N/A	g/L
			5.2320g/L ÷ 1.0267									
96000030	S102	9	DUP	S96T003188	0	I	DOSE-02	SOLID	10	10	N/A	mrad/hour

ICP

Final page for worklist # 9369

JAMurphy 6-13-96
Analyst Signature **Date**

Susan Bee 6/14/96
Analyst Signature **Date**

S96T000765 → S96T003185 → S96T003188 (ICP)

Data Entry Comments: HPT Charlene Cooper

Reviewed by: RK Fritz 6/14/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 9370

Analyst: PAM **Instrument:** H2O01 SN46355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: S-102 C125 9U H2OICP01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000030	S102	2 SAMPLE	S96T003186	0 W	H2ODIG01	SOLID	N/A	4.4760		g/L
		0.4476 g → .100 l								
96000030	S102	3 SAMPLE	S96T003186	0 W	DOSE-02	SOLID	N/A	15		mrad/hour
96000030	S102	4 DUP	S96T003186	0 W	H2ODIG01	SOLID	4.4760	4.2410	N/A	g/L
		0.4241 g → .100 l								
96000030	S102	5 DUP	S96T003186	0 W	DOSE-02	SOLID	15	18	N/A	mrad/hour
96000030	S102	6 SAMPLE	S96T003189	0 I	H2OICP01	SOLID	N/A	4.3596		g/L
		4.4760 g/L ÷ 1.0267								
96000030	S102	7 SAMPLE	S96T003189	0 I	DOSE-02	SOLID	N/A	10		mrad/hour
96000030	S102	8 DUP	S96T003189	0 I	H2OICP01	SOLID	4.3596	4.1307	N/A	g/L
		4.2410 g/L ÷ 1.0267								
96000030	S102	9 DUP	S96T003189	0 I	DOSE-02	SOLID	10	10	N/A	mrad/hour

Final page for worklist # 9370

PAMurphy 6-13-96
Analyst Signature **Date**

Susan Bee 6/14/96
Analyst Signature **Date**

ICP

S96T000768 → S96T003186 → S96T003189

Data Entry Comments: HPT - Charlene Cooper Reviewed by RK Fuller 6/14/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 9373

Analyst: CMM **Instrument:** H2O01 SN16359 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: S-102 C125 SEG.9L H2OICP01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000030	S102	2 SAMPLE	S96T003187	0 W	H2ODIG01	SOLID	N/A	4.4050		g/L
		0.4405g → .100l								
96000030	S102	3 SAMPLE	S96T003187	0 W	DOSE-02	SOLID	N/A	20		mrad/hour
96000030	S102	4 DUP	S96T003187	0 W	H2ODIG01	SOLID	4.4050	4.4980	N/A	g/L
		0.4998g → .100l								
96000030	S102	5 DUP	S96T003187	0 W	DOSE-02	SOLID	20	15	N/A	mrad/hour
96000030	S102	6 SAMPLE	S96T003190	0 I	H2OICP01	SOLID	N/A	4.2904		g/L
		4.4050g/L ÷ 1.0267								
96000030	S102	7 SAMPLE	S96T003190	0 I	DOSE-02	SOLID	N/A	13		mrad/hour
96000030	S102	8 DUP	S96T003190	0 I	H2OICP01	SOLID	4.2904	4.8680	N/A	g/L
		4.9980g/L ÷ 1.0267								
96000030	S102	9 DUP	S96T003190	0 I	DOSE-02	SOLID	13	15	N/A	mrad/hour

Final page for worklist # 9373

CMMurphy 6-13-96
Analyst Signature **Date**

Susan Bee 6/14/96
Analyst Signature **Date**

TCP

S96T001442 → S96T003193 → S96T003196

Data Entry Comments: HT - Charlene Cooper

Reviewed by RKtucc 6/14/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 9375

Analyst: JAM **Instrument:** H2O01 SN16555 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: S-102 C130 SEG.7U H2OICP01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T003191	0 W	H2ODIG01	SOLID	N/A	5.0750		g/L
		0.5075 g → .1001								
96000094	S102	3 SAMPLE	S96T003191	0 W	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	4 DUP	S96T003191	0 W	H2ODIG01	SOLID	5.0750	4.9290	N/A	g/L
		0.4929g → .1001								
96000094	S102	5 DUP	S96T003191	0 W	DOSE-02	SOLID	20	20	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T003194	0 I	H2OICP01	SOLID	N/A	4.9430		g/L
		5.0750g/L ÷ 1.0267			ICP					
96000094	S102	7 SAMPLE	S96T003194	0 I	DOSE-02	SOLID	N/A	10		mrad/hour
96000094	S102	8 DUP	S96T003194	0 I	H2OICP01	SOLID	4.9430	4.8008	N/A	g/L
		6-13-96 5 4.9290g/L ÷ 1.0267								
96000094	S102	9 DUP	S96T003194	0 I	DOSE-02	SOLID	10	10	N/A	mrad/hour

Final page for worklist # 9375

JAMurphy 6-13-96
Analyst Signature **Date**

Susan Bee 6/14/96
Analyst Signature **Date**

S96T001390 → S96T003191 → S96T003194 (ICP)

Data Entry Comments: HPT - Charlene Cooper Reviewed by RK Fuller 6/14/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
06/05/96 10:30

LABCORE Data Entry Template for Worklist# 9376

Analyst: [illegible] **Instrument:** H2O01 SN16355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: S-102 C130 SEG.9U H2OICP01 SK

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T003192	0 W	H2ODIG01	SOLID	N/A	4.8280		g/L
		0.4828g → .1001								
96000094	S102	3 SAMPLE	S96T003192	0 W	DOSE-02	SOLID	N/A	20		mrad/hour
96000094	S102	4 DUP	S96T003192	0 W	H2ODIG01	SOLID	4.8280	5.1730	N/A	g/L
		0.5173g → .1001								
96000094	S102	5 DUP	S96T003192	0 W	DOSE-02	SOLID	20	15	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T003195	0 I	H2OICP01	SOLID	N/A	4.7024		g/L
		4.8280g/L ÷ 1.0267								
96000094	S102	7 SAMPLE	S96T003195	0 I	DOSE-02	SOLID	N/A	10		mrad/hour
96000094	S102	8 DUP	S96T003195	0 I	H2OICP01	SOLID	4.7024	5.0385	N/A	g/L
		5.1730g/L ÷ 1.0267								
96000094	S102	9 DUP	S96T003195	0 I	DOSE-02	SOLID	10	10	N/A	mrad/hour

ICP

Final page for worklist # 9376

[illegible] 6-13-96
Analyst Signature **Date**

Susan Bee 6/14/96
Analyst Signature **Date**

S96T001HH1 → S96T003192 → S96T003195 (ICP)

Data Entry Comments: HPT · Charlene Cooper Reviewed by RK [illegible] 6/14/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 9377

Analyst: [illegible] **Instrument:** H2O01 SN116355 **Book #** _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: S-102 C130 SEG.9L H2OICP01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	1	.100	N/A	g/L
96000094	S102	2 SAMPLE	S96T003193	0 W	H2ODIG01	SOLID	N/A	4.4740		g/L
		0.4474 g → .100 l								
96000094	S102	3 SAMPLE	S96T003193	0 W	DOSE-02	SOLID	N/A	18		mrad/hour
96000094	S102	4 DUP	S96T003193	0 W	H2ODIG01	SOLID	4.4740	4.6700	N/A	g/L
		0.4670 g → .100 l								
96000094	S102	5 DUP	S96T003193	0 W	DOSE-02	SOLID	18	18	N/A	mrad/hour
96000094	S102	6 SAMPLE	S96T003196	0 I	H2OICP01	SOLID	N/A	4.3577		g/L
		4.4740 g/L ÷ 1.0267								
96000094	S102	7 SAMPLE	S96T003196	0 I	DOSE-02	SOLID	N/A	12		mrad/hour
96000094	S102	8 DUP	S96T003196	0 I	H2OICP01	SOLID	4.3577	4.5486	N/A	g/L
		4.6700 g/L ÷ 1.0267								
96000094	S102	9 DUP	S96T003196	0 I	DOSE-02	SOLID	12	14	N/A	mrad/hour

Final page for worklist # 9377

[illegible] 6-13-96
Analyst Signature **Date**

Susan Bee 6/14/96
Analyst Signature **Date**

ICP

S96T000769 → S96T003187 → S96T003190

Data Entry Comments: HPT. Charlene Cooper Reviewed by R Y Fuller 6/14/96

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

INORGANIC ANALYSES

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LABCORE Data Entry Template for Worklist# 7990

Analyst: RDM **Instrument:** DSC0 3 **Book #** 12N14B

Method: LA-514-114 Rev/Mod C-1

Worklist Comment: S-102 DSC RUN UNDER N2. RCJ

GROUP	PROJECT	S TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 STD				DSC-03	SOLID	28.45	28.59	N/A	Joules/g
96000094	S102	2 SAMPLE	S96T001577	0		DSC-03	SOLID	N/A	Ø		Joules/g
96000094	S102	3 DUP	S96T001577	0		DSC-03	SOLID	Ø	Ø	N/A	Joules/g
96000094	S102	4 SAMPLE	S96T001578	0		DSC-03	SOLID	N/A	Ø		Joules/g
96000094	S102	5 DUP	S96T001578	0		DSC-03	SOLID	Ø	Ø	N/A	Joules/g

Final page for worklist # 7990

See attached for signatures
Analyst Signature **Date** 5/8/96 BDY

Analyst Signature **Date** 5-8-96

Validated by H Anastos 5-10-96

S96T001577 produced two endotherms one at 126.8°C with a delta H of 1068.5 J/g and second at 454.6°C with a delta H of 3.94 J/g.

Data Entry Comments: S96T001578 produced an endotherm at 124.6°C with a delta H of 1359.5 J/g.

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7990

Analyst: [illegible] **Instrument:** DSC0 _____ **Book #** 12NH-B

Method: LA-514-113 Rev/Mod C-1

Worklist Comment: S-102 DSC RUN UNDER N2. RCJ

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	STD				DSC-01	SOLID			N/A	Joules/g
96000094	S102	2	SAMPLE	S96T001577	0		DSC-01	SOLID	N/A			Joules/g
96000094	S102	3	DUP	S96T001577	0		DSC-01	SOLID			N/A	Joules/g
96000094	S102	4	SAMPLE	S96T001578	0		DSC-01	SOLID	N/A			Joules/g
96000094	S102	5	DUP	S96T001578	0		DSC-01	SOLID			N/A	Joules/g

Final page for worklist # 7990

[illegible] 5/7/96
Analyst Signature **Date**

[illegible] 5-7-96

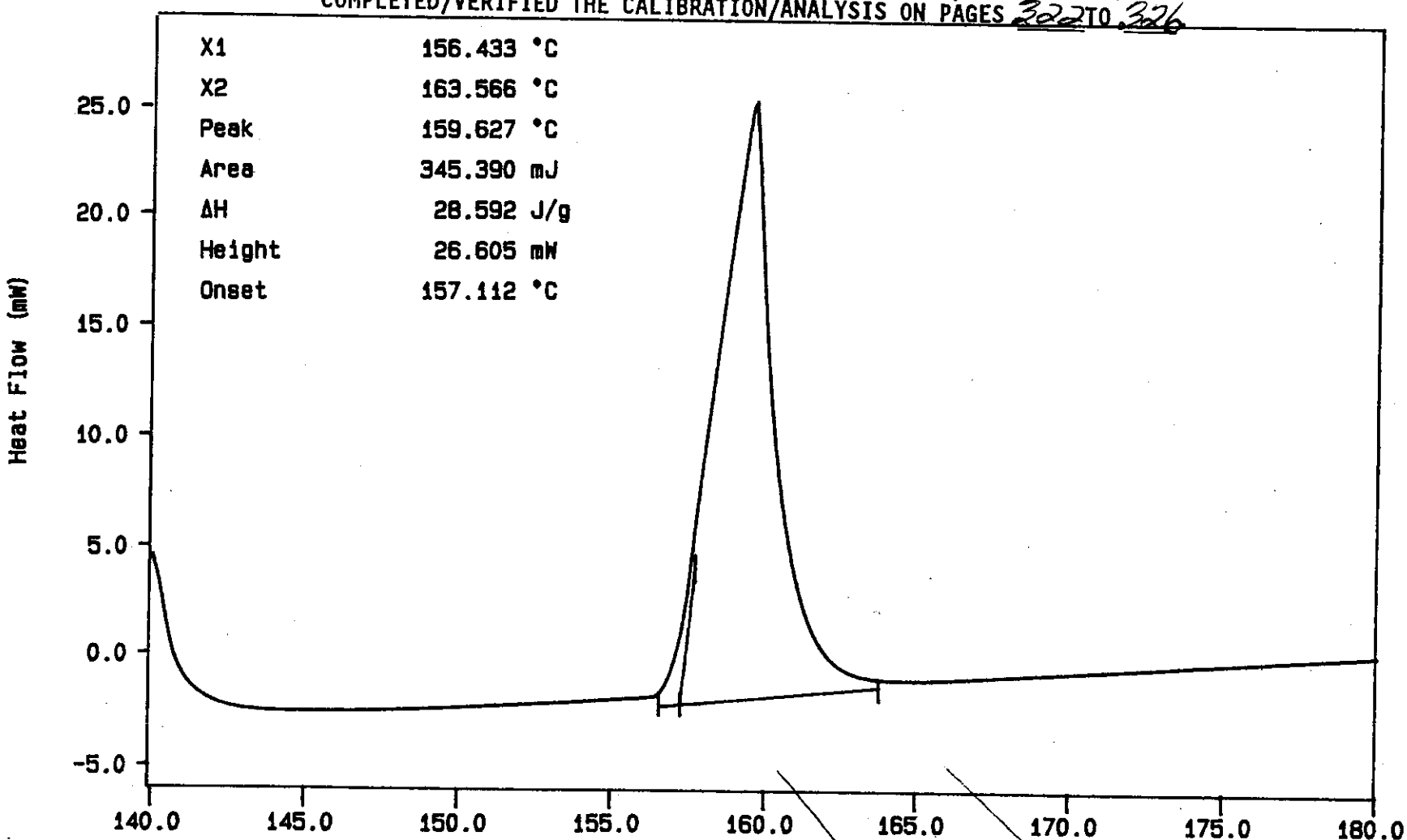
Analyst Signature **Date**

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Curve 1: DSC
File info: IND050701 Tue May 7 13:15:34 1996
Sample Weight: 12.080 mg
12N14-B INDIUM AT 10C\MIN

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 322 TO 326

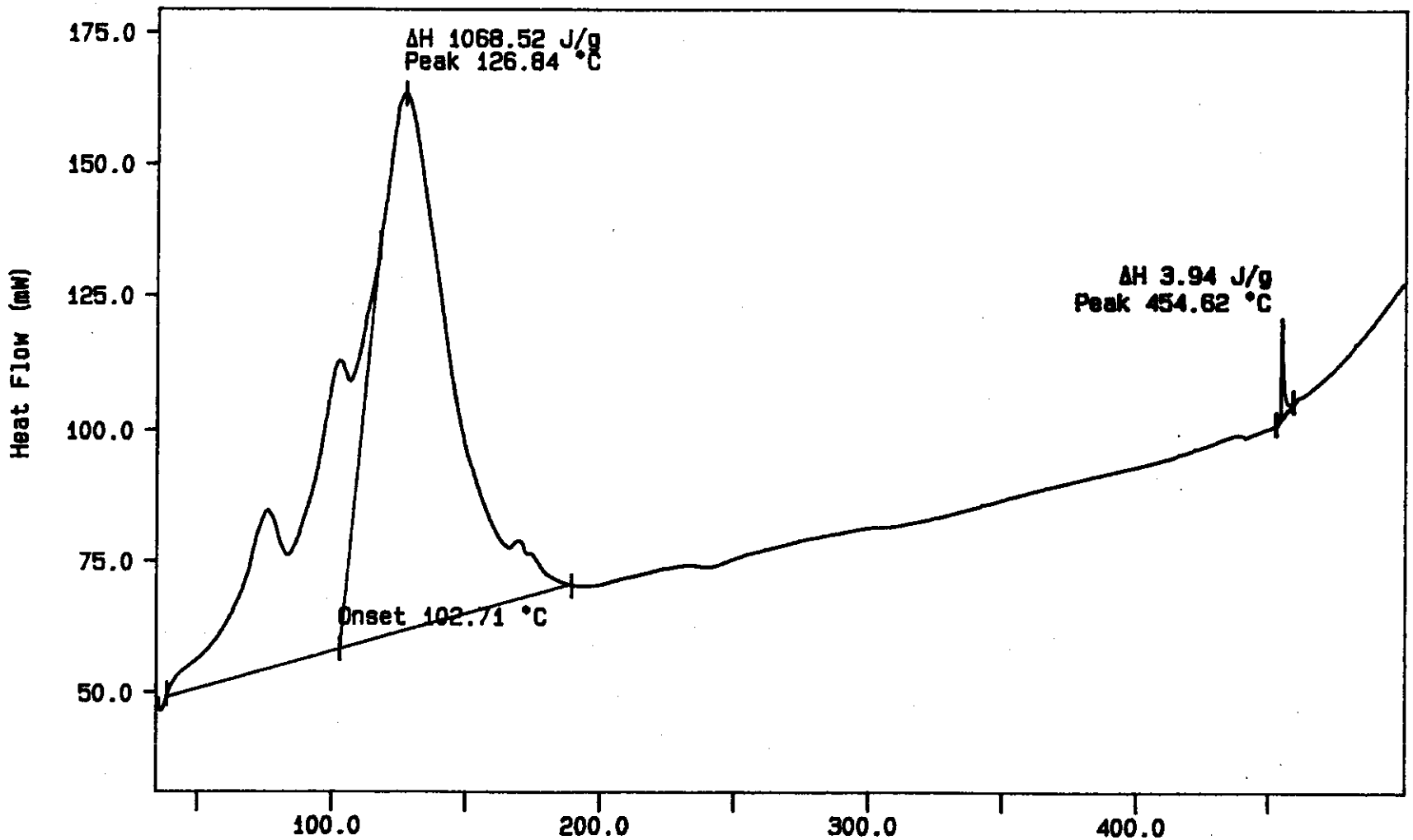


N2, EXOTHERM DOWN

TEMP1: 140.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 180.0 C

RD MEYERS
PERKIN-ELMER
7 Series Thermal Analysis System
Tue May 7 13:17:24 1996

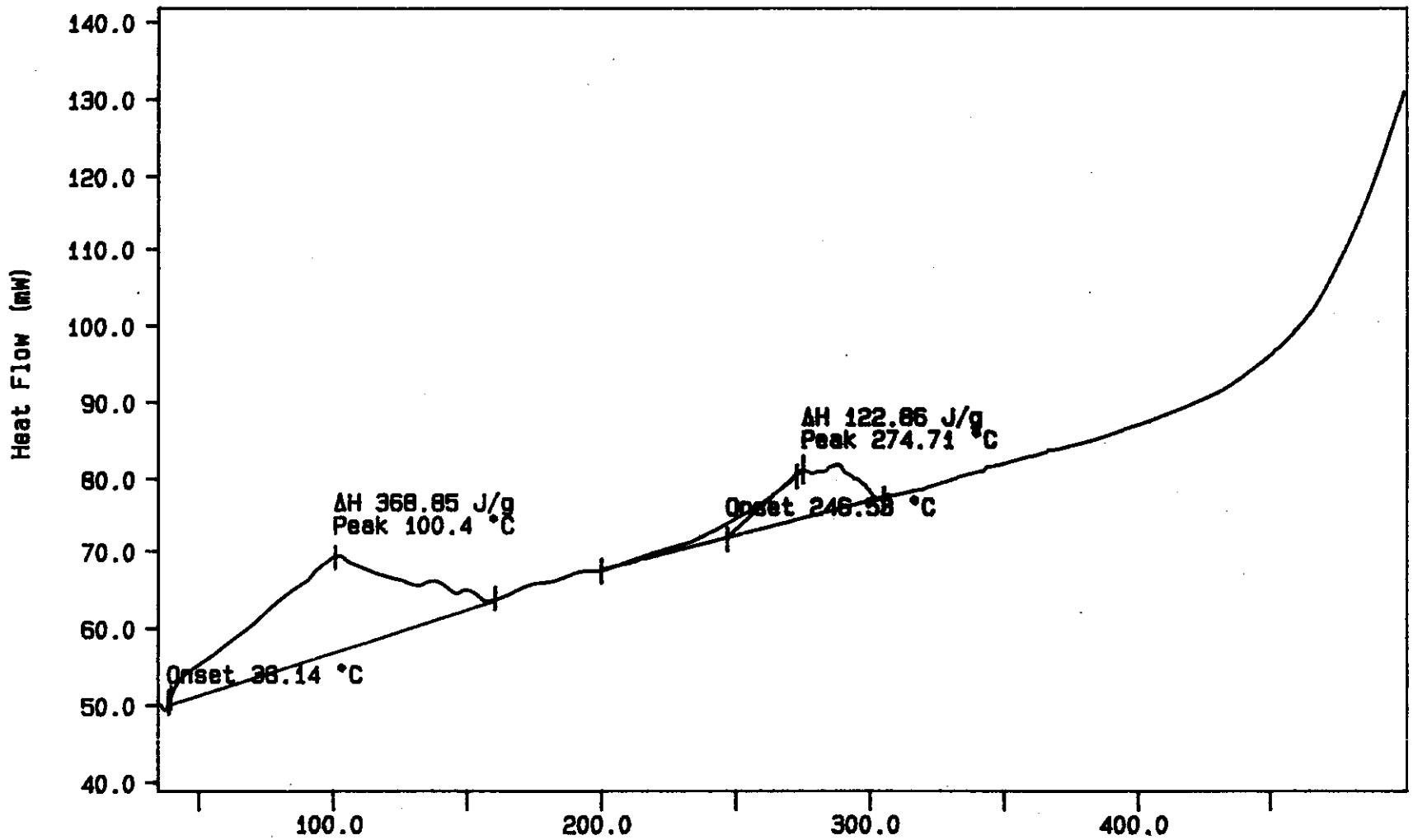
Curve 1: DSC
File info: SAM050701 Tue May 7 16:33:09 1996
Sample Weight: 28.180 mg
S96T001577



exotherm down, N2 purge gas
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 500.0 C

RD MEYERS
PERKIN-ELMER
7 Series Thermal Analysis System
Tue May 7 20:31:13 1996

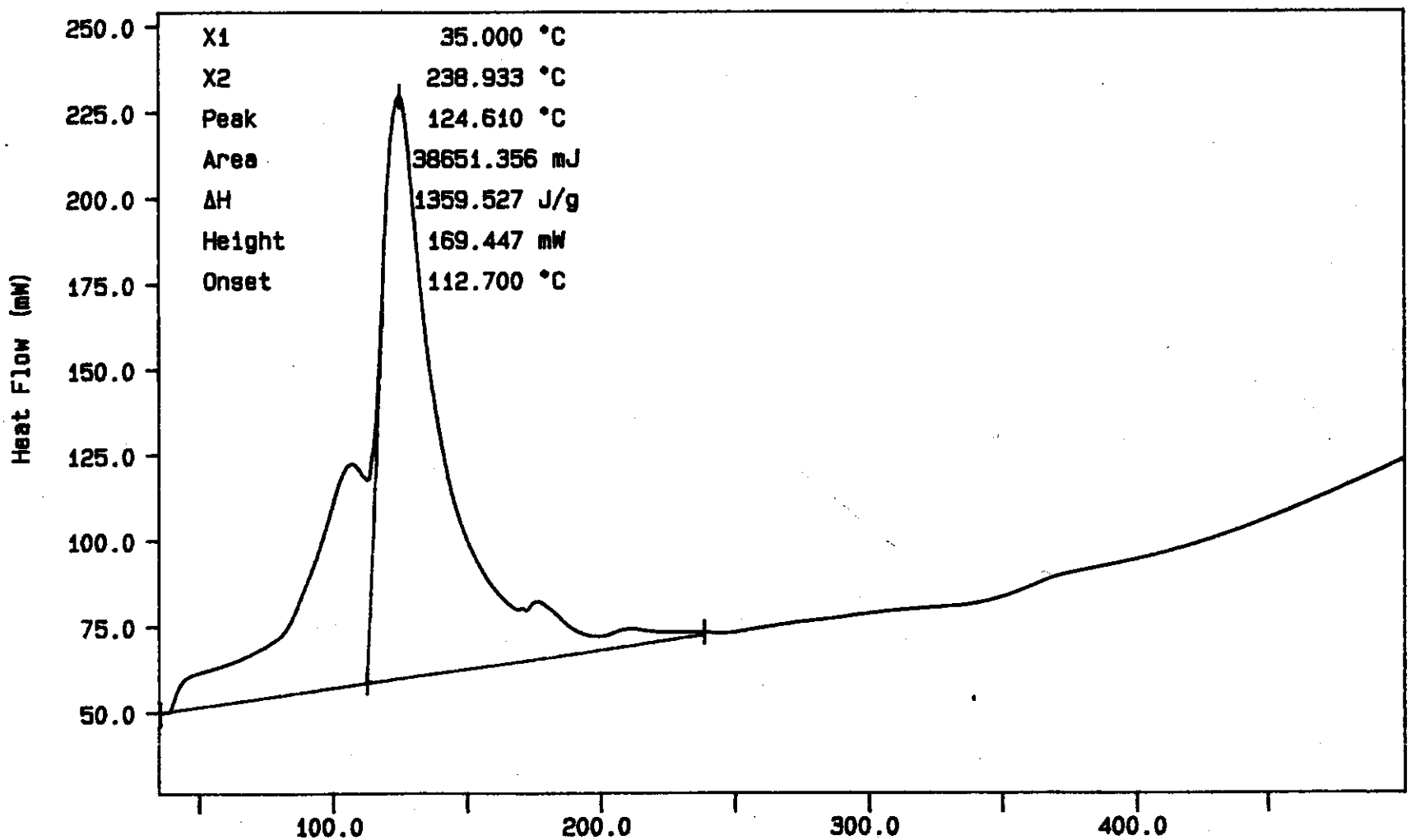
Curve 1: DSC
File info: SAM050702 Tue May 7 21:56:45 1996
Sample Weight: 12.930 mg
S96T001577 DUP



exotherm down, N2 purge gas
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 500.0 C

KR MONTEITH
PERKIN-ELMER
7 Series Thermal Analysis System
Tue May 7 21:58:30 1996

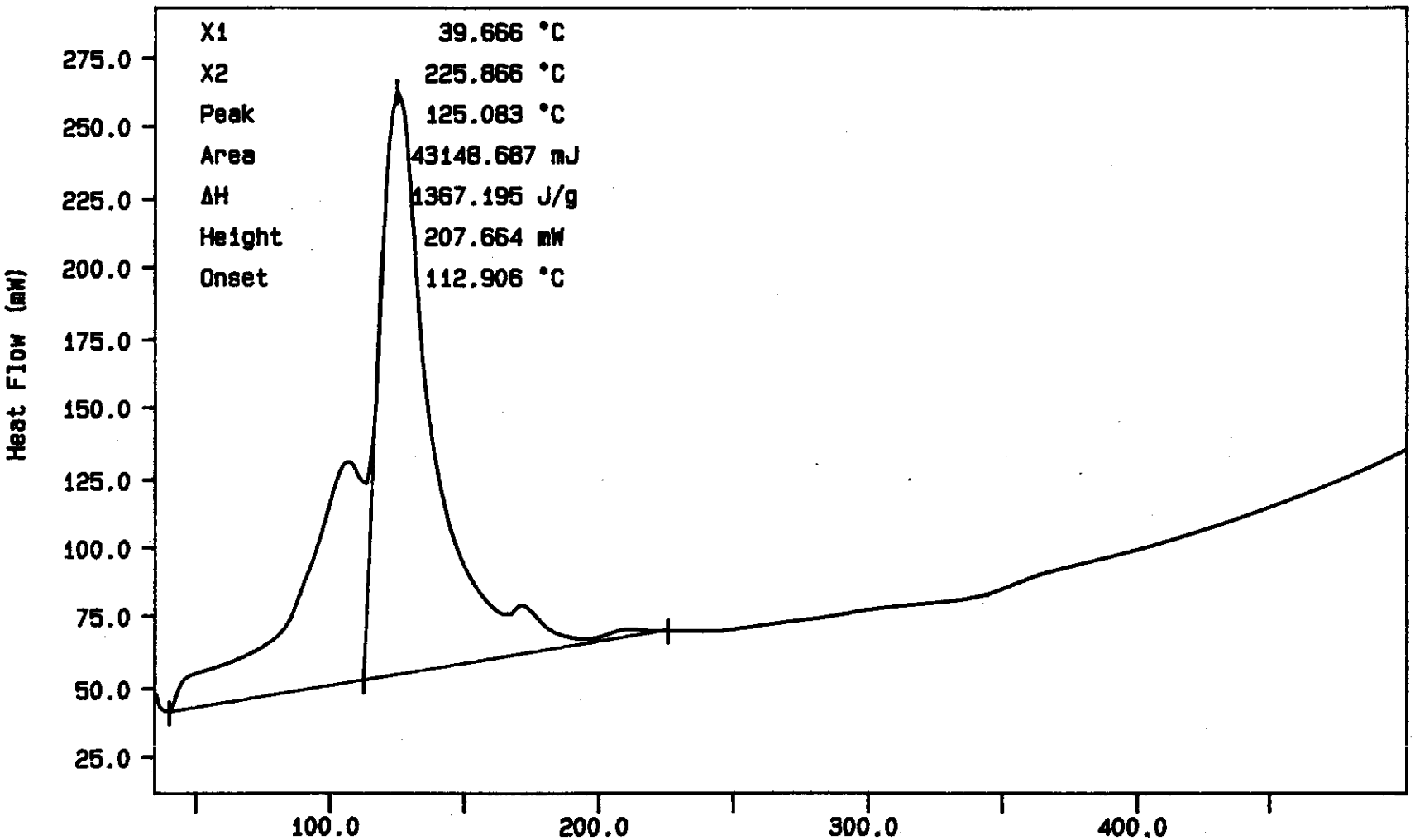
Curve 1: DSC
File info: SAM050703 Tue May 7 22:53:37 1996
Sample Weight: 28.430 mg
S96T001578



exotherm down, N2 purge gas
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 500.0 C

KR MONTEITH
PERKIN-ELMER
7 Series Thermal Analysis System
Wed May 8 00:08:35 1996

Curve 1: DSC
File info: SAM050705 Wed May 8 02:03:31 1996
Sample Weight: 31.560 mg
S96T001578 DUP



exotherm down, N2 purge gas
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 500.0 C

KR MONTEITH
PERKIN-ELMER
7 Series Thermal Analysis System
Wed May 8 03:02:32 1996

WHC-SD-WM-DP-179, REV. 1

LABCORE Data Entry Template for Worklist# 7991

Analyst: rts RDM **Instrument:** DSC0 3 **Book #** 12N14B

Method: LA-514-114 Rev/Mod C-0

Worklist Comment: S-102 DSC RUN UNDER N2. RCJ

GROUP	PROJECT	S TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 STD				DSC-03	SOLID	28.45	27.59	N/A	Joules/g
96000094	S102	2 SAMPLE	S96T001579	0		DSC-03	SOLID	N/A	Ø		Joules/g
96000094	S102	3 DUP	S96T001579	0		DSC-03	SOLID	Ø	Ø	N/A	Joules/g

Final page for worklist # 7991

See attached for signatures
Analyst Signature **Date** 5-20-96

Gary Hammitt 5-20-96
Analyst Signature **Date**

Validated by H Anastas 5.22.96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
04/23/96 14:14

LABCORE Data Entry Template for Worklist# 7991

Analyst: RDM **Instrument:** DSC0 **Book #** 12N4B

Method: LA-514-113 Rev/Mod C-1

Worklist Comment: S-102 DSC RUN UNDER N2. RCJ

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	STD				DSC-01	SOLID		27.589	N/A	Joules/g
96000094	S102	2	SAMPLE	S96T001579	0		DSC-01	SOLID	N/A	Ø	Ø	Joules/g
96000094	S102	3	DUP	S96T001579	0		DSC-01	SOLID	Ø	Ø	N/A	Joules/g

Final page for worklist # 7991

RDMyers 4/26/96

Analyst Signature **Date** **Analyst Signature** **Date**

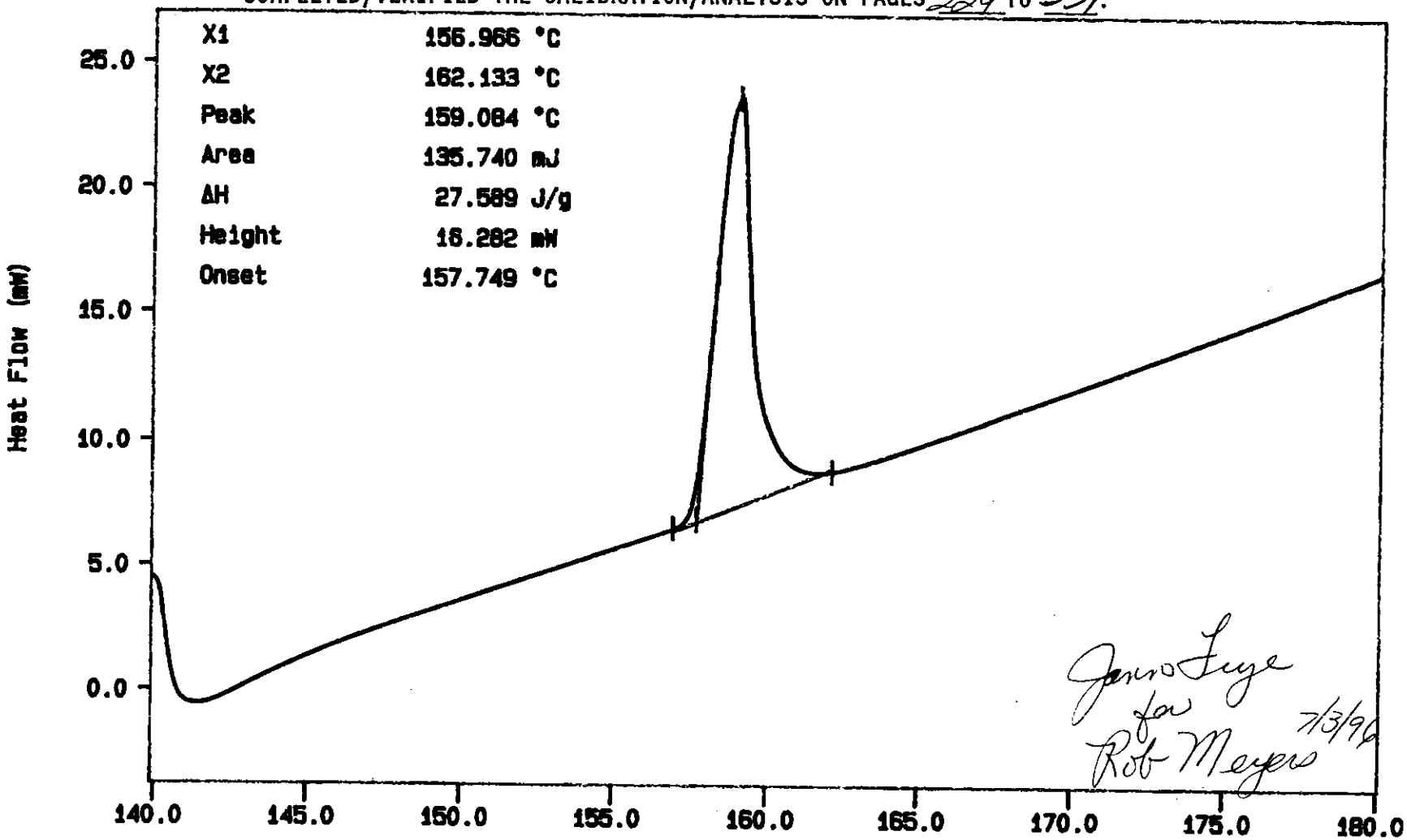
Sauf

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Curve 1: DSC
File info: ind042801 Sun Apr 28 05:51:08 1996
Sample Weight: 4.920 mg
12N14-B INDIUM

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 329 TO 331.

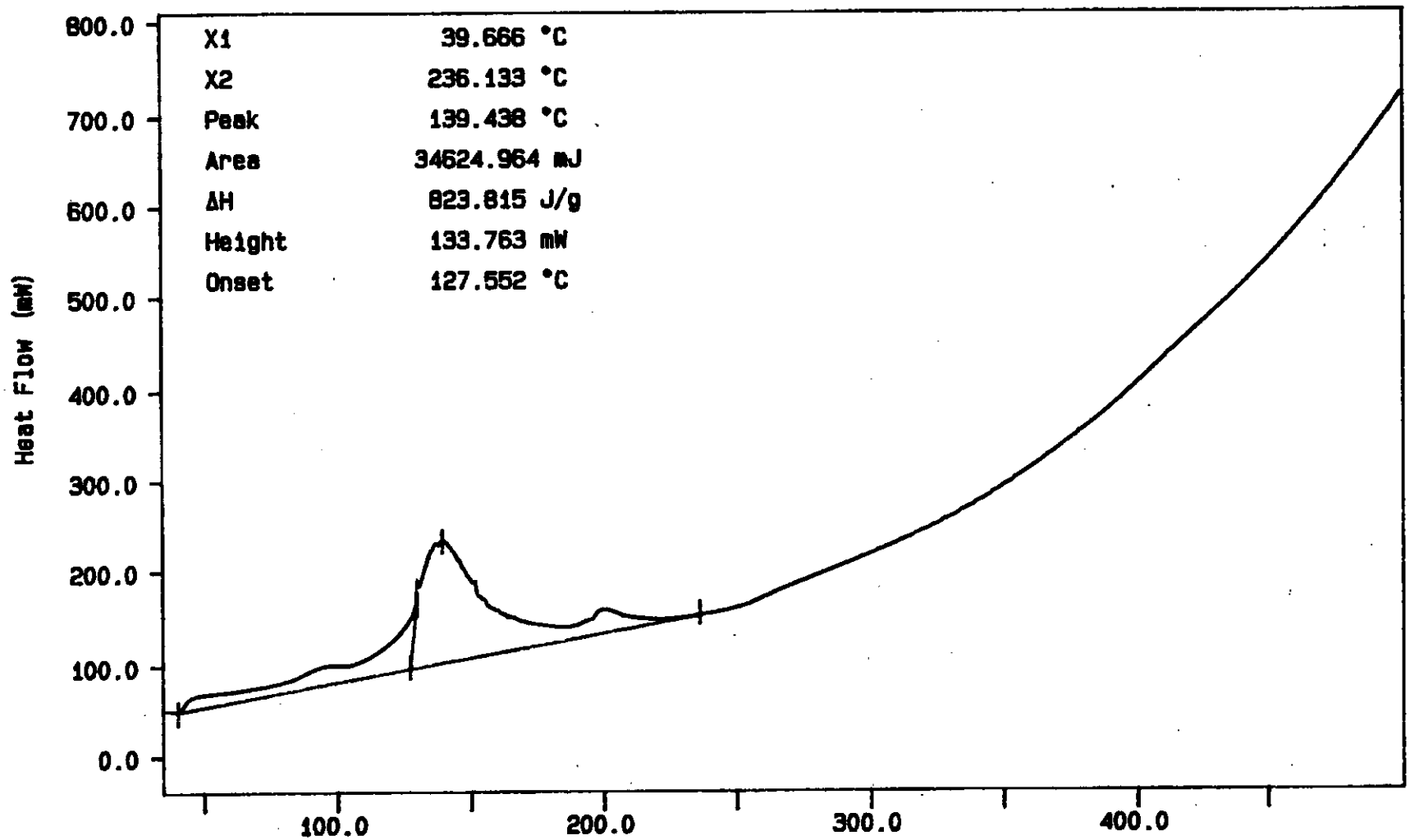


Jenna Luge for Rob Meyers 7/3/96

N2, EXOTHERM DOWN
TEMP1: 140.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 180.0 C

rd meyers
PERKIN-ELMER
7 Series Thermal Analysis System
Sun Apr 28 07:41:52 1996

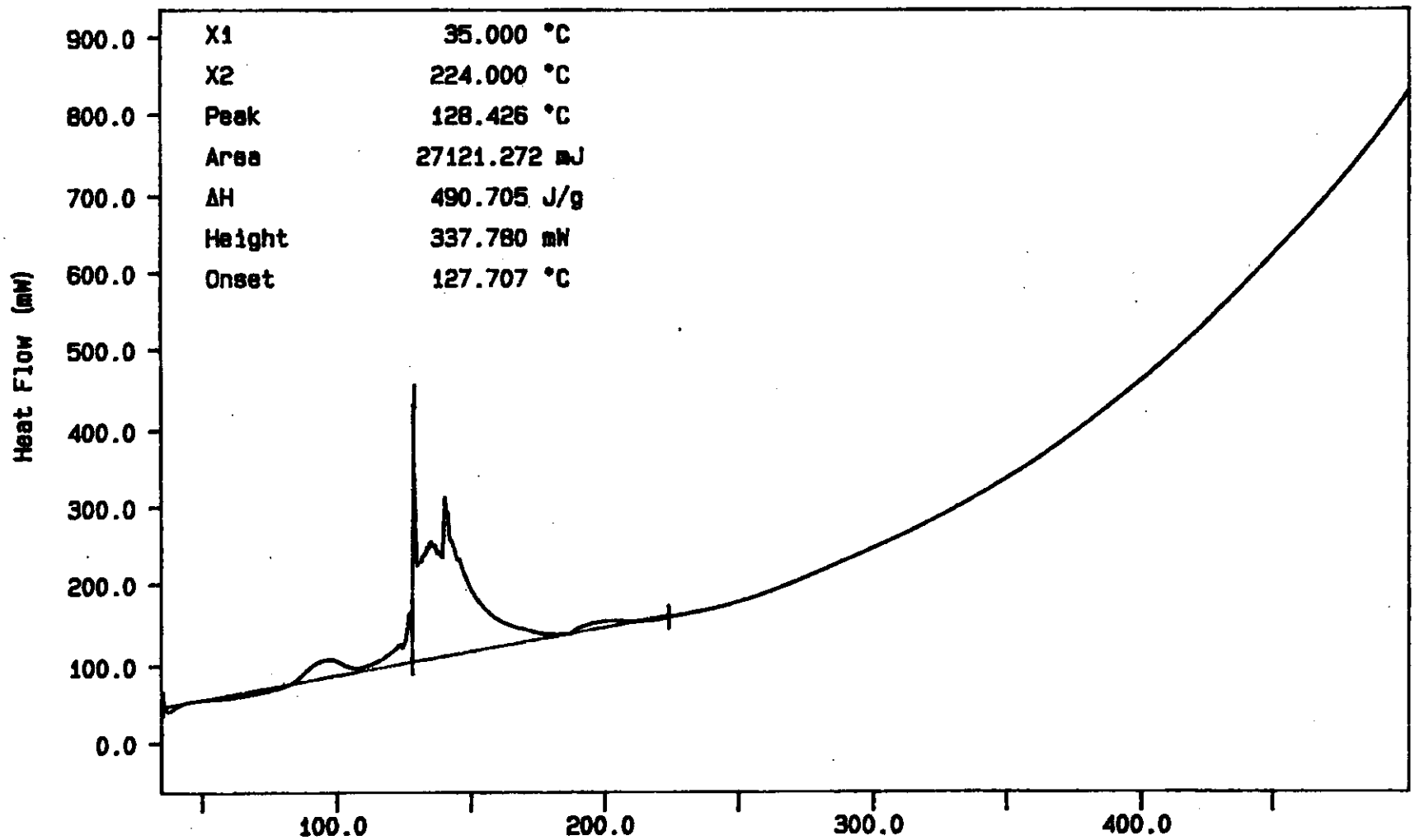
Curve 1: DSC
File info: sam042801 Sun Apr 28 10:59:47 1996
Sample Weight: 42.030 mg
S96T001579



exotherm down, N2 purge gas
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 600.0 C

rd meyers
PERKIN-ELMER
7 Series Thermal Analysis System
Fri May 3 14:13:45 1996

Curve 1: DSC
File info: sam042802 Sun Apr 28 13:28:27 1996
Sample Weight: 55.270 mg
S96T001579DUP



exotherm down, N2 purge gas
TEMP1: 30.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 600.0 C

rd meyers
PERKIN-ELMER
7 Series Thermal Analysis System
Fri May 3 14:21:52 1996

LABCORE Data Entry Template for Worklist# 9829

Analyst: BDV **Instrument:** DSC01 **Book #** —

Method: LA-514-113 Rev/Mod —

Worklist Comment: Dry DSC for S-102. bdv

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
96000094	S102	1	SAMPLE	S96T001577	0		DSC-02	SOLID	N/A	Ø		Joules/g Dry
96000094	S102	2	DUP	S96T001577	0		DSC-02	SOLID	Ø	Ø	N/A	Joules/g Dry
96000094	S102	3	SAMPLE	S96T001578	0		DSC-02	SOLID	N/A	Ø		Joules/g Dry
96000094	S102	4	DUP	S96T001578	0		DSC-02	SOLID	Ø	Ø	N/A	Joules/g Dry
96000094	S102	5	SAMPLE	S96T001579	0		DSC-02	SOLID	N/A	Ø		Joules/g Dry
96000094	S102	6	DUP	S96T001579	0		DSC-02	SOLID	Ø	Ø	N/A	Joules/g Dry

Final page for worklist # 9829

Blandina Valenzuela 6-10-96

Analyst Signature **Date**

Analyst Signature **Date**

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

worklistrpt Version 2.1 05/15/95
04/18/96 14:29

LABCORE Data Entry Template for Worklist# 7791

Analyst: JdS **Instrument:** TGA01 **Book #** 82N84

Method: LA-560-112 Rev/Mod B-1

Worklist Comment: Rerun. Please run S-102 TGAs under N2. bdv

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	STD				TGA-01	LIQUID	59.2	58.80*	N/A	%
96000030	S102	2	SAMPLE	S96T000634	1		TGA-01	LIQUID	N/A	44.96		%
96000030	S102	3	DUP	S96T000634	1		TGA-01	LIQUID	44.96	46.32	N/A	%

Final page for worklist # 7791

Jdh Spe 4/17/96 JS 4/18/96

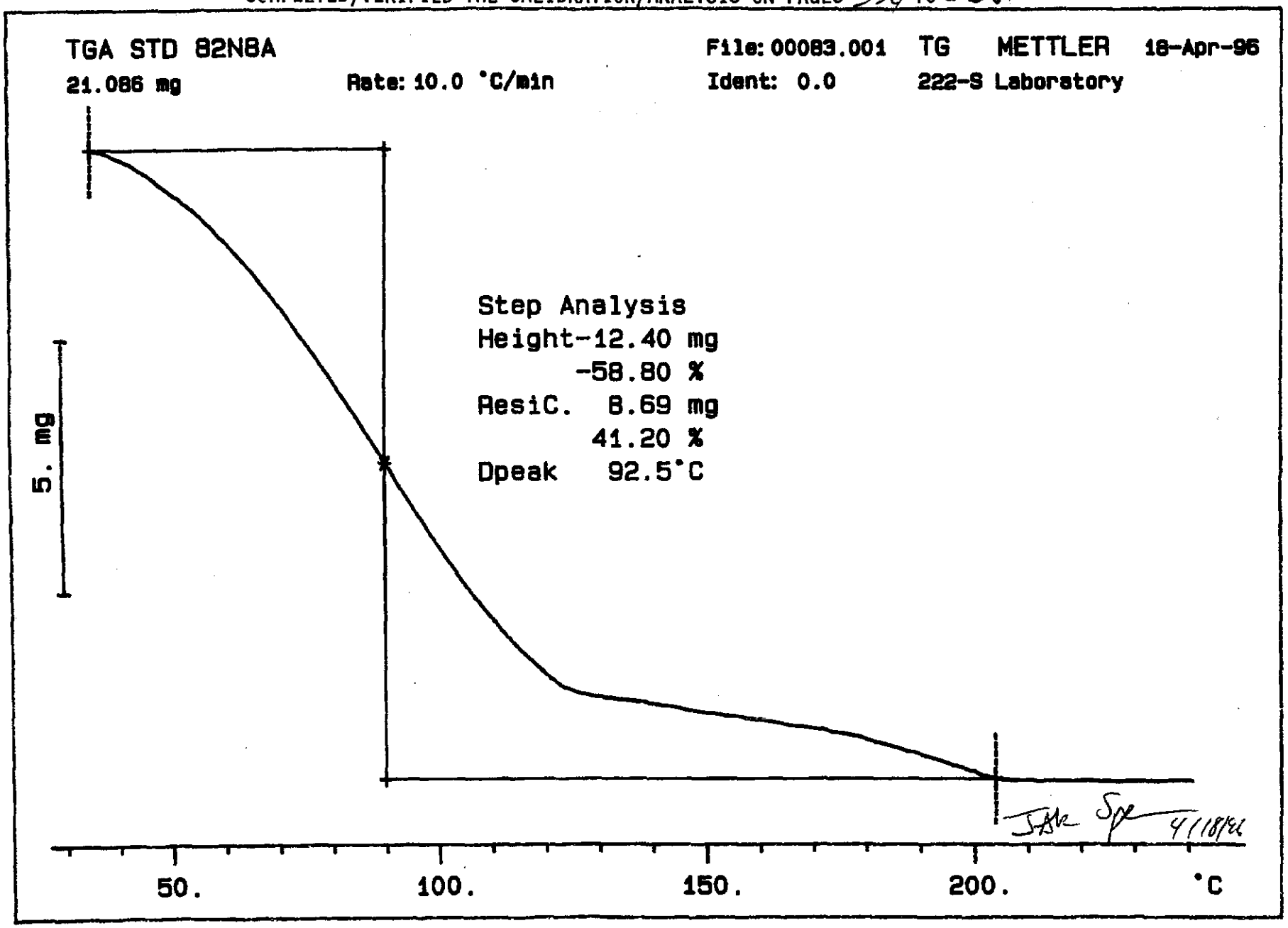
Analyst Signature **Date** **Analyst Signature** **Date**

Verified by Blandina Valenzuela 4/29/96

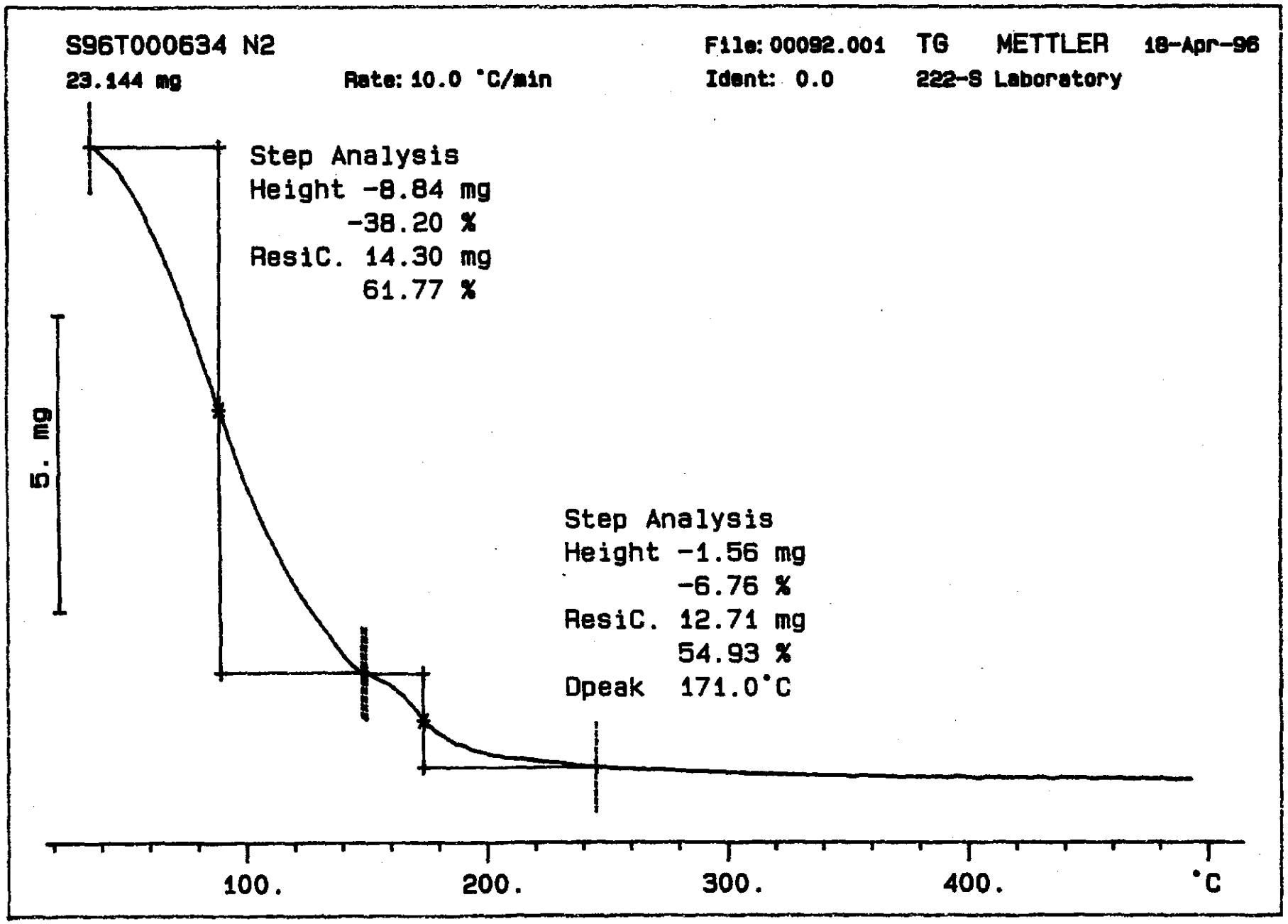
Data Entry Comments: Sample results are the results of two weight loss steps.

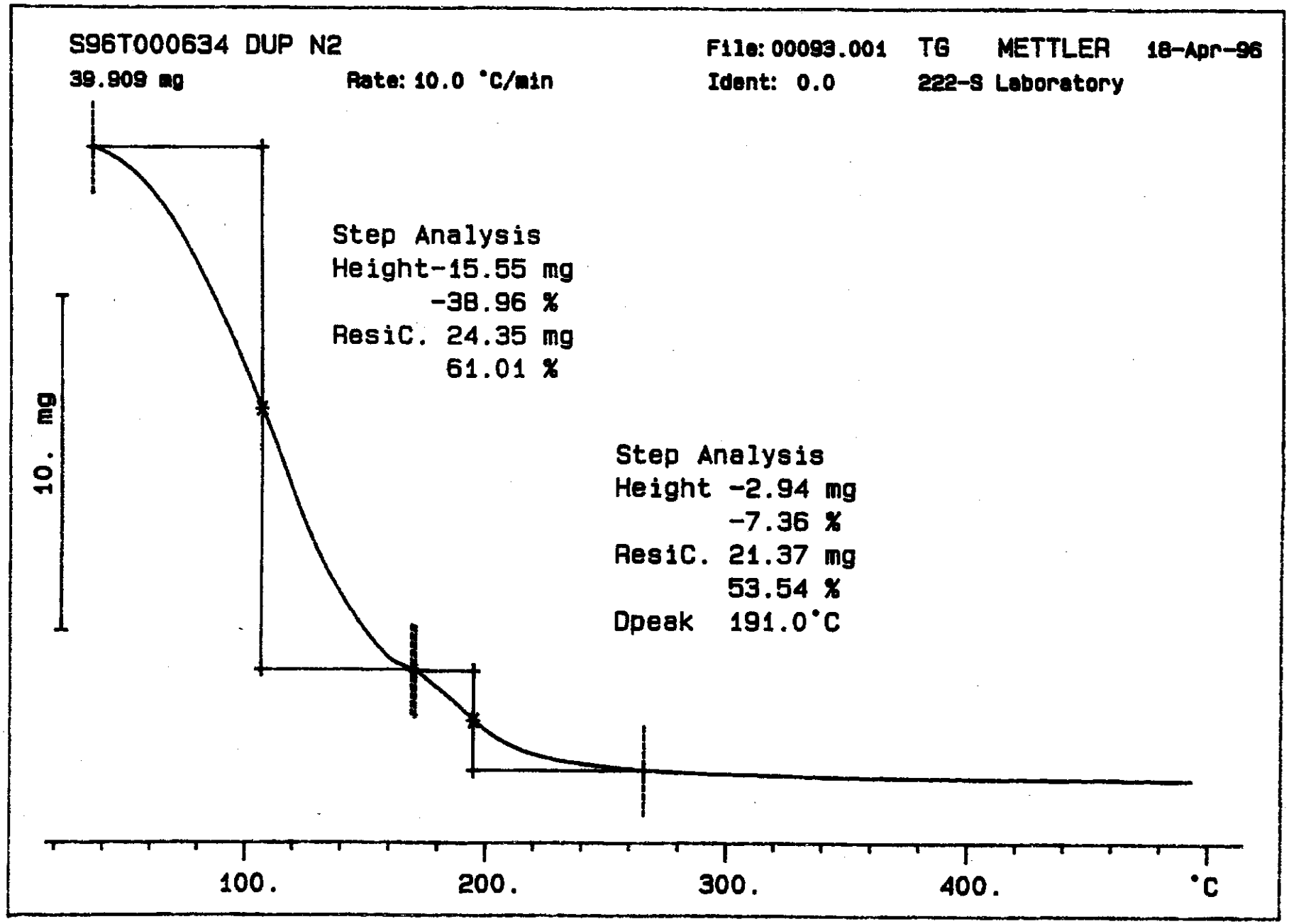
Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 334 TO 336



JAK Spe 4/18/96


S96T000634 N2
23.144 mg
Rate: 10.0 °C/min
File: 00092.001
TG
METTLER
18-Apr-96
Ident: 0.0
222-S Laboratory
Step Analysis
Height -8.84 mg
-38.20 %
ResiC. 14.30 mg
61.77 %
Step Analysis
Height -1.56 mg
-6.76 %
ResiC. 12.71 mg
54.93 %
Dpeak 171.0°C
5. mg
100.
200.
300.
400.
°C


S96T000634 DUP N2
39.909 mg
Rate: 10.0 °C/min
File: 00093.001
Ident: 0.0
TG
METTLER
222-S Laboratory
18-Apr-96
Step Analysis
Height-15.55 mg
-38.96 %
ResiC. 24.35 mg
61.01 %
Step Analysis
Height -2.94 mg
-7.36 %
ResiC. 21.37 mg
53.54 %
Dpeak 191.0°C
10. mg
100.
200.
300.
400.
°C

LABCORE Data Entry Template for Worklist# 7975

Analyst: PJM **Instrument:** TGA0 3 **Book #** 82N8A

Method: LA-514-114 Rev/Mod C-1

Worklist Comment: S-102 TGA RUN UNDER N2. RCJ

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	STD				TGA-03	SOLID	59.2	58.42*	N/A	%
96000094	S102	2	SAMPLE	S96T001577	0		TGA-03	SOLID	N/A	13.30		%
96000094	S102	3	DUP	S96T001577	0		TGA-03	SOLID	13.30	14.84	N/A	%
		4	STD				TGA-03	SOLID	59.2	58.50	N/A	%
96000094	S102	5	SAMPLE	S96T001578	0		TGA-03	SOLID	N/A	41.41		%
96000094	S102	6	DUP	S96T001578	0		TGA-03	SOLID	41.41	41.85	N/A	%

Final page for worklist # 7975

See attached for Signatures
Analyst Signature **Date**

[signature] 5-4-96
Analyst Signature **Date**

Verified by JAnastas 5-6-96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7975

Analyst: RJ McCown **Instrument:** TGA0 3 **Book #** 8208A

Method: LA-~~560-112~~ 514-113 Rev/Mod C-1
RJM 4/30/96

Worklist Comment: S-102 TGA RUN UNDER N2. RCJ

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	STD				TGA-01	SOLID			N/A	%
96000094	S102	2	SAMPLE	S96T001577	0		TGA-01	SOLID	N/A			%
96000094	S102	3	DUP	S96T001577	0		TGA-01	SOLID			N/A	%
96000094	S102	4	SAMPLE	S96T001578	0		TGA-01	SOLID	N/A			%
96000094	S102	5	DUP	S96T001578	0		TGA-01	SOLID			N/A	%

Final page for worklist # 7975

RJ McCown 4/30/96
Analyst Signature **Date**

Analyst Signature **Date**

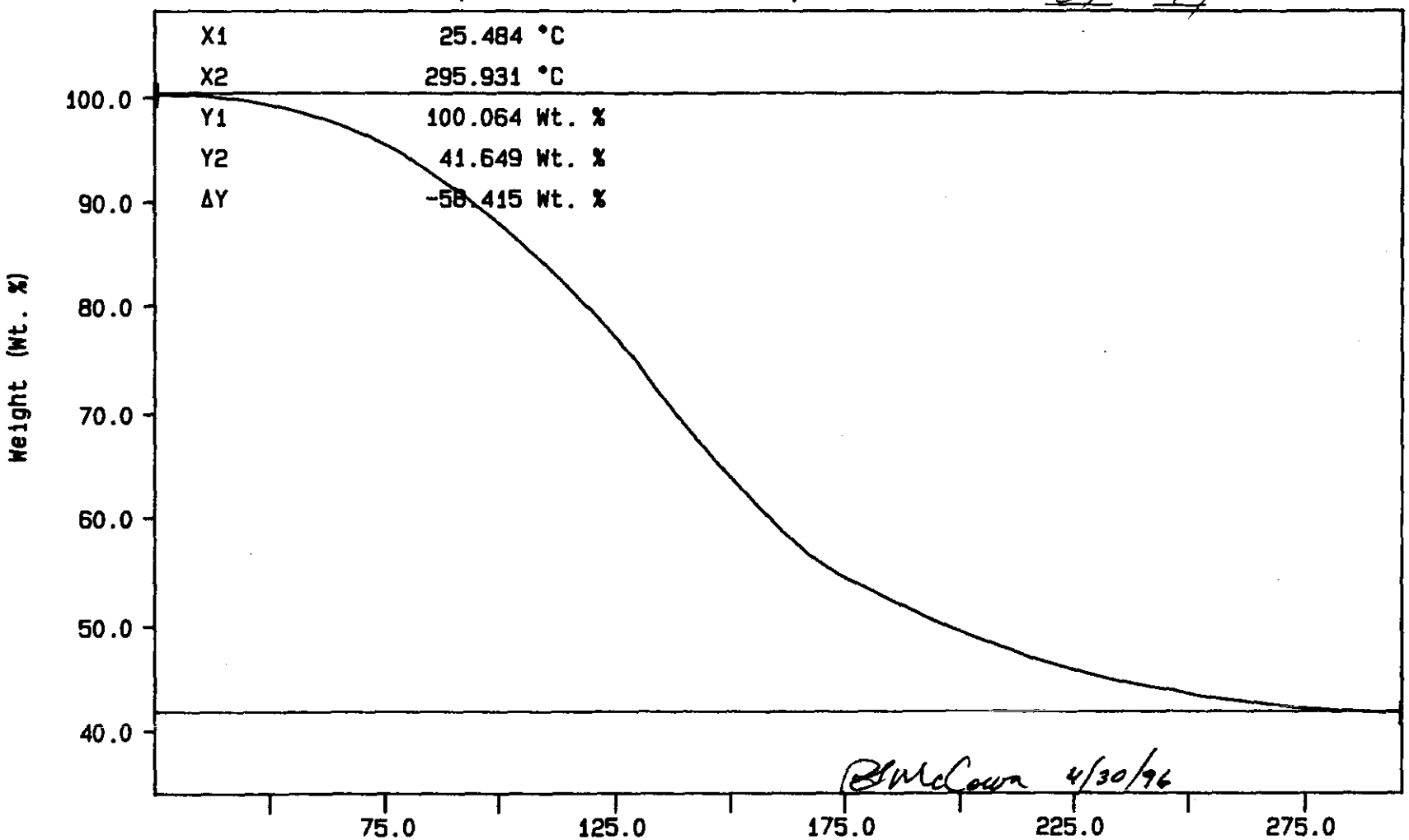
Other Instrument was Used.

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Curve 1: TGA
File info: TER043001 Tue Apr 30 06:11:35 1996
Sample Weight: 24.994 mg
TGA STD B2N8-A

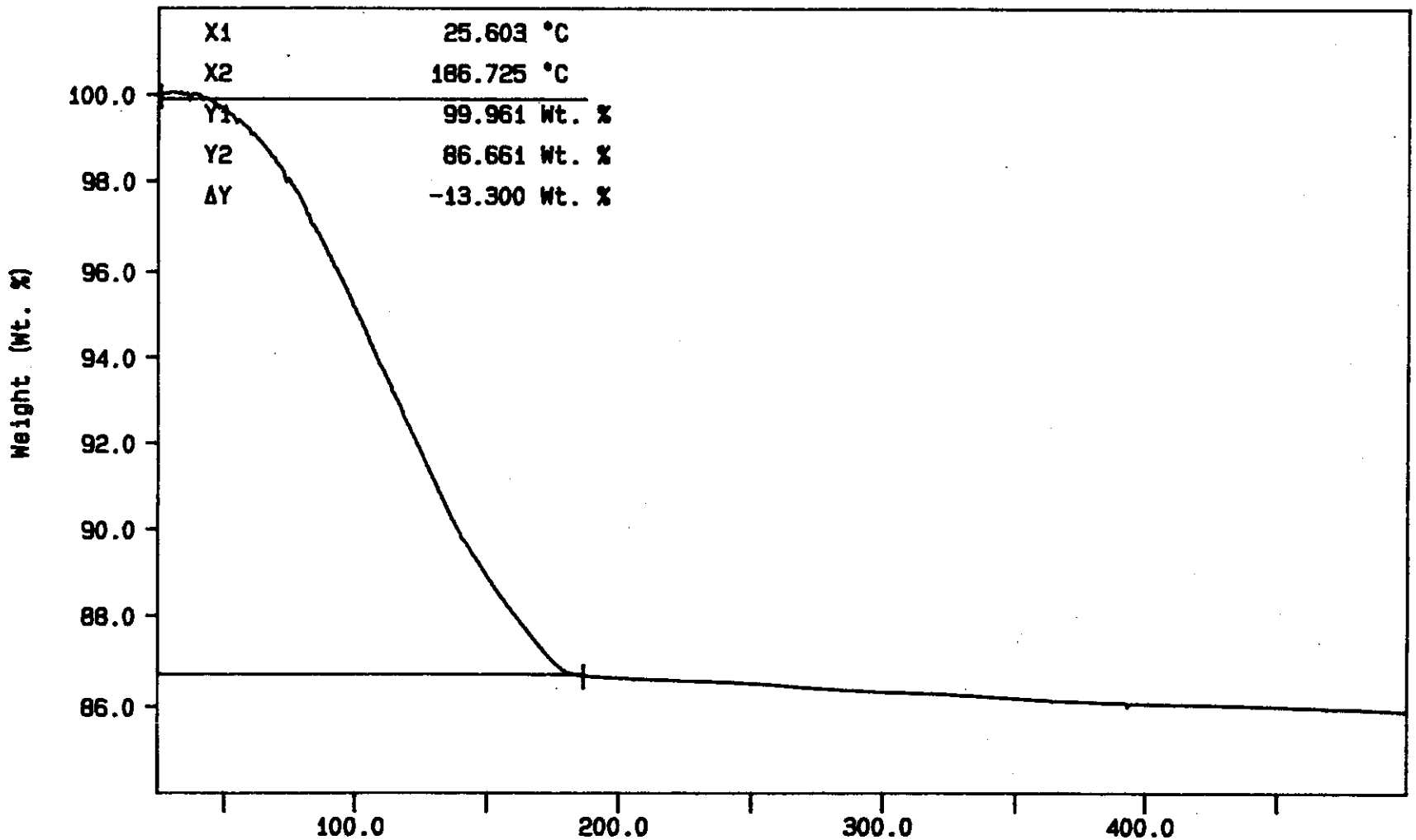
SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 339 TO 344



N2 10C/MIN
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 300.0 C

PJ MCCOWN
PERKIN-ELMER
7 Series Thermal Analysis System
Tue Apr 30 06:22:05 1996

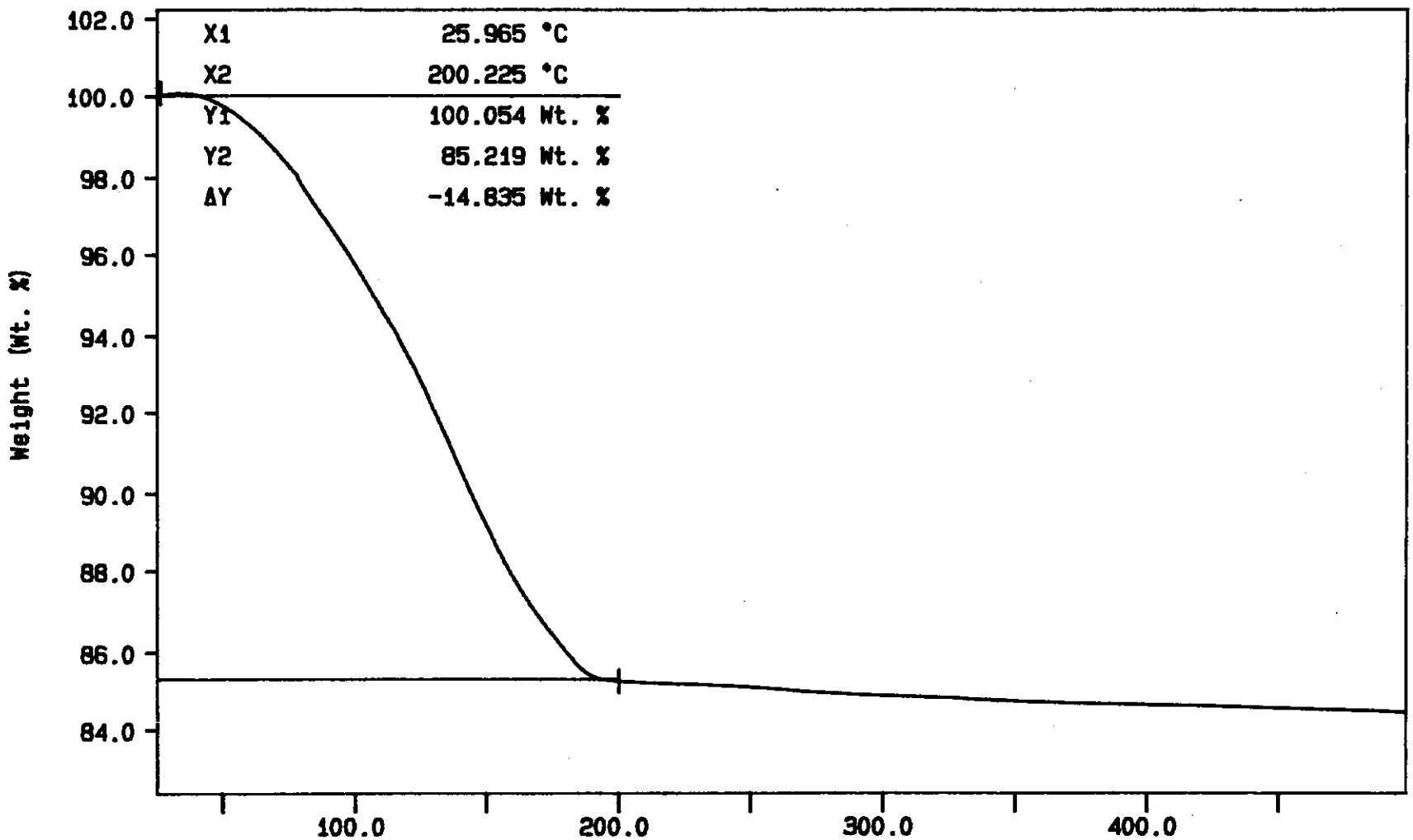
Curve 1: TGA
File info: SAM050103 Wed May 1 10:49:02 1996
Sample Weight: 17.787 mg
S96T001577



10C/MIN N2
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 600.0 C

PJ MCCOWN
PERKIN-ELMER
7 Series Thermal Analysis System
Wed May 1 10:56:55 1996

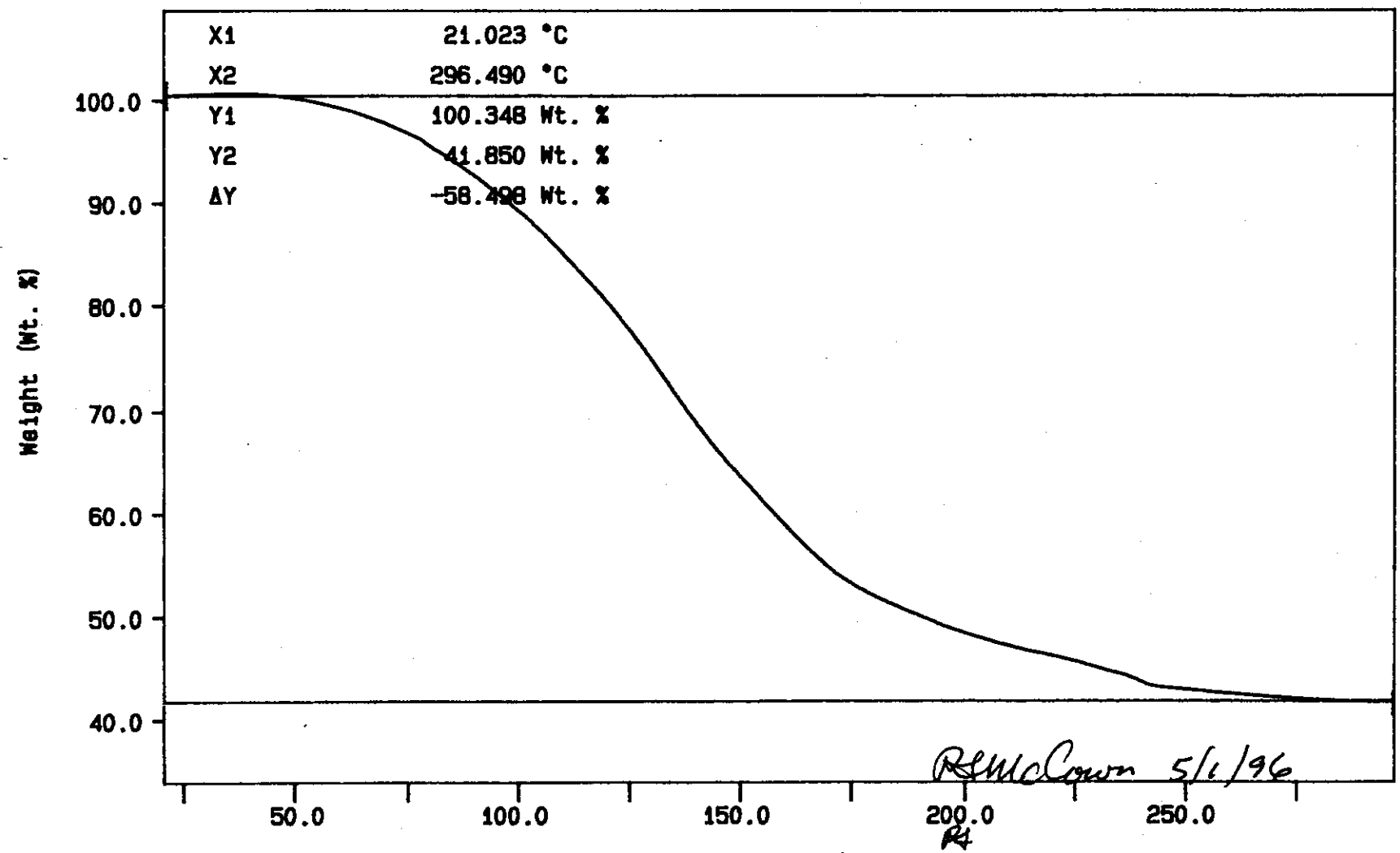
Curve 1: TGA
File info: SAM050104 Wed May 1 12:01:01 1996
Sample Weight: 18.996 mg
S96T001577 DUP



10C/MIN N2
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 600.0 C

PJ MCCOWN
PERKIN-ELMER
7 Series Thermal Analysis System
Wed May 1 12:43:52 1996

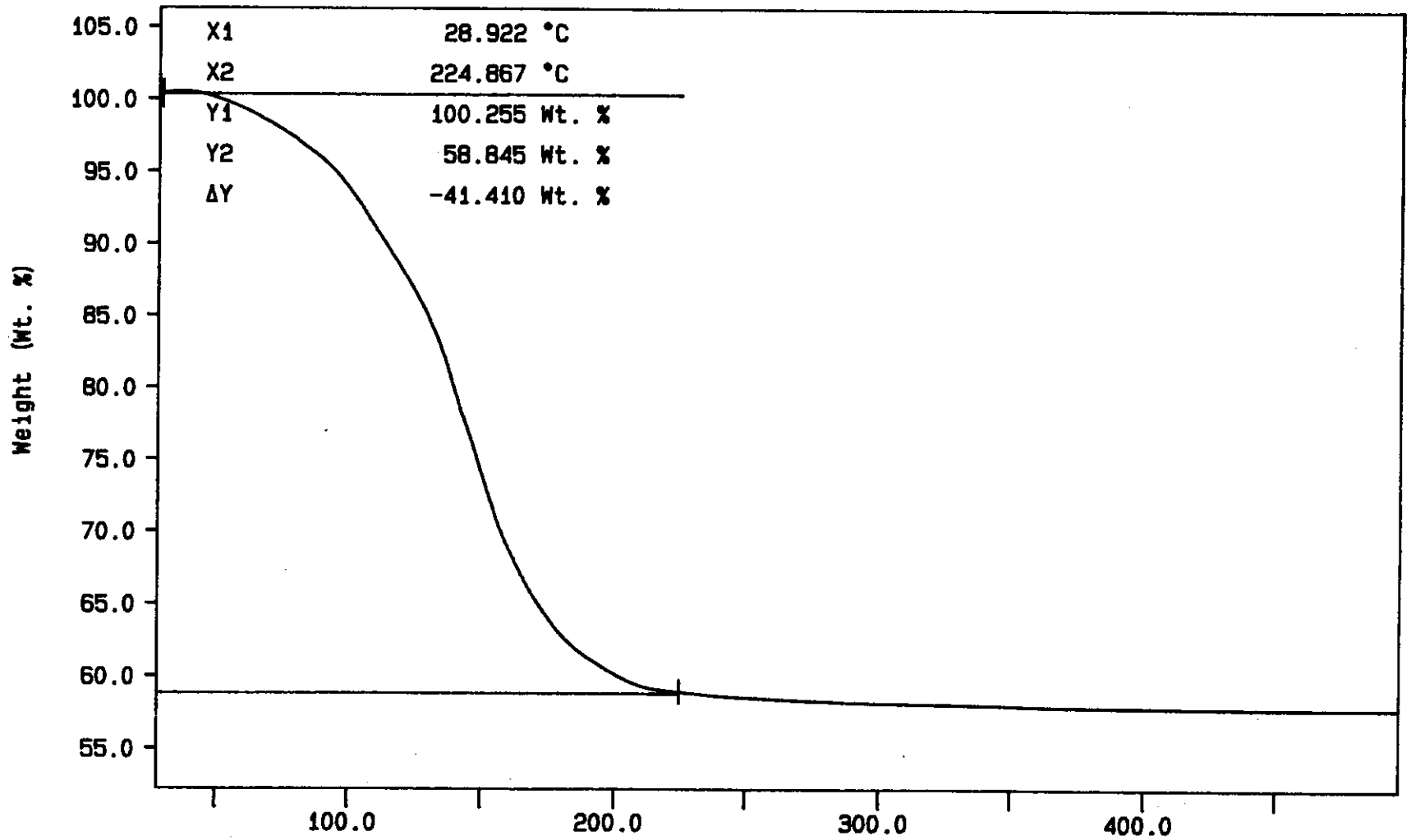
Curve 1: TGA
File info: TER050101 Wed May 1 08:59:10 1996
Sample Weight: 22.801 mg
TGA STD 82N8-A



N2 10C/MIN
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 300.0 C

PJ MCCOWN
PERKIN-ELMER
7 Series Thermal Analysis System
Wed May 1 09:01:12 1996

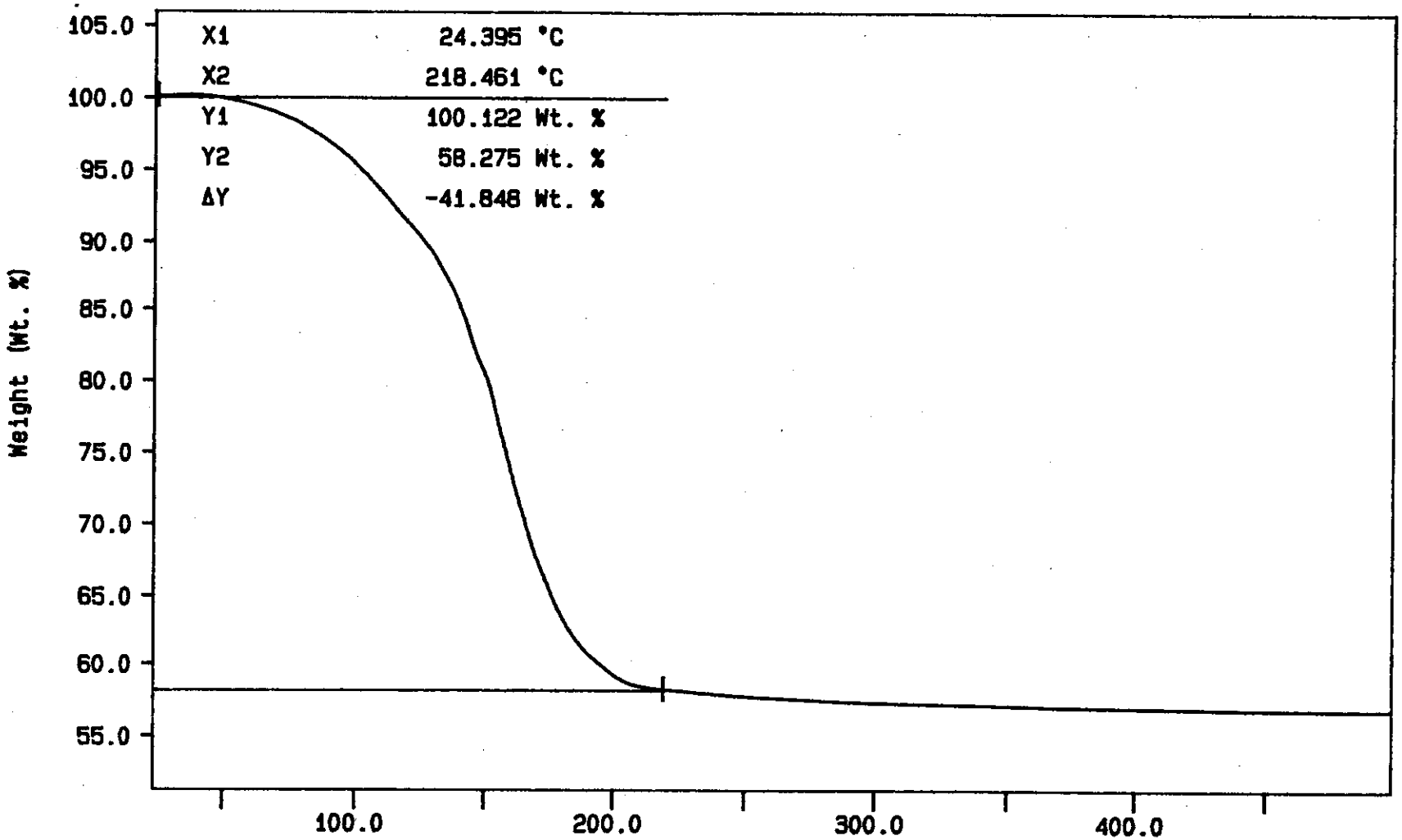
Curve 1: TGA
File info: SAM043002 Tue Apr 30 10:56:18 1996
Sample Weight: 11.477 mg
S96T001577 8 4/30/96



10C/MIN N2
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 500.0 C

PJ MCCOWN
PERKIN-ELMER
7 Series Thermal Analysis System
Tue Apr 30 10:58:11 1996

Curve 1: TGA
File info: SAM043003 Tue Apr 30 13:36:43 1996
Sample Weight: 23.272 mg
S96T001578 DUP



10C/MIN N2
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 600.0 C

PJ MCCOWN
PERKIN-ELMER
7 Series Thermal Analysis System
Tue Apr 30 13:39:53 1996

LABCORE Data Entry Template for Worklist# 7977

Analyst: RDM **Instrument:** TGA0 3 **Book #** 82N8A

Method: LA-514-114 Rev/Mod C-1

Worklist Comment: S-102 TGA RUN UNDER N2. RCJ

GROUP	PROJECT	S TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 STD				TGA-03	SOLID	59.2	58.53	N/A	%
96000094	S102	2 SAMPLE	S96T001579	0		TGA-03	SOLID	N/A	41.15		%
96000094	S102	3 DUP	S96T001579	0		TGA-03	SOLID	41.15	35.06	N/A	%

Final page for worklist # 7977

See Attached for Signatures
Analyst Signature **Date**

R Jon 5-22-96
Analyst Signature **Date**

Validated/Verified by
Blandina Valenzuela 5-24-96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7977

Analyst: RCJ **Instrument:** TGA0 3 **Book #** 62N8A

Method: LA-560-112 Rev/Mod C-1

Worklist Comment: S-102 TGA RUN UNDER N2. RCJ

GROUP	PROJECT	S TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 STD				TGA-01	SOLID			N/A	%
96000094	S102	2 SAMPLE	S96T001579	0		TGA-01	SOLID	N/A			%
96000094	S102	3 DUP	S96T001579	0		TGA-01	SOLID			N/A	%

Final page for worklist # 7977

Analyst Signature Date

Analyst Signature Date

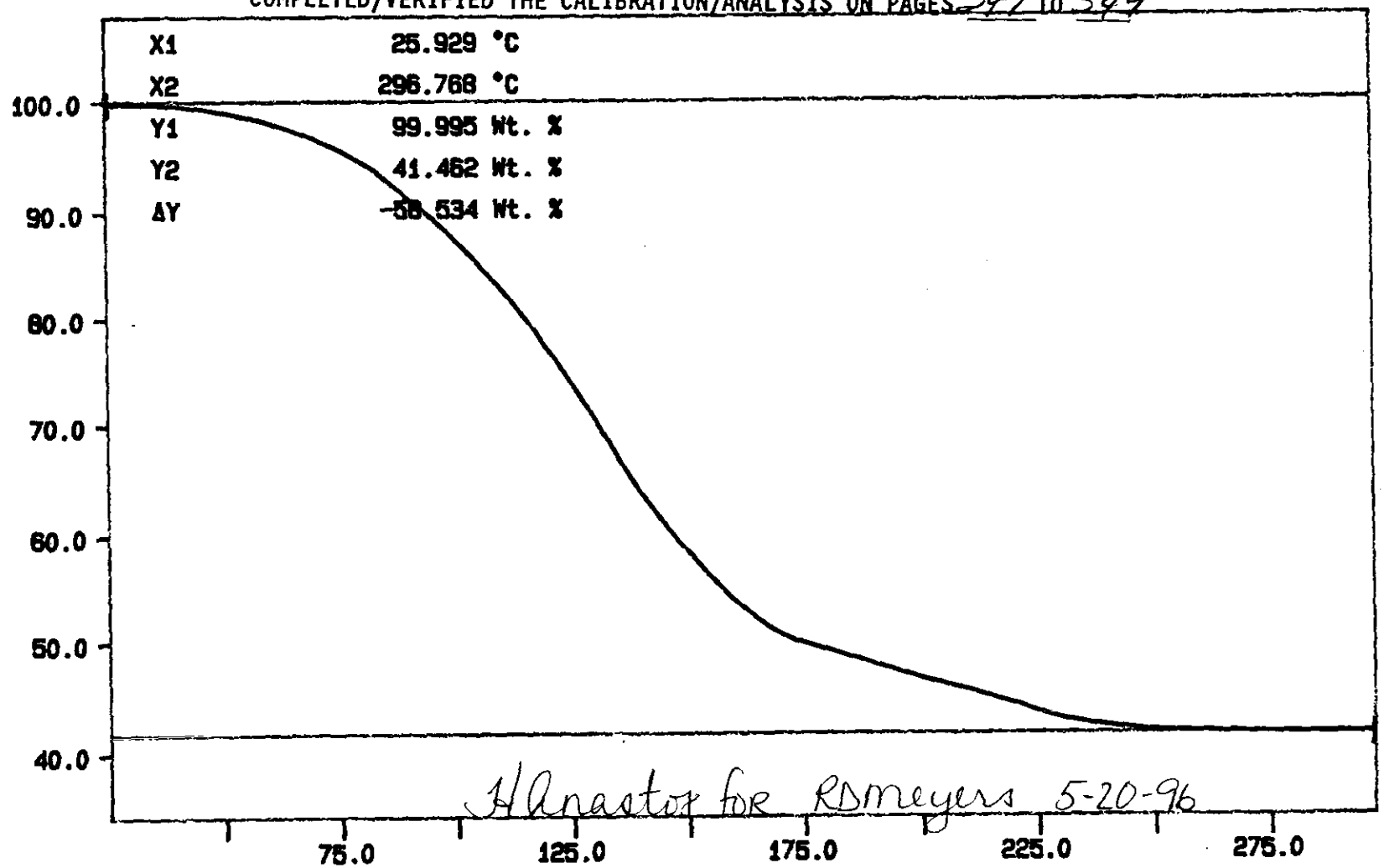
Other Instrument was used.

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Curve 1: TGA
File info: ter042802 Sun Apr 28 08:07:49 1996
Sample Weight: 14.585 mg
TGA STD 82N8-A

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 347 TO 349



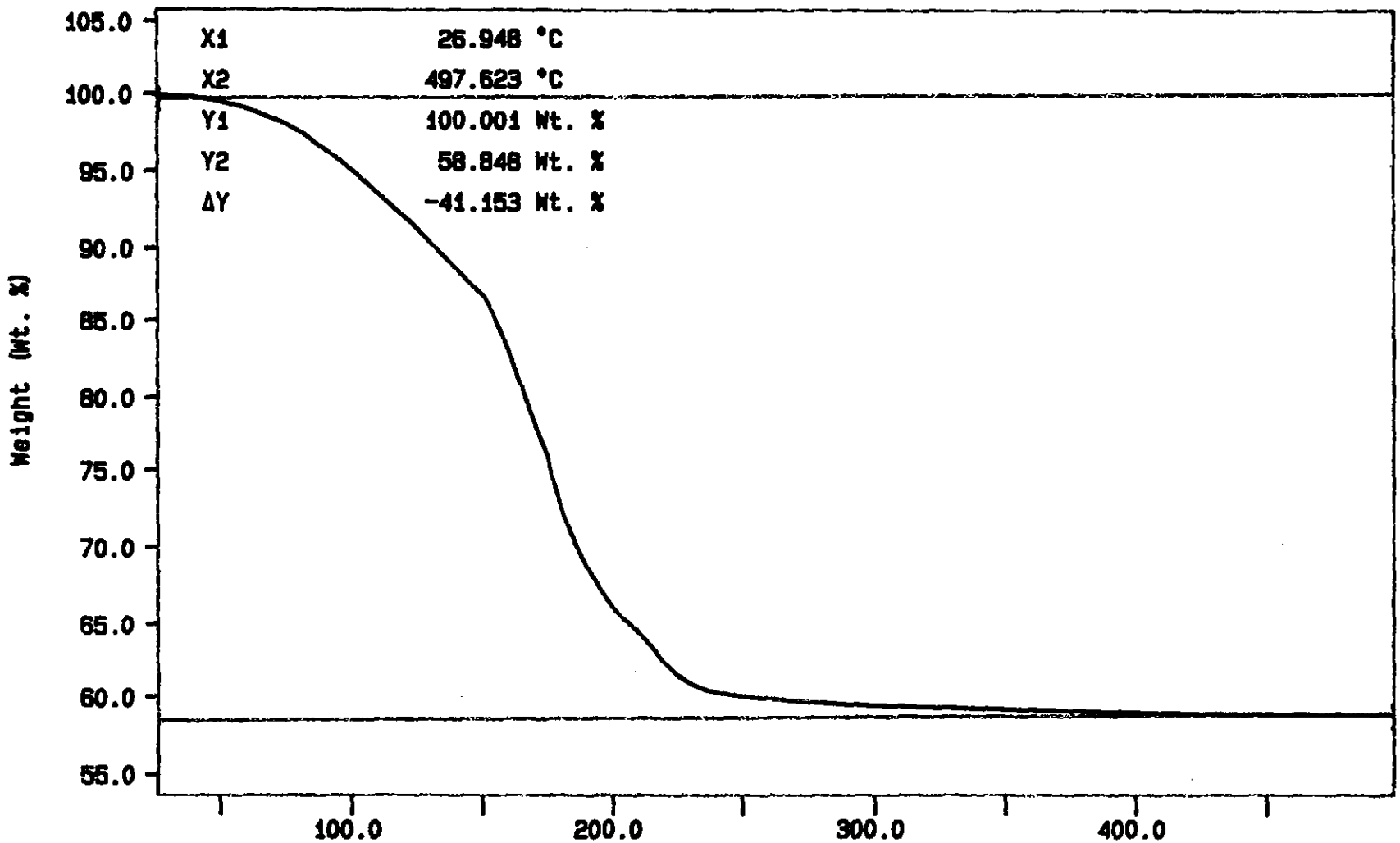
H Anastos for RDMeyers 5-20-96

N2 10C/MIN
TEMP1: 25.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 300.0 C

rd meyers
PERKIN-ELMER
7 Series Thermal Analysis System
Sun Apr 28 10:03:42 1996

WHC-SD-WM-DP-170, REV. 1

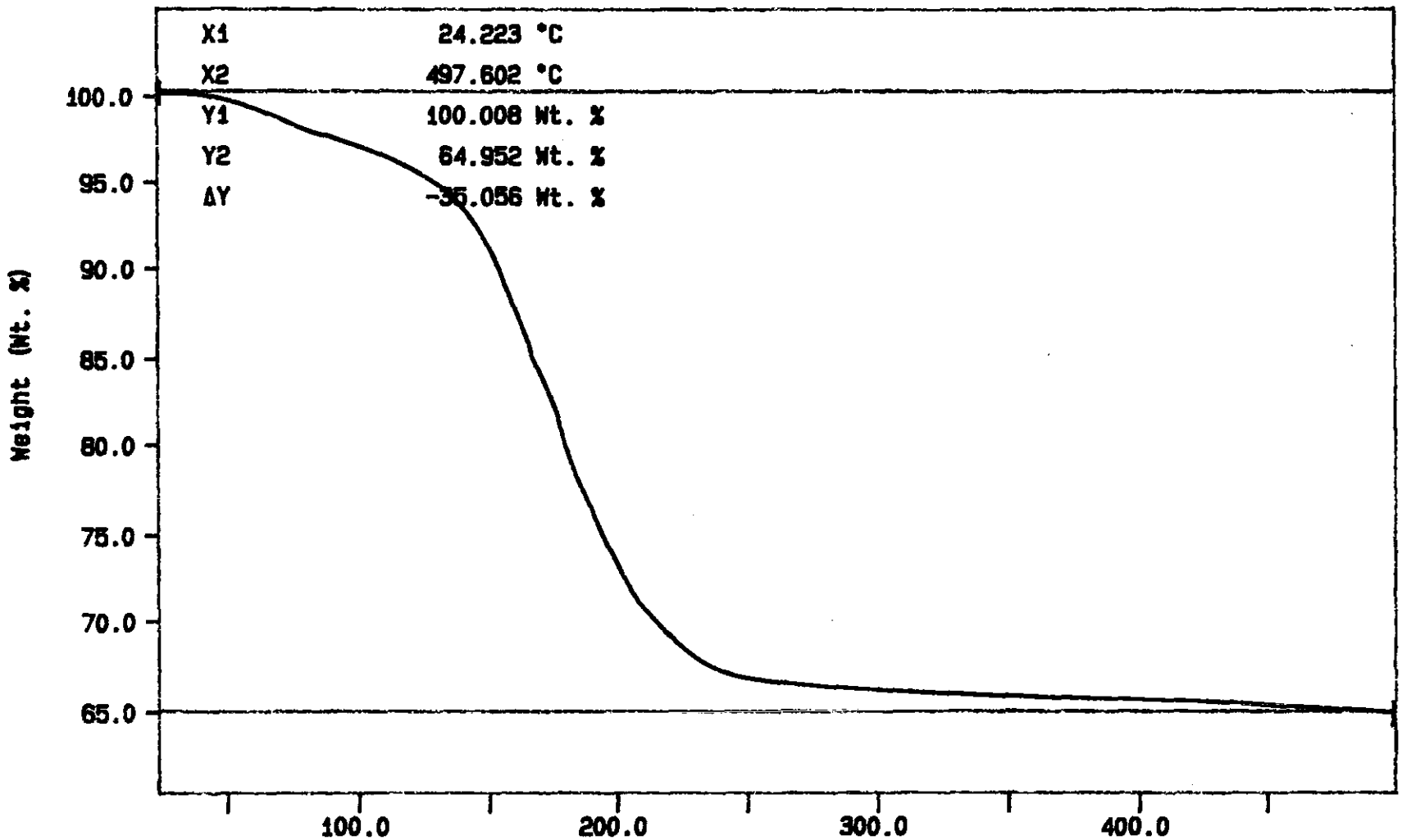
Curve 1: TGA
File info: sam042801 Sun Apr 28 11:06:03 1996
Sample Weight: 27.802 mg
S96001579



10C/MIN N2
TEMP1: 35.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 600.0 C

rd meyers
PERKIN-ELMER
7 Series Thermal Analysis System
Sun Apr 28 12:42:39 1996

Curve 1: TGA
File info: sam042802 Sun Apr 28 13:37:22 1996
Sample Weight: 28.613 mg
S96T001579DUP



10C/MIN N2
TEMP1: 25.0 C TIME1: 0.0 min RATE1: 10.0 C/min
TEMP2: 500.0 C

rd meyers
PERKIN-ELMER
7 Series Thermal Analysis System
Sun Apr 28 13:42:22 1996

S-102 BULK DENSITY WORKSHEETS

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Bulk Density Worksheet

Requestor: _____

Date: 2/28/96

Tank: 5-102
Core: 125
Seg: 2
Auger: NA

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8867
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 8867
Final Vol: 6.5 mL
Initial Weight: 7.67 g
Final Weight: 19.85 g
Net Weight: 12.18 g

Appearance/Narrative:

Blk Den = 12.18/6.5 = 1.87 = gm/ml

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

352

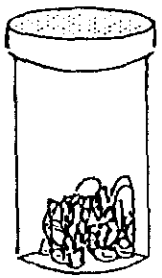
WHC-SD-WM-DP-179, REV. 1

Bulk Density Worksheet

Requestor: _____ Date: _____

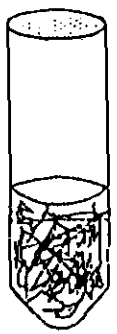
Tank: S-102
Core: 125
Seg: 3
Auger: NA

Start Time: _____
End Time: _____



Homogenization Time (Min.): _____

Jar#: 8866
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g



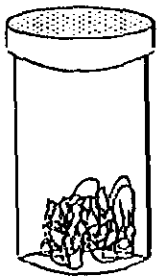
Cone#: 8866
Final Vol: ~~23.21~~ mL 10.5
Initial Weight: 7.73 g
Final Weight: 23.21 g
Net Weight: ~~14.52~~ g 15.48
2/28

Appearance/Narrative:

Blk Den = 15.48/10.5 = 1.479 gm/ml

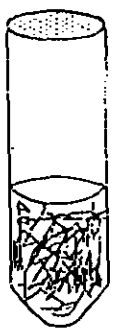
Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____



Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g



Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

353

WHC-SD-WM-DP-179, REV. 1

Bulk Density Worksheet

Requestor: _____

Date: 2/28/96

Tank: S-102
Core: 125
Seg: 4 LH 222 6-19-96
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8862
Jar/Vial Size: 250 mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 8862
Final Vol: 9.32 mL 2/28
~~Initial Weight: 7.5 g~~ ~~7.76 g~~ 7.63
~~Final Weight: 19.00 g~~ 23.85
Net Weight: 16.22 g

Appearance/Narrative:
Blk Den = 16.22/9.5 = 1.71 gm/ml

Tank: _____
Core: _____
Seg: 4 UH 222 6-19-96
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8865
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 8865
Final Vol: 7.8 mL
Initial Weight: 7.76 g
Final Weight: 18.99 g
Net Weight: 11.23 g

Appearance/Narrative:
Blk Den 11.23/7.8 = 1.44 gm/ml

354

WHC-SD-WM-DP-179, REV. 1

Bulk Density Worksheet

Requestor: _____

Date: 2/28/96

Tank: S-102
Core: 125
Seg: 5 UH 222 6.19.96
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 8875
Final Vol: 9.75 mL
Initial Weight: 7.66 g
Final Weight: 21.81 g
Net Weight: 14.15 g

Appearance/Narrative: BlkDen = 14.15/9.75 = 1.45 gm/ml

Tank: _____
Core: _____
Seg: 5 LH 222 6.19.96
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 8874
Final Vol: _____ mL
Initial Weight: 7.66 g
Final Weight: 27.73 g
Net Weight: 20.07 g

Appearance/Narrative: Blk Den = 20.07/12 = 1.67 gm/ml

WHC-CD-WM-DP-176, REV. 1

355

Bulk Density Worksheet

Requestor: B. Fogers

Date: 02-26-96

Tank: 5102	Tank: 5102	Tank: 5102	Tank:
Core: 125	Core: 125	Core: 125	Core:
Seg:	Seg:	Seg:	Seg:
Auger: A	Auger: B	Auger: C	Auger:
Start Time:	Start Time:	Start Time:	Start Time:
End Time:	End Time:	End Time:	End Time:
Homogenization Time (Min.):	Homogenization Time (Min.):	Homogenization Time (Min.):	Homogenization Time (Min.):
Jar#: 8600	Jar#: 8877	Jar#: 8602	Jar#:
Jar/Vial Size: mL	Jar/Vial Size: mL	Jar/Vial Size: mL	Jar/Vial Size: mL
Initial Weight: g	Initial Weight: g	Initial Weight: g	Initial Weight: g
Final Weight: g	Final Weight: g	Final Weight: g	Final Weight: g
Net Weight: g	Net Weight: g	Net Weight: g	Net Weight: g
Cone#:	Cone#: 8877	Cone#: 8602	Cone#:
Final Vol: mL	Final Vol: ~~8.8~~ 9.0 mL	Final Vol: 9.0 mL	Final Vol: mL
Initial Weight: g	Initial Weight: ~~7.2~~ 7.7 g	Initial Weight: 7.6 g	Initial Weight: g
Final Weight: g	Final Weight: 22.8 g	Final Weight: 22.7 g	Final Weight: g
Net Weight: g	Net Weight: ~~15.6~~ 15.1 g	Net Weight: 15.1 g	Net Weight: g
Appearance/Narrative:	Appearance/Narrative: B.D. = 15.1g / 9.0ml = 1.68 g/ml	Appearance/Narrative: BKOEW01 = 15.1 / 9.0 = 1.68 g/ml	Appearance/Narrative:

356

WHC-SD-WM-DP-179, REV. 1

Bulk Density Worksheet

Requestor: Eggers

Date: 2-27-96

Tank: S102
Core: 125
Seg: 704
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Tho 02-27-96

LC 584

Jar#: 8879
Jar/Vial Size: 96 mL
Initial Weight: 27 g
Final Weight: 27 g
Net Weight: _____ g

Cone#: 8879
Final Vol: 10.0 ~~23.6~~ mL
Initial Weight: 7.7 g
Final Weight: 23.6 g
Net Weight: 15.9 g

Appearance/Narrative:
BLKDENOI = 15.9/10.0 = 1.59 g/ml

Tank: S102
Core: 125
Seg: 704
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Tho 02-27-96

LC 585

Jar#: 8878
Jar/Vial Size: 96 mL
Initial Weight: 27 g
Final Weight: 27 g
Net Weight: 0 g

Cone#: 8878
Final Vol: _____ mL
Initial Weight: 7.6 g
Final Weight: 25.4 g
Net Weight: 17.8 g

Appearance/Narrative:
BLKDENOI = 17.8/11 = ~~1.6~~ 1.62 g/ml
DRD 2-27-96

357

WHC-SD-WM-DP-170, REV. 1

Bulk Density Worksheet

Requestor: Eggers

Date: 2-27-96

Tank: S102
Core: 125
Seg: 8U
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8880 DK3
Jar/Vial Size: _____ mL
Initial Weight: 2-27-96 g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 8880
Final Vol: 9.8 mL
Initial Weight: 7.6 g
Final Weight: 24.4 g
Net Weight: 16.8 g

Appearance/Narrative:
BLK DENSITY = 16.8/9.8 = 1.71 g/mL

Tkw 02-27-96

Tank: S102
Core: 125
Seg: 8L
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8882
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 8882
Final Vol: 10.5 mL
Initial Weight: 7.6 g
Final Weight: 26.2 g
Net Weight: 18.6 g

Appearance/Narrative:
BLK DENSITY = 18.6/10.5 = 1.77 g/mL

Tkw 02-27-96

WHC-CD-MA-DP-176, REV. 1

02/27/96 22:27 509 375 1432 232

358

Bulk Density Worksheet

Requestor: Eggers

Date: 2-27-96

Tank: S102
Core: 125
Seg: 91
Auger: _____

Start Time: _____
End Time: _____

Thu 02-29-96

Homogenization Time (Min.): _____

Jar#: 8863
Jar/Vial Size: _____ mL
Initial Weight: DNU g
Final Weight: 2-27-96 g
Net Weight: _____ g

359

Cone#: 8863
Final Vol: 10.8 mL
Initial Weight: 7.6 g
Final Weight: 25.7 g
Net Weight: 18.1 g

Appearance/Narrative:
BLKDENOI= 18.1/10.8 = 1.68 g/mL

Tank: S102
Core: 125
Seg: 92
Auger: _____

Start Time: _____
End Time: _____

Thu 02-29-96

Homogenization Time (Min.): _____

Jar#: 8864
Jar/Vial Size: _____ mL
Initial Weight: DNU g
Final Weight: 2-27-96 g
Net Weight: _____ g

Cone#: 8864
Final Vol: 11.5 mL
Initial Weight: 7.6 g
Final Weight: 27.1 g
Net Weight: 19.5 g

Appearance/Narrative:
BLKDENOI= 19.5/11.5 = 1.70 g/mL

WHC-CD-WM-DP-175 REV. 1

Bulk Density Worksheet

Requestor: B. Eggers

Date: 02-28-96

Tank: S102
Core: 125
Seg: 10U
Auger: ____

Start Time: ____
End Time: ____

Homogenization Time (Min.): ____

Jar#: 8869
Jar/Vial Size: ____ mL
Initial Weight: ____ g
Final Weight: ____ g
Net Weight: ____ g

Cone#: 8869
Final Vol: 12.0 mL
Initial Weight: 7.6 g
Final Weight: 27.5 g
Net Weight: 19.9 g

Appearance/Narrative:
BLK DENSI = 19.9/12. = 1.66 g/ml

Tho 02-28-96

Tank: S102
Core: 125
Seg: 10L
Auger: ____

Start Time: ____
End Time: ____

Homogenization Time (Min.): ____

Jar#: 8870
Jar/Vial Size: ____ mL
Initial Weight: ____ g
Final Weight: ____ g
Net Weight: ____ g

Cone#: 8870
Final Vol: 10.5 mL
Initial Weight: 7.6 g
Final Weight: 25.2 g
Net Weight: 17.6 g

Appearance/Narrative:
BLK DENSI = 17.6/10.5 = 1.68 g/ml

Tho 02-28-96

WHC-CM-DP-173, REV. 1

360

Bulk Density Worksheet

Requestor: B. EGGERS

Date: 02-28-96

Tank: S102
Core: 125
Seg: 11
Auger:

Start Time:
End Time:

Homogenization Time (Min.):

Jar#: 8868
Jar/Vial Size: mL
Initial Weight: g
Final Weight: g
Net Weight: g

Cone#: 8868
Final Vol: 9.0 mL
Initial Weight: 7.6 g
Final Weight: 24.9 g
Net Weight: 17.3 g

Appearance/Narrative:
BULKDENSITY = 17.3/9.0 = 1.92 g/cc

2-28-96 AC

Tank:
Core:
Seg:
Auger:

Start Time:
End Time:

Homogenization Time (Min.):

Jar#:
Jar/Vial Size: mL
Initial Weight: g
Final Weight: g
Net Weight: g

Cone#:
Final Vol: mL
Initial Weight: g
Final Weight: g
Net Weight: g

Appearance/Narrative:

02-28-96

361

WHC-SD-WM-DP-178, REV. 1

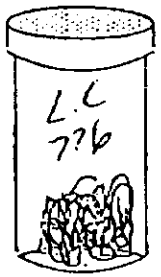
Bulk Density Worksheet

Requestor: B. Eggers

Date: 02-28-96

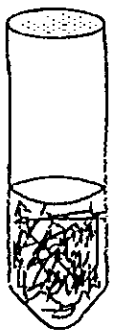
Tank: S102
Core: 125
Seg: 9LA, 9WA, 10LA, 10WA
Auger: —

Start Time: _____
End Time: _____



Homogenization Time (Min.): _____

Jar#: 8621
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

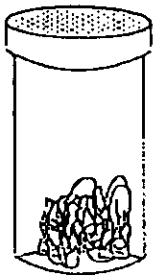


Cone#: 8621
Final Vol: 12.0 mL
Initial Weight: 7.6 g
Final Weight: 27.9 g
Net Weight: 20.3 g

Appearance/Narrative:
BULK DENSITY = 20.3 / 12.0 = 1.69 g/ml

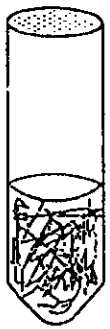
Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____



Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g



Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

WHC-SD-WM-DP-178, REV. 1

Bulk Density Worksheet

:questor: _____

Date: 3-7-96

Tank: S102
Core: 130
Seg: 2 U H
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

S96T00111

Jar#: 9193
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

363

Cone#: 9193
Final Vol: 11.5 mL
Initial Weight: 7.76 g
Final Weight: 24.54 g
Net Weight: 16.78 g

LC
AJM
3/7/96

Appearance/Narrative:

BlkDen ≅ 1.45 g/ml

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

WHC-SD-WM-DF-179, REV. 1

Bulk Density Worksheet

Requestor: _____

Date: 3/12/96

Tank: S102
Core: 130
Seg: 3 U H
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

5967001112

Jar#: 9202
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 9202
Final Vol: 9.5 mL
Initial Weight: 7.74 g
Final Weight: 22.63 g
Net Weight: 14.89 g

Appearance/Narrative:

Bik Den = 14.89/9.5 1.55 gm/ml

364

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

93c

Cone#: 3/8/96
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

WHC-SD-WM-DP-173, REV. 1

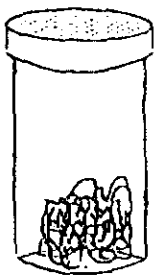
Bulk Density Worksheet

Requestor: _____

Date: 3/12/96

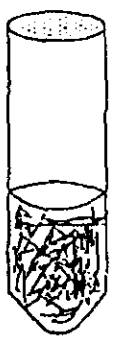
Tank: S102
Core: 130
Seg: 40H
Auger: _____

Start Time: _____
End Time: _____



Homogenization Time (Min.): _____

Jar#: 9203 SEETOCIII 3
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g



Cone#: 9203
Final Vol: 9.2 mL
Initial Weight: 7.66 g
Final Weight: 21.79 g
Net Weight: 14.13 g

Appearance/Narrative:

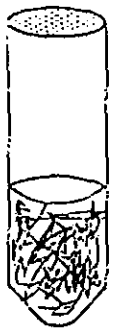
BlKDen 14.13/9.2 = 1.55 gm/ml

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g



Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

365

WMC-CD-WM-DP-176 REV. 1

Bulk Density Worksheet

Date: 3/12/96

Sequestor: _____

Tank: S-102
Core: 130
Seg: 5A
Auger: _____

596T001114

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9261
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Conc#: 9261
Final Vol: 9.3 mL
Initial Weight: 7.74 g
Final Weight: 24.40 g
Net Weight: 16.66 g

Appearance/Narrative:
BlkDen = 16.66/9.3 = 1.79 gm/ml
liquids 1.3 mls
solids 8 mls

Tank: S-102
Core: 130
Seg: 5B
Auger: _____

596T001115

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8209
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Conc#: 8209
Final Vol: 25.54 mL
Initial Weight: 7.76 g
~~Final~~ Weight: 17.88 g
~~Net Weight~~: 9.5 g
Final Vol

Appearance/Narrative:
BlkDen 17.88/9.5 = 1.88

Tank: S-102
Core: 130
Seg: 5C
Auger: _____

596T001116

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8594
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Conc#: 8594
Final Vol: 6.1 mL
Initial Weight: 7.66 g
Final Weight: 18.17 g
Net Weight: 10.51 g

Appearance/Narrative:
gm/ml
BlkDen = 10.51/6.1
= 1.72 gm/ml

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: B
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

3/12/96

Conc#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

WHC-SD-WM-DP-178, REV. 1

Bulk Density Worksheet

Requestor: _____

Date: 3/12/94

Tank: S-102
Core: 130
Seg: 6UH
Auger: ·

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

5.96T001117

Jar#: 9262
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 62
Final Vol: 11.0 mL
Initial Weight: 7.77 g
Final Weight: 26.98 g
Net Weight: 19.27 g

Appearance/Narrative:

Bulk Den = 19.27/11 = 1.75 gm/ml

Tank: S-102
Core: 130
Seg: 6LH
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

596T001118

Jar#: 9263
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 63
Final Vol: 6.0 mL
Initial Weight: 7.74 g
Final Weight: 19.04 g
Net Weight: 11.3 g

Appearance/Narrative:

Bulk Den = 11.3/6.0 = 1.88 gm/cm

WHC-SD-WM-DP-176, REV. 1

367

Bulk Density Worksheet

Requestor: Frith

Date: 3-19-96

Tank: S-102
Core: C-130
Seg: 6A 4/H
Auger: N/A

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 17
Final Vol: 10 mL
Initial Weight: 7.72 g
Final Weight: 25.39 g
Net Weight: 17.67 g

S96T001387

Appearance/Narrative:
B.d. = 17.67g / 10 ml
" = 1.77 g/ml.

LC
ABB
3/19/96

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

368

WHC-CD-AWM-DP-179, REV. 1

Bulk Density Worksheet

Requestor: Frith

Date: 3-19-96

Tank: S-102
Core: 130
Seg: 6B 4H
Auger: —

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

596T001393

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 9198
Final Vol: 16.0 mL
Initial Weight: 7.661 g
Final Weight: 25.116 g
Net Weight: 17.455 g

LC
EC 3-19-96

Appearance/Narrative:

B.D. = 17.455g / 10.0ml
" = 1.74 g/ml.

Tank: S-102
Core: 130
Seg: 6B 4H
Auger: —

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

596T001394

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 9405
Final Vol: 11.0 mL
Initial Weight: ~~7.729~~ g 7.703
Final Weight: 26.099 g
Net Weight: 18.396 g

LC
EC 3-19-96

3-19-96

Appearance/Narrative:

B.D. = 18.396g / 11.0ml
" = 1.67 g/ml.

WHC-CP-WM-DP-179, REV. 1

Bulk Density Worksheet

Requestor: _____

Date: 3/19/96

Tank: S-102
Core: 130
Seg: 7 uH
Auger: _____

Start Time: _____
End Time: _____

596 T001389

Homogenization Time (Min.): _____ Parent Jar

Jar#: 8627
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

LC
EL
3-19-96

Cone#: 8627
Final Vol: 13.5 mL
Initial Weight: 7.74 g
Final Weight: 31.09 g
Net Weight: 23.35 g

Appearance/Narrative:

BlkDen 23.35/13.5 = 1.73 gm/ml

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

ABC

Cone#: 3/19/96
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

WHC-SD-WM-DP-179, REV. 1

Bulk Density Worksheet

Requestor: L. Fritts

Date: 3/19/96

Tank: S-102
Core: 130
Seg: 8 4 H
Auger: _____

Start Time: _____
End Time: _____

S96T001408

Homogenization Time (Min.): _____

Jar#: 8623
Jar/Vial Size: 125 mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 8629
Final Vol: 10.8 mL
Initial Weight: 7.73 g
Final Weight: 26.94 g
Net Weight: 19.21 g

LC 3-19-96

Appearance/Narrative:

BlkDen = 19.21/10.8 = 1.78 gm/ml

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: ABC 3/19/96
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

WHC-CP-WM-DP-179, REV. 1

371

Bulk Density Worksheet

Requestor: Eggen/Fritts

Date: _____

372

Tank: S102
Core: 130
Seg: 8A Q-A
Auger: NA
S96T001416

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8624
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 24
Final Vol: 10.9 mL
Initial Weight: 6.617 g
Final Weight: 25.114 g
Net Weight: 18.5 g

Appearance/Narrative:
B.D = 18.5 / 10.9 = 1.70

Tank: _____
Core: 130
Seg: 8A Q-B
Auger: NA
S96T001417

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8628
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 28
Final Vol: 8.5 mL
Initial Weight: 6.66 g
Final Weight: 21.82 g
Net Weight: 15.16 g

Appearance/Narrative:
BK Den 15.16 = 1.78 gm/ml

Tank: _____
Core: 130
Seg: 8A Q-C
Auger: NA
S96T001418

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8629
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 29
Final Vol: 10.5 mL
Initial Weight: 6.69 g
Final Weight: 23.91 g
Net Weight: 17.22 g

Appearance/Narrative:
B.D = 1.64 gm/ml

Bulk Density Worksheet

Requestor: Eggers/Fitz

Date: 3/22/96

Tank: S102
Core: 130
Seg: 9UH
Auger: NA

S96T00143 9

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9410
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

373

Cone#: 10
Final Vol: 10.0 mL
Initial Weight: 6.60 g
Final Weight: 22.93 g
Net Weight: 16.33 g

3-26-96

Appearance/Narrative:

BlkDen = 16.33/10.0 = 1.63 g/ml

Tank: S102
Core: 130
Seg: 9LH
Auger: NA

S96T00144 0

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9412
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 12
Final Vol: 6.8 mL
Initial Weight: 6.65 g
Final Weight: 17.53 g
Net Weight: 10.88 g

3-26-96

Appearance/Narrative:

BlkDen = 10.88/6.8
= 1.60 g/mL

WHC-SD-WM-DP-179, REV. 1

Bulk Density Worksheet

Requestor: Eggen/Fritz

Date: _____

Tank: S102
Core: 13G
Seg: 10UH
Auger: N/A

596T00141G

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9407
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

374

Cone#: 07
Final Vol: 11.6 mL
Initial Weight: 6.73 g
Final Weight: 25.3 g
Net Weight: 18.57 g

3-26-96

Appearance/Narrative:

Solids 11 ml
liquid .6 ml
Blk Den 18.57/11.6 = 1.60 gm/ml

Tank: S102
Core: 13G
Seg: 10LH
Auger: N/A

596T00142G

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9409
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 09
Final Vol: 13.75 mL
Initial Weight: 6.67 g
Final Weight: 29.1 g
Net Weight: 22.43 g

3-26-96

Appearance/Narrative:

Blk Den 22.43/13.75 = 1.63 gm/ml

WHC-CD-WM-DP-175, REV. 1

Bulk Density Worksheet

Requestor: Eggs of Fr. 41

Date: 03-26-96

Tank: S102
Core: 130
Seg: 11 UH
Auger: NA
S96T00142I

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9536
Jar/Vial Size: 60 mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

3-26-96

Cone#: 9536
Final Vol: _____ mL
Initial Weight: 6.6 g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:
BLKDENSI = _____ g/ml
Insufficient Sample

Tank: S102
Core: 130
Seg: 11 LH
Auger: NA
S96T00142J

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 8630
Jar/Vial Size: 125 mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

3-26-96

Cone#: 8630
Final Vol: 12.0 mL
Initial Weight: 6.6 g
Final Weight: 29.1 g
Net Weight: 22.5 g

Appearance/Narrative:
BLKDENSI = 22.5/12.0 = 1.88 g/ml

WHC-CP-WM-DP-173, REV. 1

Bulk Density Worksheet

Requestor: FRITTS

Date: 4-10-96

Tank: 5102
Core: 130
Seg: Comp (Sludge) 6.19.96
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9706
Jar/Vial Size: 60 mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 9706
Final Vol: 7.2 mL
Initial Weight: 6.6 g
Final Weight: 18.4 g
Net Weight: 11.8 g

L.C. 4-10-96

Appearance/Narrative:
DENSITY = 11.8/7.2 = 1.64 g/ml

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

376

WHC-CP-WM-DP-176, REV. 1

Bulk Density Worksheet

Requestor: Ferris

Date: 4/9/96

SALTCAKE

Tank: 5102
Core: 130
Seg: Comp
Auger: –

222 6.19.96

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9447
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: 47
Final Vol: 12 mL
Initial Weight: 6.61 g
Final Weight: 26.71 g
Net Weight: 20.10 g

Appearance/Narrative:
BULK DENSITY = 20.10/12.0 = 1.68 g/mL

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 13
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

372

WHC-CD-WM-DP-176, REV. 1

Bulk Density Worksheet

Requestor: FRITTS

Date: 4/11/96

Tank: S102
Core: 130
Seg: Comp ~~Wt~~ (Sludge/Saltcake)
Auger: —

~~AJ~~ 6.19.96

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: 9441
Jar/Vial Size: 125 mL
Initial Weight: ~~4-11-96~~ g
Final Weight: ~~AJ~~ g
Net Weight: _____ g

Cone#: 9441
Final Vol: 9.5 mL
Initial Weight: 6.6 g
Final Weight: 23.2 g
Net Weight: 16.6 g

Appearance/Narrative:
Bulk density = 16.6 / 9.5 = 1.75 g/cc

4-12-96 AJ

Tank: _____
Core: _____
Seg: _____
Auger: _____

Start Time: _____
End Time: _____

Homogenization Time (Min.): _____

Jar#: _____
Jar/Vial Size: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Cone#: _____
Final Vol: _____ mL
Initial Weight: _____ g
Final Weight: _____ g
Net Weight: _____ g

Appearance/Narrative:

4-11-96

378

WHC-CD-WM-DP-179, REV. 1

LABCORE Data Entry Template for Worklist# 6119

Analyst: KGN **Instrument:** BA001 _____ **Book #** 133116-A

Method: LA-510-112 Rev/Mod C-3

Worklist Comment: C-106 AND S-102 SPG. RCJ

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	STD				SPG-01	LIQUID	1.398	1.382	N/A	Sp.G.
96000082	C-106 GRAB	2	SAMPLE	S96T000538	0		SPG-01	LIQUID	N/A	1.155	0.010	Sp.G.
96000082	C-106 GRAB	3	DUP	S96T000538	0		SPG-01	LIQUID	1.155	1.155	N/A	Sp.G.
96000030	S102	4	SAMPLE	S96T000634	0		SPG-01	LIQUID	N/A	1.369	0.010	Sp.G.
96000030	S102	5	DUP	S96T000634	0		SPG-01	LIQUID	1.369	1.464	N/A	Sp.G.
96000030	S102	6	SAMPLE	S96T000773	0		SPG-01	LIQUID	N/A	1.388	0.010	Sp.G.
96000030	S102	7	DUP	S96T000773	0		SPG-01	LIQUID	1.388	1.394	N/A	Sp.G.
96000030	S102	8	SAMPLE	S96T000838	0		SPG-01	LIQUID	N/A	.986	0.010	Sp.G.
96000030	S102	9	DUP	S96T000838	0		SPG-01	LIQUID	.986	.986	N/A	Sp.G.

Final page for worklist # 6119

[signature] 3-12-96
Analyst Signature **Date**

[signature] 3/13/96
Analyst Signature **Date**

Reviewed RW Schroeder 3/18/96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

1.81785 g
2.02592 g } STD

1.86119 g
2.06821 g } STD

```
------ CALIBRATION ------
03/12/96          15:25:50
CAL BEGIN
STD 10.1.19
TYPE  : AT 261
2.08.03
 787882
CAL END
```

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SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		STANDARD	STANDARD
STANDARD	Gross Weight (W2)	2.0259	2.0682
Work List	Tare Weight (W1)	1.8179	1.8612
6119	Weight of Solution (W2-W1)	0.20807	0.20702
Test Code	Volume of Solution µL	150.1700	150.1700
SPG-01	Specific Gravity	1.3856	1.3786
Matrix	Specific Gravity (Average)	1.3821	
LIQUID			
Sample #			
133N16A			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
K. HIGBEE	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/12/96	v RESULT v		
Time	Specific Gravity Average =	1.382	

Data Entry by:	RTS	Date:	03/13/96
Approved by:	RW Schroeder	Date:	3/18/96

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

WHC-SD-WM-DP-179, REV. 1

1.84878 g
2.04637 g

SAM
S96T000
6341

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SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	2.0464	
Work List	Tare Weight (W1)	1.8408	
6119	Weight of Solution (W2-W1)	0.20559	0
Test Code	Volume of Solution µL	150.1700	
SPG-01	Specific Gravity	1.3690	NA
Matrix			
LIQUID			
Sample #			
S95T000634			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
K. HIGBEE	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/12/96	v RESULT v		
Time	Specific Gravity =	1.369	

Data Entry by:	RTS	Date:	03/13/96
Approved by:	Ruy Schroeder	Date:	3/18/96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

WHC-SD-WM-DP-179, REV. 1

1.84197 g
2.06175 g

DUP
S96T000
634

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SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	2.0618	
Work List	Tare Weight (W1)	1.8420	
6119	Weight of Solution (W2-W1)	0.21978	0
Test Code	Volume of Solution µL	150.1700	
SPG-01	Specific Gravity	1.4635	NA
Matrix			
LIQUID			
Sample #			
S95T000634/DUP			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
K. HIGBEE	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/12/96	v RESULT v		
Time	Specific Gravity =	1.464	

Data Entry by:	RW Schroeder	Date:	03/13/96
Approved by:	RW Schroeder	Date:	3/18/96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

WHC-SD-WM-DP-179, REV. 1

1.88212 g SAM
----- CALIBRATIO S96T000
03/12/96 773
CAL BEGIN
CAL STOP
2.09050 g

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SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	2.0905	
Work List	Tare Weight (W1)	1.8821	
6119	Weight of Solution (W2-W1)	0.20838	0
Test Code	Volume of Solution µL	150.1700	
SPG-01	Specific Gravity	1.3876	NA
Matrix			
LIQUID			
Sample #			
S95T000773			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
K. HIGBEE	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/12/96	v RESULT v		
Time	Specific Gravity =	1.388	

Data Entry by:	RJS	Date:	03/13/96
Approved by:	Ron Schroeder	Date:	3/18/96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

WHC-SD-WM-DP-179, REV. 1

1.76589 g
1.97518 g
DUP S96T000 773

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SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	1.9752	
Work List	Tare Weight (W1)	1.7659	
6119	Weight of Solution (W2-W1)	0.20929	0
Test Code	Volume of Solution µL	150.1700	
SPG-01	Specific Gravity	1.3937	NA
Matrix			
LIQUID			
Sample #			
S95T000773/DUP			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
K. HIGBEE	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/12/96	v RESULT v		
Time	Specific Gravity =	1.394	

Data Entry by:	RTS	Date:	03/13/96
Approved by:	RW Schroeder	Date:	3/18/96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

WHC-SD-WM-DP-179, REV. 1

--------- END ---- SAM
1.84818 g
1.99620 g
S96T000
838

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SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	1.9962	
Work List	Tare Weight (W1)	1.8482	
6119	Weight of Solution (W2-W1)	0.14802	0
Test Code	Volume of Solution µL	150.1700	
SPG-01	Specific Gravity	0.9857	NA
Matrix			
LIQUID			
Sample #			
S95T000838			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
K. HIGBEE	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/12/96	v RESULT v		
Time	Specific Gravity =	0.986	

Data Entry by:	RTS	Date:	03/13/96
Approved by:	RW Schroeder	Date:	3/18/96

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

WHC-SD-WM-DP-179, REV. 1

1.93202 g
1.90002 g
Dup
S96T000
838

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SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	1.9800	
Work List	Tare Weight (W1)	1.8320	
6119	Weight of Solution (W2-W1)	0.148	0
Test Code	Volume of Solution µL	150.1700	
SPG-01	Specific Gravity	0.9855	NA
Matrix			
LIQUID			
Sample #			
S95T000838/DUP			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
K. HIGBEE	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/12/96	v RESULT v		
Time	Specific Gravity =	0.986	

Data Entry by:	RTS	Date:	03/13/96
Approved by:	RW Schroeder	Date:	3/18/96

LABCORE Data Entry Template for Worklist# 6523

Analyst: SMF **Instrument:** BA001 _____ **Book #** 133 N16-A

Method: LA-510-112 Rev/Mod C-3

Worklist Comment: U-107 AND S-102 SPG. RCJ

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	STD				SPG-01	LIQUID		1.366	N/A	Sp.G.
96000126	U-107	2	SAMPLE	S96T001107	0		SPG-01	LIQUID	N/A	1.437		Sp.G.
96000126	U-107	3	DUP	S96T001107	0		SPG-01	LIQUID	1.437	1.419	N/A	Sp.G.
96000094	S102	4	SAMPLE	S96T001125	0		SPG-01	LIQUID	N/A	1.452		Sp.G.
96000094	S102	5	DUP	S96T001125	0		SPG-01	LIQUID	1.452	1.489	N/A	Sp.G.

Final page for worklist # 6523

Susie M. Dulton 3-18-96 1715
Analyst Signature **Date**

3-19-96
Analyst Signature **Date**
Approved by H Anastas 3-19-96

STD 133N16-A	STD DUP	S96T001107 + DUP		S96T001125 + DUP	
Tare 1.33282 g	1.35331 g	1.30605 g	1.36727 g	1.31619 g	1.35348
Gross 1.53787 g	1.55857 g	1.52190 g	1.58036 g	1.53428 g	1.57715
Samp Size .15017 ml	.15017 ml	.15017 ml	.15017 ml	.15017 ml	.15017

Data Entry Comments: STD & SAMPLE SIZE : .15017 ml

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		STANDARD	STANDARD
STANDARD	Gross Weight (W2)	1.5379	1.5586
Work List	Tare Weight (W1)	1.3328	1.3533
6523	Weight of Solution (W2-W1)	0.20505	0.20526
Test Code	Volume of Solution µL	150.1700	150.1700
SPG-01	Specific Gravity	1.3655	1.3669
Matrix	Specific Gravity (Average)	1.3662	
LIQUID			
Sample #			
STD			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
BA001	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
SMF	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/18/96	v RESULT v		
Time	Specific Gravity Average =	1.366	
05:15 PM			

Data Entry by:	[signature]	Date:	03/19/96
Approved by:	[signature]	Date:	3-19-96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	1.5343	
Work List	Tare Weight (W1)	1.3162	
6523	Weight of Solution (W2-W1)	0.21809	0
Test Code	Volume of Solution µL	150.1700	
SPG-01	Specific Gravity	1.4523	NA
Matrix			
LIQUID			
Sample #			
S96T001125			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
BA001	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
SMF	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/18/96	v RESULT v		
Time	Specific Gravity =	1.452	
05:15 PM			

Data Entry by:	Dary Hammer	Date:	03/19/96
Approved by:	H Anastor	Date:	3-19-96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

WHC-SD-WM-DP-179, REV. 1

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		DUPLICATE	REPLICATE
DUPLICATE	Gross Weight (W2)	1.5772	
Work List	Tare Weight (W1)	1.3535	
6523	Weight of Solution (W2-W1)	0.22367	0
Test Code	Volume of Solution µL	150.1700	
SPG-01	Specific Gravity	1.4894	NA
Matrix			
LIQUID			
Sample #			
S96T001125 DUP			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
BA001	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
SMF	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
03/18/96	v RESULT v		
Time	Specific Gravity =	1.489	
05:15 PM			

Data Entry by:	[signature]	Date:	03/19/96
Approved by:	H Anderson	Date:	3-19-96

Form 510112L1 Rev. 1.1

LABCORE Data Entry Template for Worklist# 6750

Analyst: ADP **Instrument:** BA001 **Book #** 133N16A

Method: LA-510-112 Rev/Mod C-3

Worklist Comment: AY-101 & S-102 FOR SPG-01 RTS!

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	STD				SPG-01	LIQUID	1.397	1.345 / 1.079	N/A / 0.001	Sp.G.
96000257	AY-101 GRAB	2	SAMPLE	S96T001357	0		SPG-01	LIQUID	N/A / 1.079	~~1.08~~ NW 4/15/96		Sp.G.
96000257	AY-101 GRAB	3	DUP	S96T001357	0		SPG-01	LIQUID	~~1.08~~ NW 4/15/96	1.073 / 1.059	N/A / 0.001	Sp.G.
96000257	AY-101 GRAB	4	SAMPLE	S96T001358	0		SPG-01	LIQUID	N/A / 1.059	~~1.06~~ / 1.088 NW 4/15/96		Sp.G.
96000257	AY-101 GRAB	5	DUP	S96T001358	0		SPG-01	LIQUID	~~1.06~~ NW 4/15/96	~~1.09~~ / 1.379 NW 4/15/96	N/A / 0.001	Sp.G.
96000094	S102	6	SAMPLE	S96T001382	0		SPG-01	LIQUID	N/A / 1.379	~~1.38~~ NW 4/15/96		Sp.G.
96000094	S102	7	DUP	S96T001382	0		SPG-01	LIQUID	~~1.38~~ NW 4/15/96	1.451 / 1.348	N/A	Sp.G.
96000094	S102	8	SAMPLE	S96T001383	0		SPG-01	LIQUID	N/A / 1.348	~~1.353~~ / ~~1.348~~	0.001 / 1.353	Sp.G. RWS 4/16/96
96000094	S102	9	DUP	S96T001383	0		SPG-01	LIQUID	~~1.353~~ RWS 4/16/96	~~1.35~~ NW 4/15/96	N/A RWS 4/16/96	Sp.G.

Final page for worklist # 6750

Jeffrey Pierantoni 4-14-96
Analyst Signature **Date**

N E Wright 4/15/96
Analyst Signature **Date**

Reviewed & edited
RW Schroeder 4/16/96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		STANDARD	STANDARD
STANDARD	Gross Weight (W2)	1.9220	1.9818
Work List	Tare Weight (W1)	1.7860	1.8444
6750	Weight of Solution (W2-W1)	0.136	0.1374
Test Code	Volume of Solution µL	100.1200	100.1200
SPG-01	Specific Gravity	1.3584	1.3724
Matrix	Specific Gravity (Average)	1.3654	
LIQUID			
Sample #			
133N16A			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
A. PURINTON	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
04/14/96	v RESULT v		
Time	Specific Gravity Average =	1.365	

Data Entry by:	[illegible]	Date:	04/15/96
Approved by:	RW Schroeder	Date:	4/16/96

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	2.0028	1.9256
Work List	Tare Weight (W1)	1.8533	1.7990
6750	Weight of Solution (W2-W1)	0.1495	0.1266
Test Code	Volume of Solution µL	100.1200	100.1200
SPG-01	Specific Gravity	1.4932	1.2645
Matrix	Specific Gravity (Average)	1.3788	
LIQUID			
Sample #			
S96T1382			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
A. PURINTON	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
04/14/96	v RESULT v		
Time	Specific Gravity Average =	1.379	

Data Entry by:	RE Wright	Date:	04/15/96
Approved by:	RW Schroeder	Date:	4/16/96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		DUPLICATE	REPLICATE
DUPLICATE	Gross Weight (W2)	2.0462	1.9976
WorkList	Tare Weight (W1)	1.9006	1.8527
6750	Weight of Solution (W2-W1)	0.1456	0.1449
Test Code	Volume of Solution µL	100.1200	100.1200
SPG-01	Specific Gravity	1.4543	1.4473
Matrix	Specific Gravity (Average)	1.4508	
LIQUID			
Sample #			
S96T1382			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
A. PURINTON	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
04/14/96	v RESULT v		
Time	Specific Gravity Average =	1.451	

Data Entry by: TE Wright Date: 04/15/96

Approved by: RW Schroeder Date: 4/16/96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type
SAMPLE
Work List
6750
Test Code
SPG-01
Matrix
LIQUID
Sample #
S96T001383
Instrument Code
Analyst
A. PURINTON
Date
04/14/96
Time

	SAMPLE	REPLICATE
Gross Weight (W2)	1.9512	1.9611
Tare Weight (W1)	1.8147	1.8277
Weight of Solution (W2-W1)	0.1365	0.1334
Volume of Solution µL	100.1200	100.1200
Specific Gravity	1.3634	1.3324
Specific Gravity (Average)	1.3479	

Gross Weight (W2) = Wt. of vial + cap + cotton + solution
Tare Weight (W1) = Wt. of vial + cap + cotton

Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]

v RESULT v

Specific Gravity Average =	1.348

Data Entry by:	TEWright	Date:	04/15/96
Approved by:	RW Schroeder	Date:	4/16/96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

WHC-SD-WM-DP-179, REV. 1

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		DUPLICATE	REPLICATE
DUPLICATE	Gross Weight (W2)	2.0335	1.9657
WorkList	Tare Weight (W1)	1.8974	1.8309
6750	Weight of Solution (W2-W1)	0.1361	0.1348
TestCode	Volume of Solution µL	100.1200	100.1200
SPG-01	Specific Gravity	1.3594	1.3464
Matrix	Specific Gravity (Average)	1.3529	
LIQUID			
Sample #			
S96T001383			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
A. PURINTON	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
04/14/96	v RESULT v		
Time	Specific Gravity Average =	1.353	

Data Entry by:	REWright	Date:	04/15/96
Approved by:	Ruj Schroeder	Date:	4/16/96

Form 510112L1 Rev. 1.1

Page 1 of 1

LABCORE Data Entry Template for Worklist# 7261

Analyst: ADP **Instrument:** BA001 **Book #** 133N16-A

Method: LA-510-112 Rev/Mod C-3

Worklist Comment: S-102 & AY-101 SPG RUN IN DUPLICATE. RCJ

GROUP	PROJECT	S TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 STD				SPG-01	LIQUID	1.3976	1.386	N/A	Sp.G.
96000257	AY-101 GRAB	2 SAMPLE	S96T001519	0		SPG-01	LIQUID	N/A	1.099	0.001	Sp.G.
96000257	AY-101 GRAB	3 DUP	S96T001519	0		SPG-01	LIQUID	1.099	1.093	N/A	Sp.G.
96000257	AY-101 GRAB	4 SAMPLE	S96T001520	0		SPG-01	LIQUID	N/A	1.081	0.001	Sp.G.
96000257	AY-101 GRAB	5 DUP	S96T001520	0		SPG-01	LIQUID	1.081	1.073	N/A	Sp.G.
96000094	S102	6 SAMPLE	S96T001437	0		SPG-01	LIQUID	N/A	1.272	0.001	Sp.G.
96000094	S102	7 DUP	S96T001437	0		SPG-01	LIQUID	1.272	1.276	N/A	Sp.G.

Final page for worklist # 7261

Anthony Pinto 4-19-96
Analyst Signature **Date**

RJSkal 4-19-96
Analyst Signature **Date**

Reviewed & edited RW Schroeder 4/22/96

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		STANDARD	STANDARD
STANDARD	Gross Weight (W2)	1.9638	1.9804
Work List	Tare Weight (W1)	1.8262	1.8405
7261	Weight of Solution (W2-W1)	0.1376	0.1399
Test Code	Volume of Solution µL	100.1200	100.1200
SPG-01	Specific Gravity	1.3744	1.3973
Matrix	Specific Gravity (Average)	1.3858	
LIQUID			
Sample #			
133N1[illegible]A			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
BA001	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
ADP	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
04/19/96	v RESULT v		
Time	Specific Gravity Average =	1.386	

Data Entry by:	RTS	Date:	04/19/96
Approved by:	Ru Schroeder	Date:	4/22/96

Form 51-[illegible]12L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	1.9849	
Work List	Tare Weight (W1)	1.8575	
7261	Weight of Solution (W2-W1)	0.1274	0
Test Code	Volume of Solution µL	100.1200	
SPG-01	Specific Gravity	1.2725	NA
Matrix			
LIQUID			
Sample #			
S96T001137			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
BA001	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
ADP	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
04/19/96	v RESULT v		
Time	Specific Gravity =	1.272	

Data Entry by:	RTS	Date:	04/19/96
Approved by:	Ray Schroeder	Date:	4/22/96

Form 510112L1 Rev. 1.1

PLACE ANALYTICAL CARD IN BOX BELOW OR ATTACH TRAVELER

SPECIFIC GRAVITY : LA-510-112 (C-3)

Type		SAMPLE	REPLICATE
SAMPLE	Gross Weight (W2)	2.0055	
Work List	Tare Weight (W1)	1.8777	
7261	Weight of Solution (W2-W1)	0.1278	0
Test Code	Volume of Solution µL	100.1200	
SPG-01	Specific Gravity	1.2765	NA
Matrix			
LIQUID			
Sample #			
96T001 37/DUP			
Instrument Code	Gross Weight (W2) = Wt. of vial + cap + cotton + solution		
A001	Tare Weight (W1) = Wt. of vial + cap + cotton		
Analyst			
DP	Specific Gravity = [(W2-W1) * 1000 µL/mL] / [Vol. of Solution µL * 1.000 g/mL]		
Date			
4/19/96	v RESULT v		
Time	Specific Gravity =	1.276	

Data Entry by:	RTS	Date:	04/19/96
Approved by:	RW Schroeder	Date:	4/22/96

Form 5101.2L1 Rev. 1.1

96032731.001 ID

LABCORE Data Entry Template for Worklist# 6130

Analyst: VLM **Instrument:** IC00 ICOI **Book#** ~~T33N~~ 138N9-C vm3-27-96

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S102 FOR IC RTS!

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	SAMPLE	S96T000634	0		@IC-01	LIQUID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
4	DUP	S96T000634	0		@IC-01	LIQUID		
5	SAMPLE	S96T000773	0		@IC-01	LIQUID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
6	DUP	S96T000773	0		@IC-01	LIQUID		
7	SAMPLE	S96T000838	0		@IC-01	LIQUID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
8	DUP	S96T000838	0		@IC-01	LIQUID		

Final page for worklist # 6130

Valerie L Massie 03-27-96
Analyst Signature **Date**

Analyst Signature **Date**

sample S96T000634 viscous type liquid - hard to ~~pipette~~ pipette! vm3-27-96 VMassie 03-27-96
Exported 4/11/96
In shell

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6130

Analyst: vlm **Instrument:** IC01 **Book#** 133N9C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S102 FOR IC RTS!

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		3.81e-01	0.381	ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	5.9e1		6.18e+01	104.746	% Recovery
2	CCV			0	@IC-QC	CL	QC	7.9e1		7.80e+01	98.734	% Recovery
2	CCV			0	@IC-QC	NO2	QC	5.34e2		5.49e+02	102.809	% Recovery
2	CCV			0	@IC-QC	BR	QC	5.75e2		5.86e+02	101.913	% Recovery
2	CCV			0	@IC-QC	NO3	QC	6.14e2		6.20e+02	100.977	% Recovery
2	CCV			0	@IC-QC	PO4	QC	5.46e2		5.57e+02	102.015	% Recovery
2	CCV			0	@IC-QC	SO4	QC	6.31e2		6.39e+02	101.268	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	5.04e2		5.33e+02	105.754	% Recovery
3	SAMPLE	S96T000634		0	@IC-01	F-02	LIQUID	N/A	<	1.326e+02	132.600	ug/mL
3	SAMPLE	S96T000634		0	@IC-01	CL-02	LIQUID	N/A		1.346e+04	173.400	ug/mL
3	SAMPLE	S96T000634		0	@IC-01	NO2-02	LIQUID	N/A		1.424e+05	1092.000	ug/mL
3	SAMPLE	S96T000634		0	@IC-01	BR-02	LIQUID	N/A	<	1.285e+03	1285.000	ug/mL
3	SAMPLE	S96T000634		0	@IC-01	NO3-02	LIQUID	N/A		1.251e+05	1428.000	ug/mL
3	SAMPLE	S96T000634		0	@IC-01	PO4-02	LIQUID	N/A		5.471e+03	1213.000	ug/mL
3	SAMPLE	S96T000634		0	@IC-01	SO4-02	LIQUID	N/A		3.533e+03	1386.000	ug/mL
3	SAMPLE	S96T000634		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.071e+03	1071.000	ug/mL
4	DUP	S96T000634		0	@IC-01	F-02	LIQUID	<1.33e2		<1.33e2		RPD
4	DUP	S96T000634		0	@IC-01	CL-02	LIQUID	1.35e+04		1.32e+04	2.247	RPD
4	DUP	S96T000634		0	@IC-01	NO2-02	LIQUID	1.42e+05		1.40e+05	1.418	RPD
4	DUP	S96T000634		0	@IC-01	BR-02	LIQUID	<1.28e3		<1.29e3		RPD
4	DUP	S96T000634		0	@IC-01	NO3-02	LIQUID	1.25e+05		1.22e+05	2.429	RPD
4	DUP	S96T000634		0	@IC-01	PO4-02	LIQUID	5.47e+03		4.98e+03	9.378	RPD
4	DUP	S96T000634		0	@IC-01	SO4-02	LIQUID	3.53e+03		3.44e+03	2.582	RPD
4	DUP	S96T000634		0	@IC-01	OXALATE2	LIQUID	<1.07e3		<1.07e3		RPD
5	SAMPLE	S96T000773		0	@IC-01	F-02	LIQUID	N/A		4.163e+02	132.600	ug/mL
5	SAMPLE	S96T000773		0	@IC-01	CL-02	LIQUID	N/A		5.875e+03	173.400	ug/mL
5	SAMPLE	S96T000773		0	@IC-01	NO2-02	LIQUID	N/A		5.948e+04	1092.000	ug/mL
5	SAMPLE	S96T000773		0	@IC-01	BR-02	LIQUID	N/A		8.850e+03	1285.000	ug/mL
5	SAMPLE	S96T000773		0	@IC-01	NO3-02	LIQUID	N/A		2.839e+05	1428.000	ug/mL
5	SAMPLE	S96T000773		0	@IC-01	PO4-02	LIQUID	N/A		5.471e+03	1213.000	ug/mL
5	SAMPLE	S96T000773		0	@IC-01	SO4-02	LIQUID	N/A		6.661e+03	1386.000	ug/mL
5	SAMPLE	S96T000773		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.071e+03	1071.000	ug/mL
6	DUP	S96T000773		0	@IC-01	F-02	LIQUID	4.16e+02		<1.33e2		RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6130

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
6	DUP	S96T000773		0	@IC-01	CL-02	LIQUID	5.88e+03		5.91e+03	0.509	RPD
6	DUP	S96T000773		0	@IC-01	NO2-02	LIQUID	5.95e+04		6.04e+04	1.501	RPD
6	DUP	S96T000773		0	@IC-01	BR-02	LIQUID	8.85e+03		8.95e+03	1.124	RPD
6	DUP	S96T000773		0	@IC-01	NO3-02	LIQUID	2.84e+05		2.85e+05	0.351	RPD
6	DUP	S96T000773		0	@IC-01	PO4-02	LIQUID	5.47e+03		5.72e+03	4.468	RPD
6	DUP	S96T000773		0	@IC-01	SO4-02	LIQUID	6.66e+03		6.66e+03	0.000	RPD
6	DUP	S96T000773		0	@IC-01	OXALATE2	LIQUID	<1.07e3		<1.07e3		RPD
7	SAMPLE	S96T000838		0	@IC-01	F-02	LIQUID	N/A	<	1.313e+00	1.313	ug/mL
7	SAMPLE	S96T000838		0	@IC-01	CL-02	LIQUID	N/A		7.081e+01	1.717	ug/mL
7	SAMPLE	S96T000838		0	@IC-01	NO2-02	LIQUID	N/A		2.682e+01	10.810	ug/mL
7	SAMPLE	S96T000838		0	@IC-01	BR-02	LIQUID	N/A	<	1.273e+01	12.730	ug/mL
7	SAMPLE	S96T000838		0	@IC-01	NO3-02	LIQUID	N/A		1.023e+02	14.140	ug/mL
7	SAMPLE	S96T000838		0	@IC-01	PO4-02	LIQUID	N/A	<	1.201e+01	12.010	ug/mL
7	SAMPLE	S96T000838		0	@IC-01	SO4-02	LIQUID	N/A		3.170e+01	13.730	ug/mL
7	SAMPLE	S96T000838		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.061e+01	10.610	ug/mL
8	DUP	S96T000838		0	@IC-01	F-02	LIQUID	<1.31e0		<1.31e0		RPD
8	DUP	S96T000838		0	@IC-01	CL-02	LIQUID	7.08e+01		7.05e+01	0.425	RPD
8	DUP	S96T000838		0	@IC-01	NO2-02	LIQUID	2.68e+01		2.68e+01	0.000	RPD
8	DUP	S96T000838		0	@IC-01	BR-02	LIQUID	<1.27e1		<1.27e1		RPD
8	DUP	S96T000838		0	@IC-01	NO3-02	LIQUID	1.02e+02		1.04e+02	1.942	RPD
8	DUP	S96T000838		0	@IC-01	PO4-02	LIQUID	<1.20e1		<1.20e1		RPD
8	DUP	S96T000838		0	@IC-01	SO4-02	LIQUID	3.17e+01		3.28e+01	3.411	RPD
8	DUP	S96T000838		0	@IC-01	OXALATE2	LIQUID	<1.06e1		<1.06e1		RPD

Final page for worklist# 6130

Analyst Signature Date

Analyst Signature Date

Reviewer Signature Date 6/18/96

Validated 6/18/96

Units shown for QC (BLK/BKG) may not reflect the actual units.

A-0010-IC DATA FILE/WORKLIST RESOLUTION 18-Jun-96

Worklist#: 6130

		Seq	Type	Sample #
-	=>	1	CCB	
	=>	2	CCV	
	=>	3	SAMPLE	S96T000634
	=>	4	DUP	S96T000634
	=>	5	SAMPLE	S96T000773
	=>	6	DUP	S96T000773
	=>	7	SAMPLE	S96T000838
	=>	8	DUP	S96T000838
+				

Data File: 6130MAR.CSV

	Seq#	Data File	Sample Name	Dilution
-	1	96032731.d01	INSTR STD	1.00
	2	96032731.d04	133N9-C STD	101.00
	3	96032731.d07	S96T000634 SAMPL	10201.00
	4	96032731.d10	S96T000634 DUP	10201.00
	5	96032731.d11	S96T000773 SAMPL	10201.00
	6	96032731.d12	S96T000773 DUP	10201.00
	7	96032731.d14	S96T000838 SAMPL	101.00
	8	96032731.d15	S96T000838 DUP	101.00
+				

Save(F4) Abort(Shift-F3) ListFiles(Shift-F1) UploadFile(F8)

Data Reprocessed On 06/21/1996 09:20:34 CWL 6/30

Sample Name: INSTR STD Date: 03/27/1996 09:10:01
Data File : C:\DX\DATA\96032731.d01
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 1 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

WHC-SD-WM-DP-179, REV. 1

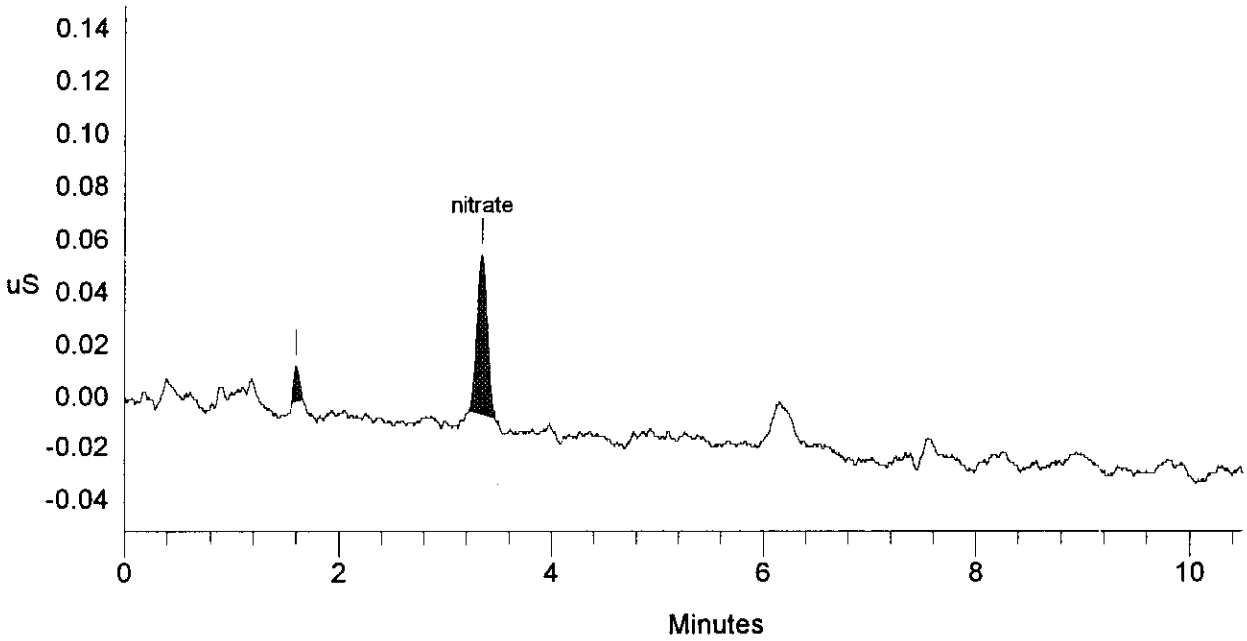
for VLM 6/21/96

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	3.35	nitrate	0.381	60	402	1	6.58
		Totals	0.381	60	402		

File: 96032731.d01 Sample: INSTR STD



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 405 TO 412.

Data Reprocessed On 06/21/1996 09:20:38

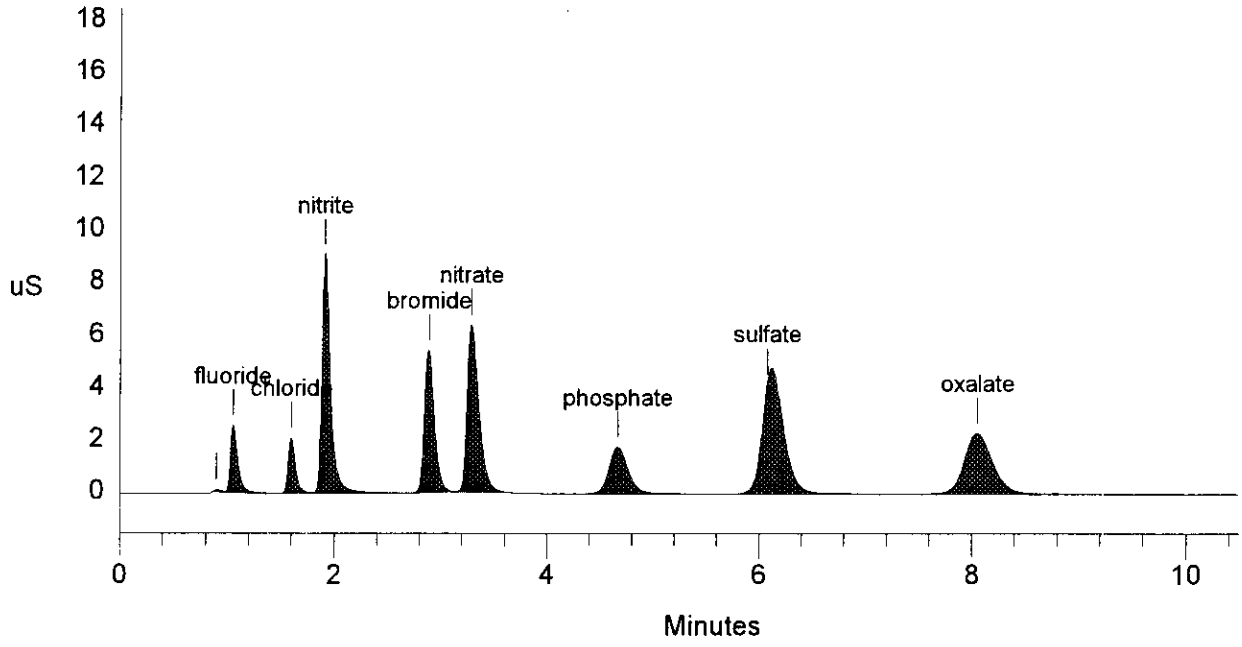
Sample Name: 133N9-C STD	Date: 03/27/1996 10:44:23
Data File : C:\DX\DATA\96032731.d04	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 4	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	84	360	2	
2	1.05	fluoride	61.763	2548	12064	2	0.32
3	1.60	chloride	78.020	2103	9699	1	0.00
4	1.91	nitrite	549.219	9051	49645	1	-1.37
5	2.89	bromide	585.875	5423	35041	1	2.61
6	3.29	nitrate	619.613	6371	48534	1	4.67
7	4.67	phosphate	556.567	1768	22268	1	0.00
8	6.08	sulfate	638.823	4181	65873	1	0.00
9	8.05	oxalate	533.219	2335	43068	1	1.34
		Totals	3623.099	33863	286552		

File: 96032731.d04 Sample: 133N9-C STD



Data Reprocessed On 06/21/1996 09:20:42

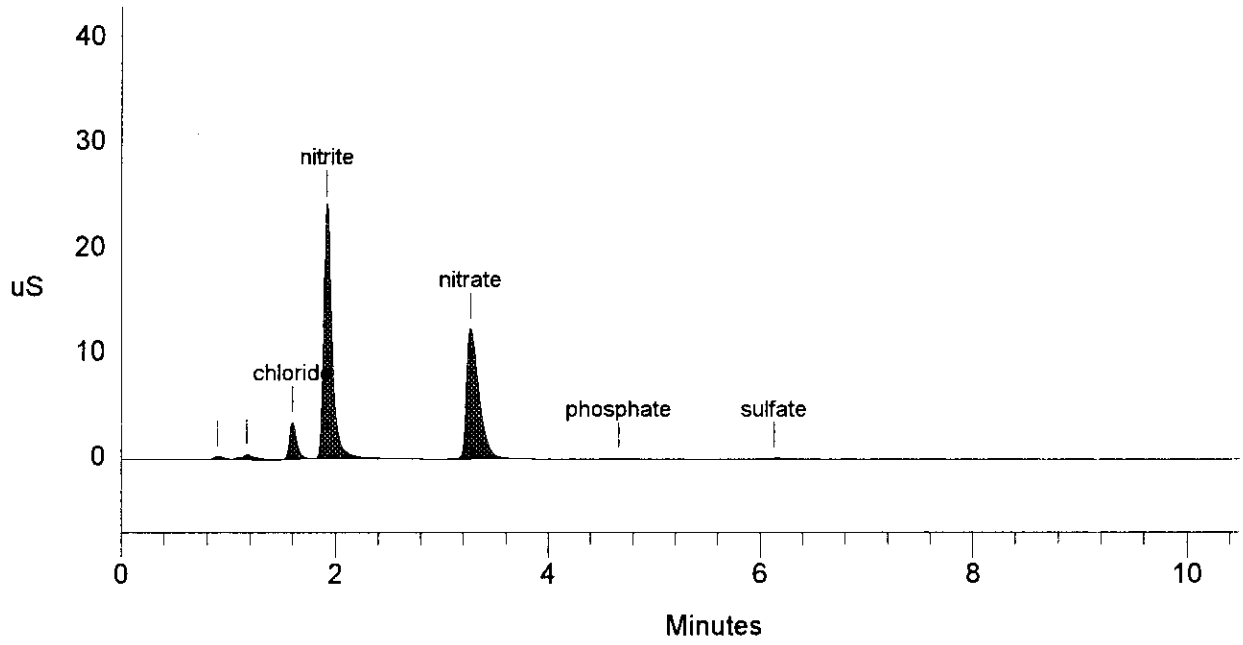
Sample Name: S96T000634 SAMPLE	Date: 03/27/1996 13:48:03
Data File : C:\DX\DATA\96032731.d07	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 7	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	10201	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	279	1714	2	
2	1.17		0.000	521	4228	2	
3	1.60	chloride	13464.008	3551	16812	1	0.00
4	1.92	nitrite	142388.482	23985	132919	1	-1.03
5	3.27	nitrate	125067.184	12407	101142	1	4.03
6	4.67	phosphate	5471.328	57	745	1	0.00
7	6.13	sulfate	3532.940	83	1272	1	0.88
		Totals	289923.942	40883	258831		

File: 96032731.d07 Sample: S96T000634 SAMPLE



Data Reprocessed On 06/21/1996 09:20:46

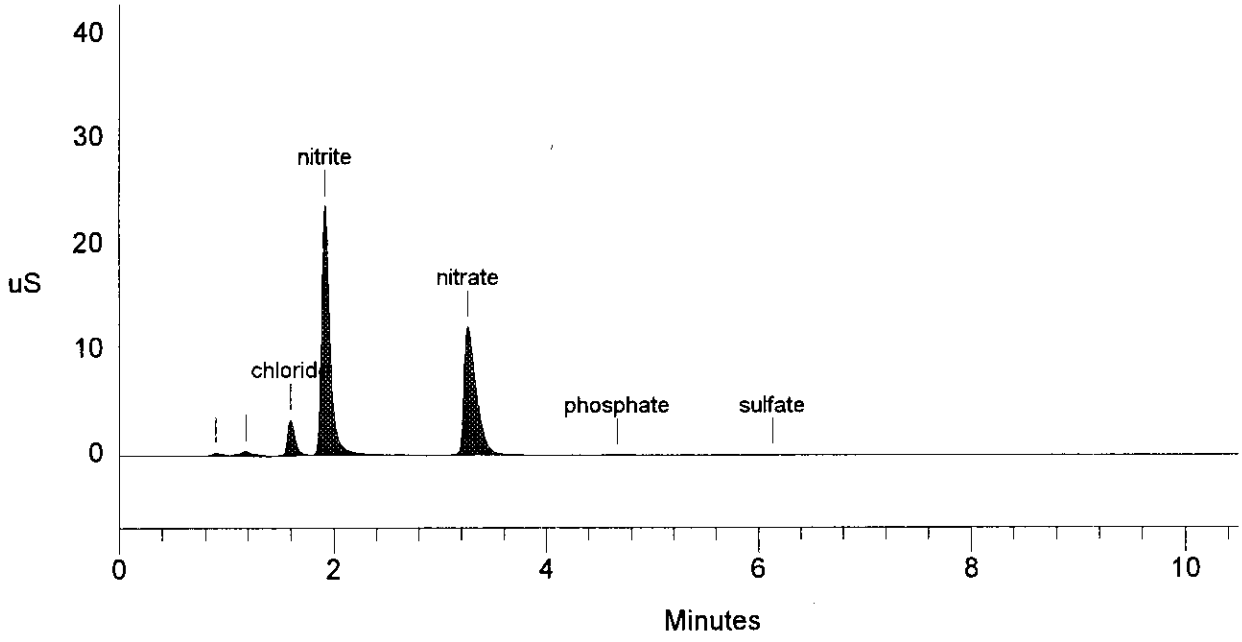
Sample Name: S96T000634 DUP	Date: 03/27/1996 14:17:48
Data File : C:\DX\DATA\96032731.d10	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 10	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	10201	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	255	1571	2	
2	1.18		0.000	513	4146	2	
3	1.60	chloride	13234.754	3469	16518	1	0.00
4	1.92	nitrite	140063.241	23609	130658	1	-1.03
5	3.26	nitrate	122352.494	12215	98825	1	3.82
6	4.67	phosphate	4982.230	49	539	1	0.00
7	6.13	sulfate	3443.070	77	1178	1	0.88
		Totals	284075.790	40185	253435		

File: 96032731.d10 Sample: S96T000634 DUP



Data Reprocessed On 06/21/1996 09:20:49

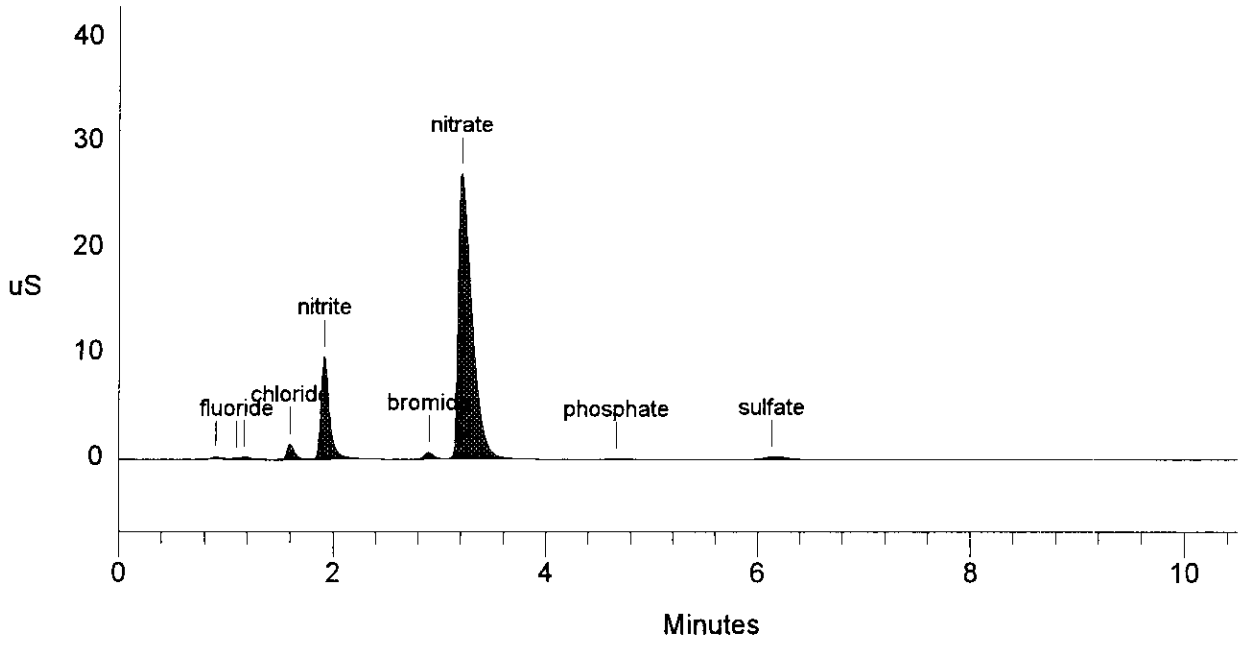
Sample Name: S96T000773 SAMPLE Date: 03/27/1996 14:33:03
Data File : C:\DX\DATA\96032731.d11
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 11 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	10201	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	187	1157	2	
2	1.10	fluoride	416.326	136	553	2	4.76
3	1.17		0.000	260	1739	2	
4	1.60	chloride	5875.278	1469	7178	1	0.00
5	1.92	nitrite	59477.922	9751	53429	1	-1.03
6	2.90	bromide	8850.431	665	3924	1	3.08
7	3.21	nitrate	283929.622	27020	242102	1	2.12
8	4.67	phosphate	5470.852	62	745	1	0.00
9	6.13	sulfate	6661.369	290	4536	1	0.88
		Totals	370681.799	39840	315362		

File: 96032731.d11 Sample: S96T000773 SAMPLE



Data Reprocessed On 06/21/1996 09:20:53

Sample Name: S96T000773 DUP Date: 03/27/1996 14:49:09
Data File : C:\DX\DATA\96032731.d12
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 12 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

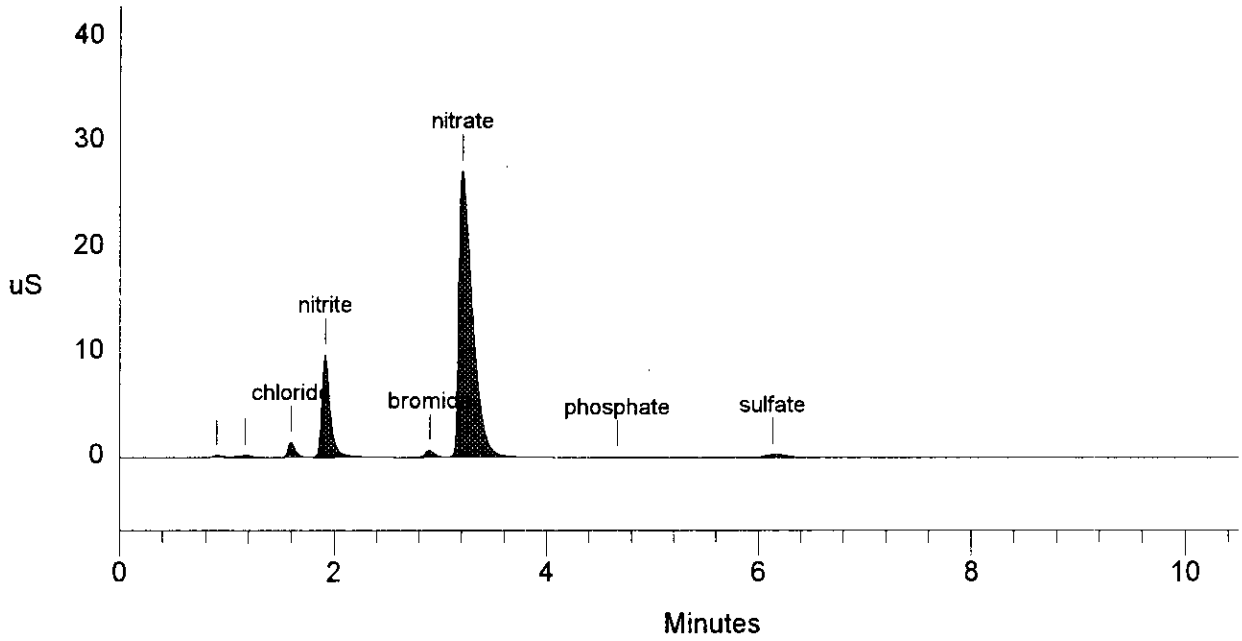
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	10201	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	188	1160	2	
2	1.17		0.000	264	2313	2	
3	1.60	chloride	5912.461	1496	7224	1	0.00
4	1.92	nitrite	60371.268	9831	54273	1	-1.03
5	2.90	bromide	8949.049	674	3984	1	3.08
6	3.21	nitrate	285102.505	27232	243186	1	2.12
7	4.67	phosphate	5717.393	60	848	1	0.00
8	6.13	sulfate	6664.337	292	4539	1	0.88
		Totals	372717.013	40037	317528		

File: 96032731.d12 Sample: S96T000773 DUP



Data Reprocessed On 06/21/1996 09:20:57

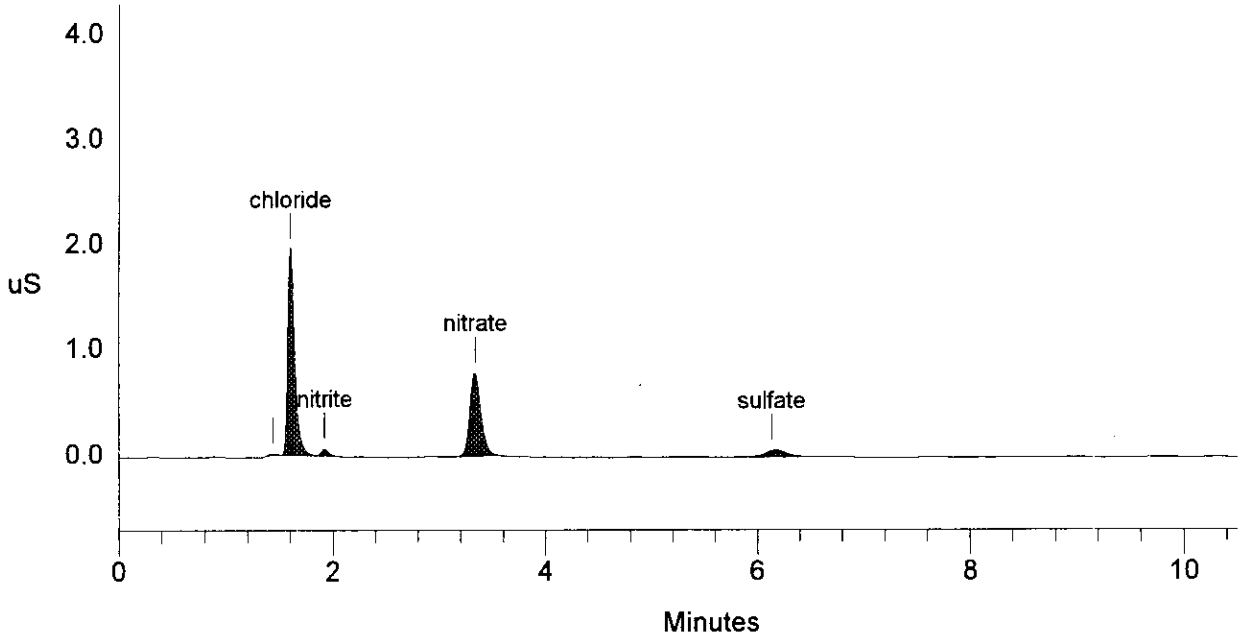
Sample Name: S96T000838 SAMPLE Date: 03/27/1996 15:13:22
Data File : C:\DX\DATA\96032731.d14
Method : C:\DX\METHOD\KIT.MET WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 14 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	1.60	chloride	70.811	1949	8781	1	0.00
3	1.92	nitrite	26.816	64	295	1	-1.03
4	3.33	nitrate	102.277	781	5628	1	6.16
5	6.13	sulfate	31.698	60	926	1	0.88
		Totals	231.603	2853	15630		

File: 96032731.d14 Sample: S96T000838 SAMPLE



Data Reprocessed On 06/21/1996 09:21:00

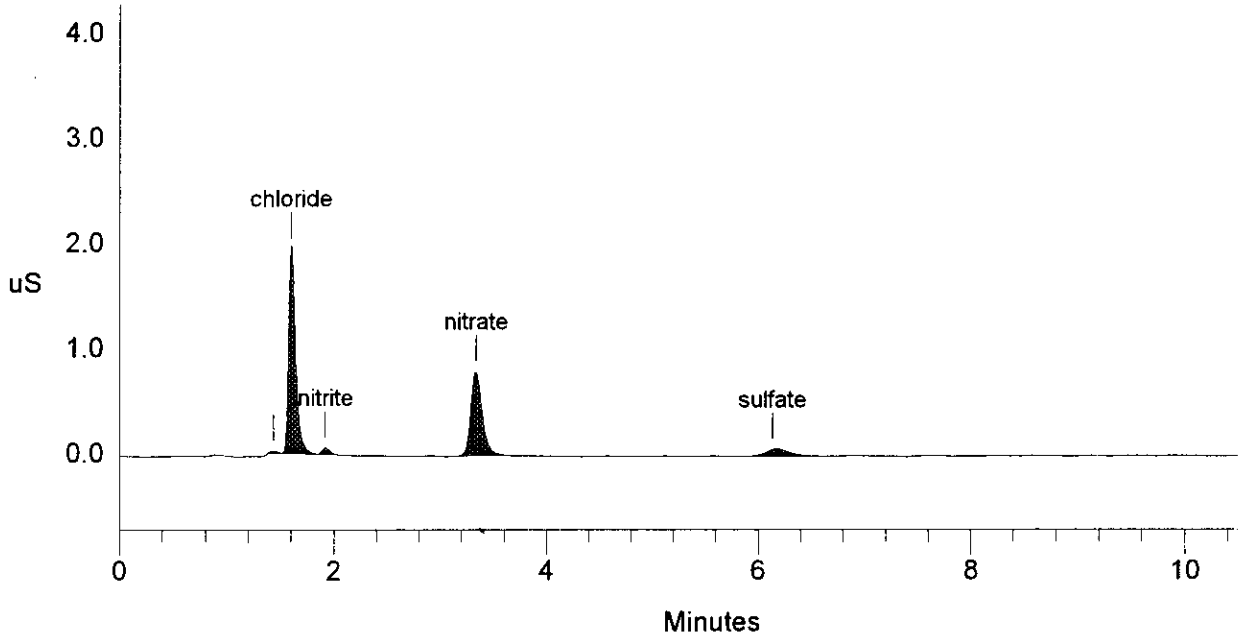
Sample Name: S96T000838 DUP	Date: 03/27/1996 15:26:00
Data File : C:\DX\DATA\96032731.d15	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 15	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	1.60	chloride	70.487	1942	8740	1	0.00
3	1.92	nitrite	26.835	63	297	1	-1.03
4	3.33	nitrate	104.281	795	5792	1	6.16
5	6.13	sulfate	32.835	62	1046	1	0.88
		Totals	234.438	2862	15875		

File: 96032731.d15 Sample: S96T000838 DUP



LABCORE Completed Worklist Report for Worklist# 6215

Analyst: vlm **Instrument:** IC02 **Book#** 133U9A

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 @IC-01. RCJ

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		<1.40e-1		ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		5.97e+01	101.186	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		8.18e+01	103.544	% Recovery
2	CCV			0	@IC-QC	NO2	QC	537		5.78e+02	107.635	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		6.06e+02	105.391	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		6.52e+02	106.189	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.82e+02	106.593	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		6.50e+02	103.011	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	509		5.55e+02	109.037	% Recovery
3	SAMPLE	S96T000326		0	@IC-01	F-02	LIQUID	N/A	<	1.444e+01	14.440	ug/mL
3	REJECT	S96T000326		0	@IC-01	F-02	LIQUID	N/A	<	1.444e+01		ug/mL
3	SAMPLE	S96T000326		0	@IC-01	CL-02	LIQUID	N/A		5.579e+01	18.890	ug/mL
3	REJECT	S96T000326		0	@IC-01	CL-02	LIQUID	N/A		5.579e+01		ug/mL
3	SAMPLE	S96T000326		0	@IC-01	NO2-02	LIQUID	N/A	<	1.189e+02	118.900	ug/mL
3	REJECT	S96T000326		0	@IC-01	NO2-02	LIQUID	N/A	<	1.189e+02		ug/mL
3	SAMPLE	S96T000326		0	@IC-01	BR-02	LIQUID	N/A		9.769e+03	140.000	ug/mL
3	REJECT	S96T000326		0	@IC-01	BR-02	LIQUID	N/A		9.769e+03		ug/mL
3	SAMPLE	S96T000326		0	@IC-01	NO3-02	LIQUID	N/A	<	1.555e+02	155.500	ug/mL
3	REJECT	S96T000326		0	@IC-01	NO3-02	LIQUID	N/A	<	1.555e+02		ug/mL
3	SAMPLE	S96T000326		0	@IC-01	PO4-02	LIQUID	N/A	<	1.321e+02	132.100	ug/mL
3	REJECT	S96T000326		0	@IC-01	PO4-02	LIQUID	N/A	<	1.321e+02		ug/mL
3	REJECT	S96T000326		0	@IC-01	PO4-02	LIQUID	N/A	<	1.332e+02		ug/mL
3	SAMPLE	S96T000326		0	@IC-01	SO4-02	LIQUID	N/A	<	1.510e+02	151.000	ug/mL
3	REJECT	S96T000326		0	@IC-01	SO4-02	LIQUID	N/A	<	1.510e+02		ug/mL
3	SAMPLE	S96T000326		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.167e+02	116.700	ug/mL
3	REJECT	S96T000326		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.167e+02		ug/mL
4	DUP	S96T000326		0	@IC-01	F-02	LIQUID	<1.44e1		<1.44e1		RPD
4	DUP	S96T000326		0	@IC-01	CL-02	LIQUID	5.58e+01		<1.89e1		RPD
4	DUP	S96T000326		0	@IC-01	NO2-02	LIQUID	<1.19e2		<1.19e2		RPD
4	DUP	S96T000326		0	@IC-01	BR-02	LIQUID	9.77e+03		9.35e+03	4.393	RPD
4	DUP	S96T000326		0	@IC-01	NO3-02	LIQUID	<1.56e2		2.18e+02		RPD
4	DUP	S96T000326		0	@IC-01	PO4-02	LIQUID	<1.32e2		<1.32e2		RPD
4	DUP	S96T000326		0	@IC-01	SO4-02	LIQUID	<1.51e2		<1.51e2		RPD
4	DUP	S96T000326		0	@IC-01	OXALATE2	LIQUID	<1.17e2		<1.17e2		RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6215

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit

Final page for worklist# 6215

Analyst Signature **Date**

Analyst Signature **Date**

Anna M. Joyce 4/19/96
Reviewer Signature **Date**

Units shown for QC (BLK/BKG) may not reflect the actual units.

A-0010-IC DATA FILE/WORKLIST RESOLUTION 01-Apr-96

Worklist#: 6215

		Seq	Type	Sample #
-	=>	1	CCB	
	=>	2	CCV	
	=>	3	SAMPLE	S96T000326
	=>	4	DUP	S96T000326
+				

Data File: 6215MAR.CSV

	Seq#	Data File	Sample Name	Dilution
-	1	96031931.d02	INSTR BLANK	1.00
	2	96031931.d03	133N9-A STD	101.00
		96031931.d04	S96T000326 SAMPL	10201.00
	3	96031931.d05	S96T000326 SAMPL	1111.00
	4	96031931.d06	S96T000326 DUP	1111.00
+				

Save(F4) Abort(Shift-F3) ListFiles(Shift-F1) UploadFile(F8)

Data Reprocessed On 04/01/1996 09:30:07

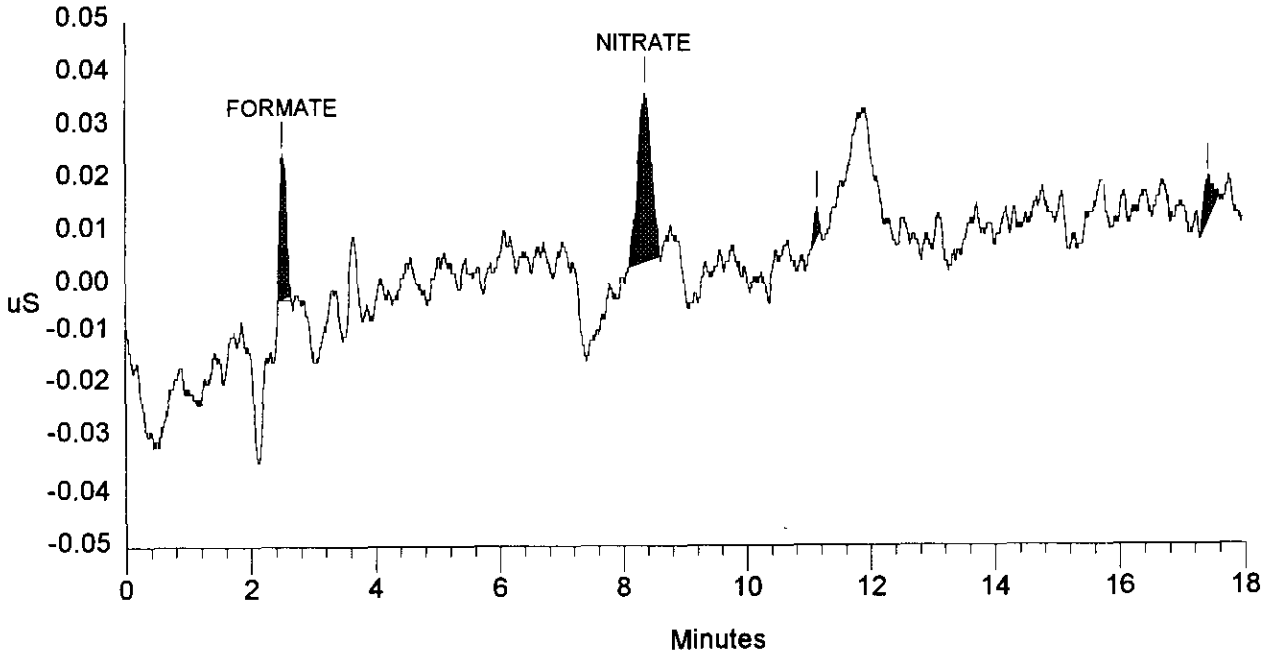
Sample Name: INSTR BLANK Date: 03/19/1996 09:17:56
Data File : C:\DX\DATA\96031931.d02 WHC-SD-WM-DP-179, REV. /
Method : C:\DX\METHOD\AS12A.MET
ACI Address: 1 System: 1 Inject#: 2 Detector:CDM-1
Analyst M. Smith 4/2/96 Column: AG4A-SC,AS4A-SC, SRS

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	5400	5Hz	0.00	18.00	50

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	2.52	FORMATE	15.448	27	200	1	-1.95
2	8.37	NITRATE	0.054	32	484	1	6.58
4	17.43		0.000	8	76	1	
		Totals	15.503	67	759		

File: 96031931.d02 Sample: INSTR BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 416 TO 420.

Data Reprocessed On 04/01/1996 09:30:09

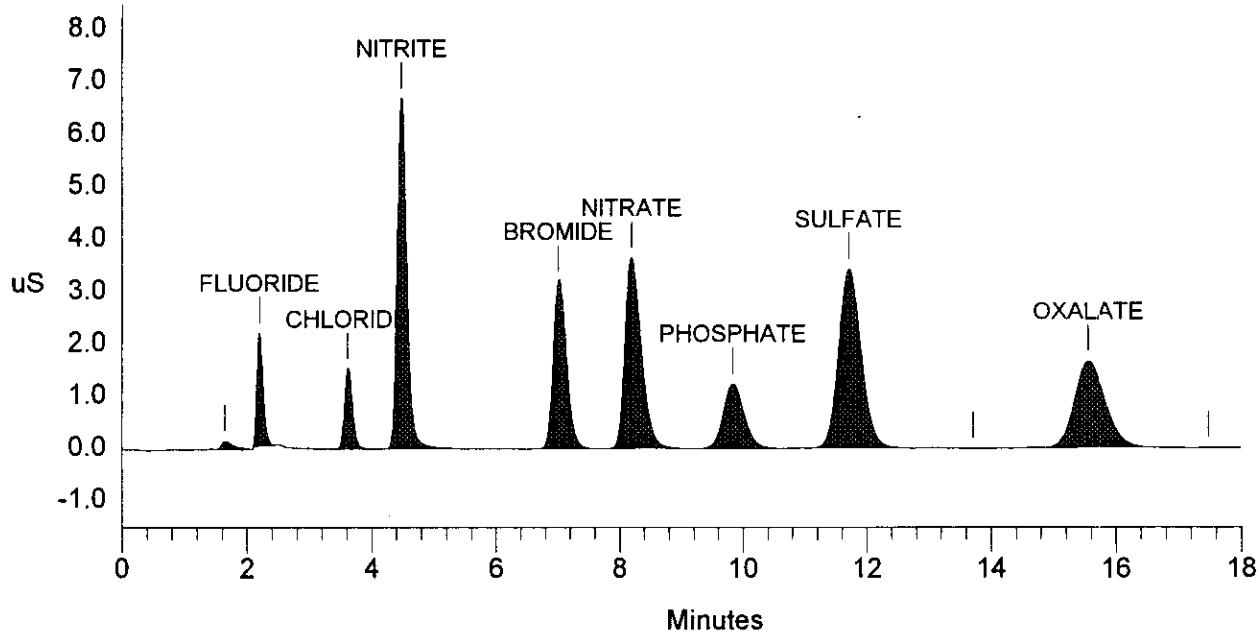
Sample Name: 133N9-A STD	Date: 03/19/1996 11:16:51
Data File : C:\DX\DATA\96031931.d03	WHC-SD-WM-DP-179, REV. /
Method : C:\DX\METHOD\AS12A.MET	
ACI Address: 1 System: 1 Inject#: 3	Detector:CDM-1
Analyst :	Column: AG4A-SC,AS4A-SC, SRS

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	5400	5Hz	0.00	18.00		50

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.65		0.000	157	1974	1	
2	2.20	FLUORIDE	59.675	2164	14793	1	0.76
3	3.62	CHLORIDE	81.807	1526	13245	1	-0.46
4	4.48	NITRITE	577.937	6682	69762	1	0.37
5	7.02	BROMIDE	605.983	3203	47093	1	2.43
6	8.20	NITRATE	651.934	3647	66285	1	4.46
7	9.83	PHOSPHATE	582.364	1236	28393	1	4.80
8	11.72	SULFATE	649.745	3421	85791	1	3.23
10	15.57	OXALATE	554.944	1662	56053	1	3.55
11	17.48		0.000	8	77	1	
		Totals	3764.389	23706	383465		

File: 96031931.d03 Sample: 133N9-A STD



Data Reprocessed On 04/01/1996 09:30:12

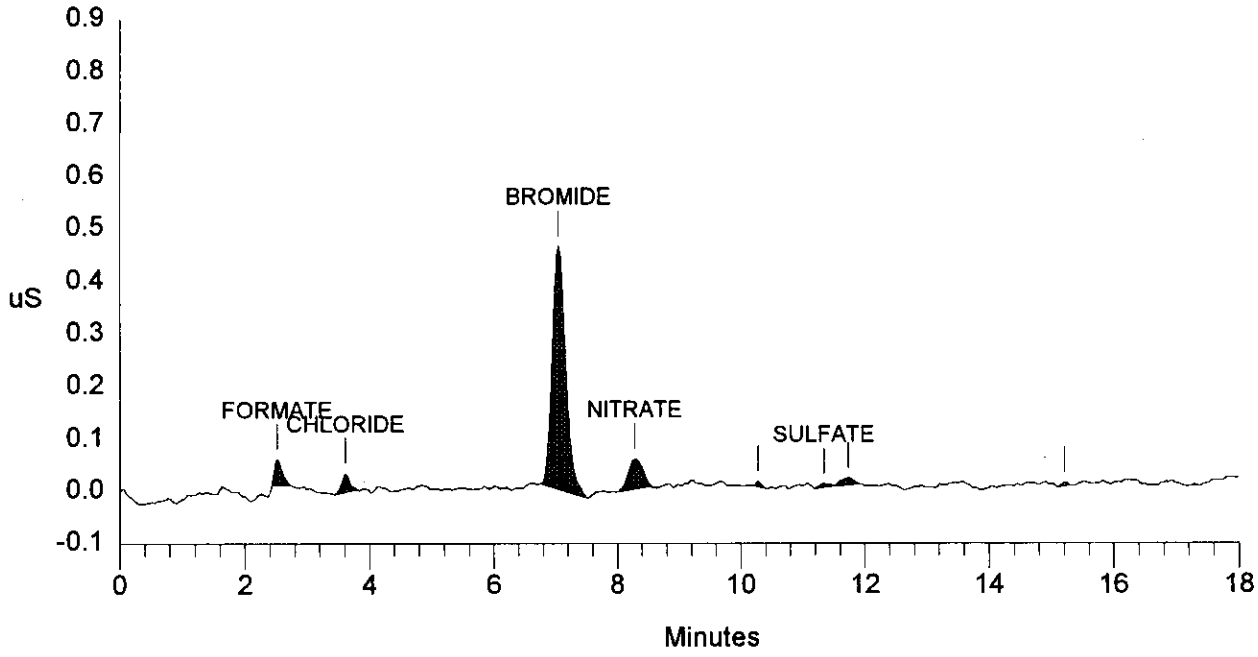
Sample Name: S96T000326 SAMPLE	Date: 03/19/1996 14:32:45
Data File : C:\DX\DATA\96031931.d04	WHC-SD-WM-DP-179, REV. /
Method : C:\DX\METHOD\AS12A.MET	
ACI Address: 1 System: 1 Inject#: 4	Detector:CDM-1
Analyst :	Column: AG4A-SC,AS4A-SC, SRS

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	10201	5400	5Hz	0.00	18.00		50

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	2.52	FORMATE	134120.674	49	424	1	-1.95
2	3.62	CHLORIDE	94.423	36	326	1	-0.46
3	7.05	BROMIDE	9853.333	462	6999	1	2.92
4	8.28	NITRATE	1018.344	58	942	1	5.52
5	10.28		0.000	10	59	1	
6	11.35	SULFATE	528.901	7	70	2	0.00
7	11.73		0.000	13	197	2	
		Totals	145615.675	634	9018		

File: 96031931.d04 Sample: S96T000326 SAMPLE



Data Reprocessed On 04/01/1996 09:30:14

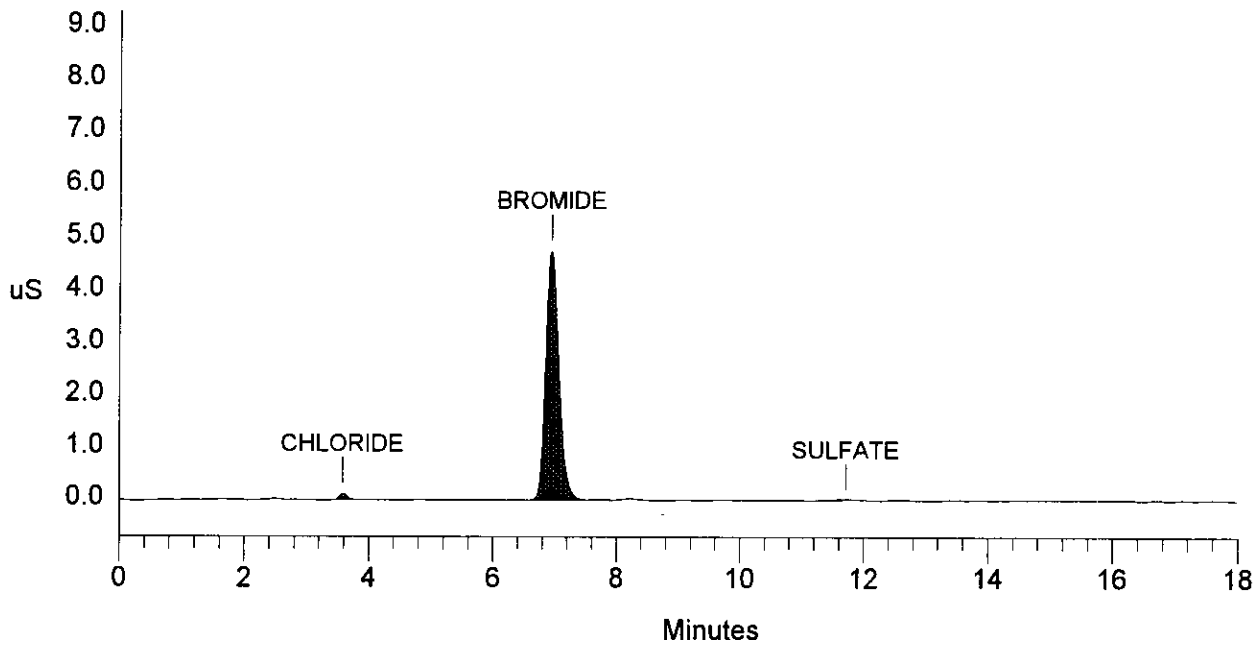
Sample Name: S96T000326 SAMPLE	Date: 03/19/1996 14:58:09
Data File : C:\DX\DATA\96031931.d05	WHC-SD-WM-DP-179, REV.
Method : C:\DX\METHOD\AS12A.MET	
ACI Address: 1 System: 1 Inject#: 5	Detector:CDM-1
Analyst : Column: AG4A-SC,AS4A-SC, SRS	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1111	5400	5Hz	0.00	18.00	50

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	3.58	CHLORIDE	55.791	119	973	1	-1.38
2	6.95	BROMIDE	9768.935	4754	70049	1	1.46
3	11.72	SULFATE	64.066	7	147	1	3.23
		Totals	9888.793	4880	71169		

File: 96031931.d05 Sample: S96T000326 SAMPLE



Data Reprocessed On 04/01/1996 09:30:16

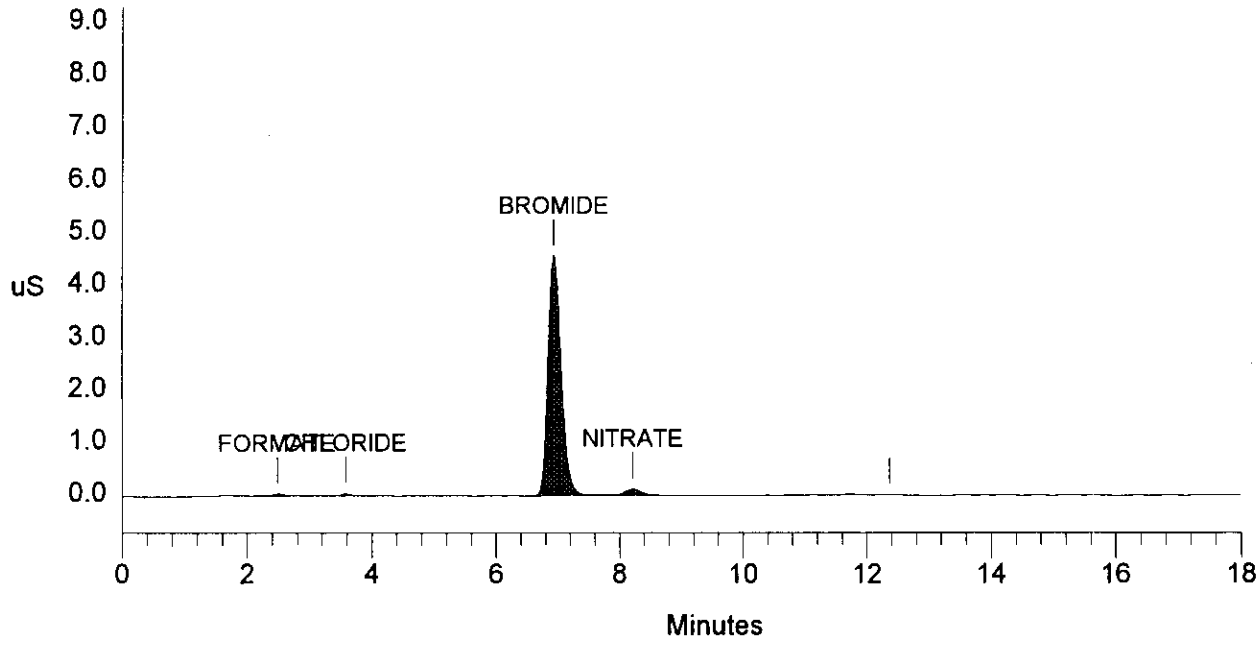
Sample Name: S96T000326 DUP	Date: 03/19/1996 15:21:39
Data File : C:\DX\DATA\96031931.d06	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\AS12A.MET	
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst :	Column: AG4A-SC,AS4A-SC, SRS

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1111	5400	5Hz	0.00	18.00	50

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	2.48	FORMATE	16485.176	27	257	1	-3.25
2	3.58	CHLORIDE	10.270	38	326	1	-1.38
3	6.93	BROMIDE	9347.857	4560	66903	1	1.22
4	8.22	NITRATE	217.557	113	1910	1	4.67
5	12.37		0.000	7	63	1	
		Totals	26060.860	4746	69458		

File: 96031931.d06 Sample: S96T000326 DUP



LABCORE Data Entry Template for Worklist# 6494

Analyst: KBQ **Instrument:** IC00 _____ **Book#** 133109-A

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 @IC-01. RCJ

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	SAMPLE	S96T001125	0		@IC-01	LIQUID	96000094	S102
		Analytes Requested:			BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
4	DUP	S96T001125	0		@IC-01	LIQUID		
5	SPK	S96T001125	0		@IC-01	LIQUID		

Final page for worklist # 6494

Analyst Signature **Date** 3/19/96

Analyst Signature **Date**

Exported
Installed
Uploaded N.D.S

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6494

Analyst: krq **Instrument:** IC01 **Book#** 133N97

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 @IC-01. RCJ

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		<1.40e-1		ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		5.76e+01	97.627	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		7.69e+01	97.342	% Recovery
2	CCV			0	@IC-QC	NO2	QC	537		5.27e+02	98.138	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		5.48e+02	95.304	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		6.01e+02	97.883	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.19e+02	95.055	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		6.06e+02	96.038	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	509		5.11e+02	100.393	% Recovery
3	SAMPLE	S96T001125		0	@IC-01	F-02	LIQUID	N/A		6.138e+02	53.830	ug/mL
3	REJECT	S96T001125		0	@IC-01	F-02	LIQUID	N/A		6.138e+02		ug/mL
3	SAMPLE	S96T001125		0	@IC-01	CL-02	LIQUID	N/A		1.317e+04	70.400	ug/mL
3	REJECT	S96T001125		0	@IC-01	CL-02	LIQUID	N/A		1.317e+04		ug/mL
3	SAMPLE	S96T001125		0	@IC-01	NO2-02	LIQUID	N/A		1.456e+05	443.100	ug/mL
3	REJECT	S96T001125		0	@IC-01	NO2-02	LIQUID	N/A		1.456e+05		ug/mL
3	SAMPLE	S96T001125		0	@IC-01	BR-02	LIQUID	N/A	<	5.218e+02	521.800	ug/mL
3	REJECT	S96T001125		0	@IC-01	BR-02	LIQUID	N/A	<	5.218e+02		ug/mL
3	SAMPLE	S96T001125		0	@IC-01	NO3-02	LIQUID	N/A		1.429e+05	579.700	ug/mL
3	REJECT	S96T001125		0	@IC-01	NO3-02	LIQUID	N/A		1.429e+05		ug/mL
3	SAMPLE	S96T001125		0	@IC-01	PO4-02	LIQUID	N/A		4.293e+03	492.400	ug/mL
3	REJECT	S96T001125		0	@IC-01	PO4-02	LIQUID	N/A		4.293e+03		ug/mL
3	SAMPLE	S96T001125		0	@IC-01	SO4-02	LIQUID	N/A		2.626e+03	562.800	ug/mL
3	REJECT	S96T001125		0	@IC-01	SO4-02	LIQUID	N/A		2.626e+03		ug/mL
3	SAMPLE	S96T001125		0	@IC-01	OXALATE2	LIQUID	N/A	<	4.348e+02	434.800	ug/mL
3	REJECT	S96T001125		0	@IC-01	OXALATE2	LIQUID	N/A	<	4.348e+02		ug/mL
4	DUP	S96T001125		0	@IC-01	F-02	LIQUID	6.14e+02		6.17e+02	0.487	RPD
4	DUP	S96T001125		0	@IC-01	CL-02	LIQUID	1.32e+04		1.28e+04	3.077	RPD
4	DUP	S96T001125		0	@IC-01	NO2-02	LIQUID	1.46e+05		1.48e+05	1.361	RPD
4	DUP	S96T001125		0	@IC-01	BR-02	LIQUID	<5.22e2		<5.22e2		RPD
4	DUP	S96T001125		0	@IC-01	NO3-02	LIQUID	1.43e+05		1.42e+05	0.702	RPD
4	DUP	S96T001125		0	@IC-01	PO4-02	LIQUID	4.29e+03		4.27e+03	0.467	RPD
4	DUP	S96T001125		0	@IC-01	SO4-02	LIQUID	2.63e+03		2.67e+03	1.509	RPD
4	DUP	S96T001125		0	@IC-01	OXALATE2	LIQUID	<4.35e2		<4.35e2		RPD
5	SPK	S96T001125		0	@IC-01	F-02	LIQUID	59		3.75e+01	63.559	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

WHC-SD-WM-DP-179, REV. 1

LABCORE Completed Worklist Report for Worklist# 6494

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
5	SPK	S96T001125		0	@IC-01	CL-02	LIQUID	79	7.43e+01	94.051	% Recovery
5	SPK	S96T001125		0	@IC-01	NO2-02	LIQUID	537	5.16e+02	96.089	% Recovery
5	SPK	S96T001125		0	@IC-01	BR-02	LIQUID	575	5.57e+02	96.870	% Recovery
5	SPK	S96T001125		0	@IC-01	NO3-02	LIQUID	614	5.91e+02	96.254	% Recovery
5	SPK	S96T001125		0	@IC-01	PO4-02	LIQUID	546	4.91e+02	89.927	% Recovery
5	SPK	S96T001125		0	@IC-01	SO4-02	LIQUID	631	6.03e+02	95.563	% Recovery
5	SPK	S96T001125		0	@IC-01	OXALATE2	LIQUID	509	5.21e+02	102.358	% Recovery

Final page for worklist# 6494

Analyst Signature **Date**

Analyst Signature **Date**

Jerry M. Fuge 4/18/96
Reviewer Signature **Date**

Units shown for QC (BLK/BKG) may not reflect the actual units.

A-0010-IC DATA FILE/WORKLIST RESOLUTION 28-Mar-96

Worklist#: 6494

	Seq	Type	Sample #
=>	1	CCB	
=>	2	CCV	
=>	3	SAMPLE	S96T001125
=>	4	DUP	S96T001125
=>	5	SPK	S96T001125

Data File: 6494MAR.CSV

Seq#	Data File	Sample Name	Dilution
1	96031941.d01	CCB	1.00
2	96031941.d02	CCV 133N9-A	101.00
3	96031941.d03	S96T001125 SAMPL	4141.00
4	96031941.d04	S96T001125 DUP	4141.00
5	96031941.d05	S96T001125 SPIKE	4141.00

Save(F4) Abort(Shift-F3) ListFiles(Shift-F1) UploadFile(F8)

Data Reprocessed On 03/21/1996 15:38:55

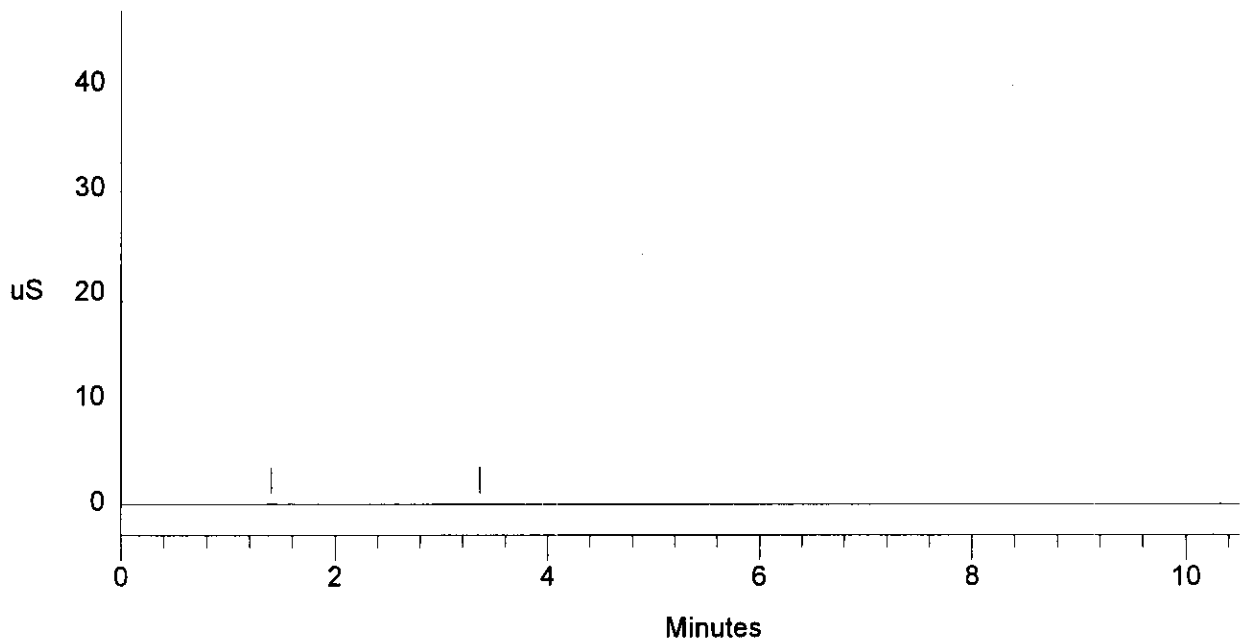
Sample Name: CCB	Date: 03/19/1996 07:03:58
Data File : C:\DX\DATA\96031941.d01	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 1	Detector: CDM-1
Analyst : N. Smith 3/28/96	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	3.36		0.000	41	264	1	
		Totals	0.000	41	264		

File: 96031941.d01 Sample: CCB



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 425 TO 429.

Data Reprocessed On 03/21/1996 15:38:57

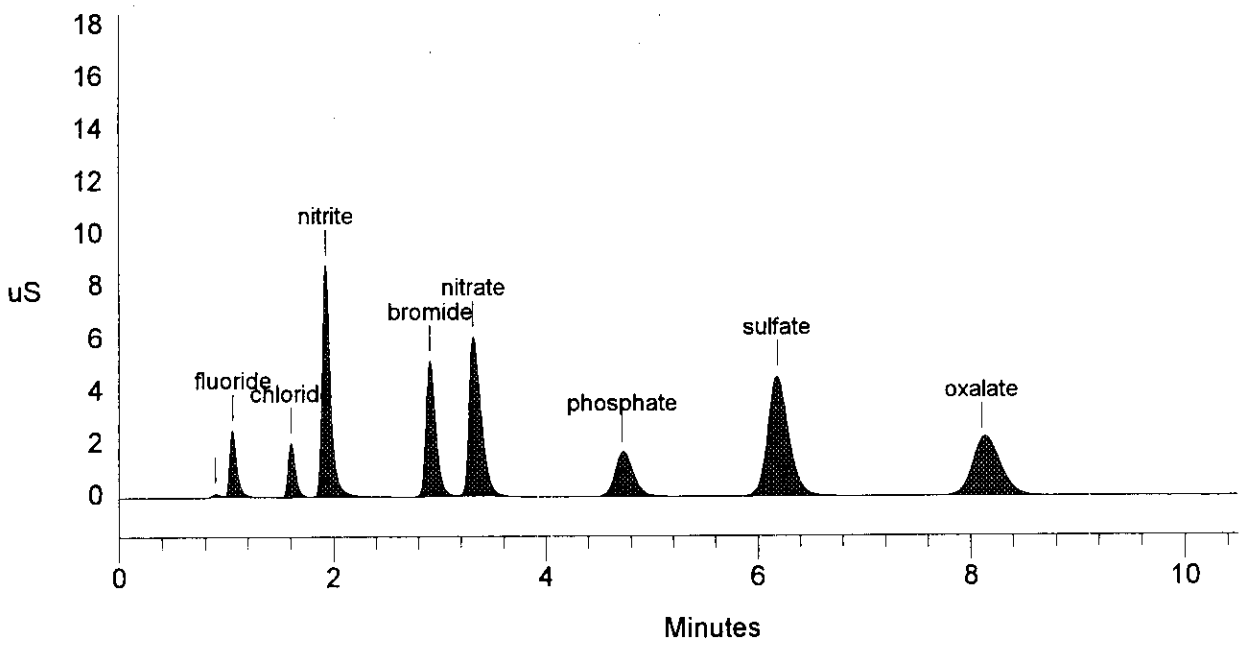
Sample Name: CCV 133N9-A	Date: 03/19/1996 07:17:37
Data File : C:\DX\DATA\96031941.d02	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 2	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	84	355	2	
2	1.06	fluoride	57.649	2529	11232	2	0.95
3	1.61	chloride	76.856	2037	9550	1	0.42
4	1.93	nitrite	526.598	8818	47490	1	-0.34
5	2.91	bromide	548.023	5140	32641	1	3.32
6	3.31	nitrate	601.201	6045	46991	1	5.52
7	4.72	phosphate	519.183	1680	20654	1	1.14
8	6.19	sulfate	605.779	4561	62284	1	1.75
9	8.11	oxalate	511.201	2162	41253	1	2.01
		Totals	3446.492	33056	272449		

File: 96031941.d02 Sample: CCV 133N9-A



Data Reprocessed On 03/21/1996 15:38:59

Sample Name: S96T001125 SAMPLE Date: 03/19/1996 07:37:28
Data File : C:\DX\DATA\96031941.d03
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 3 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

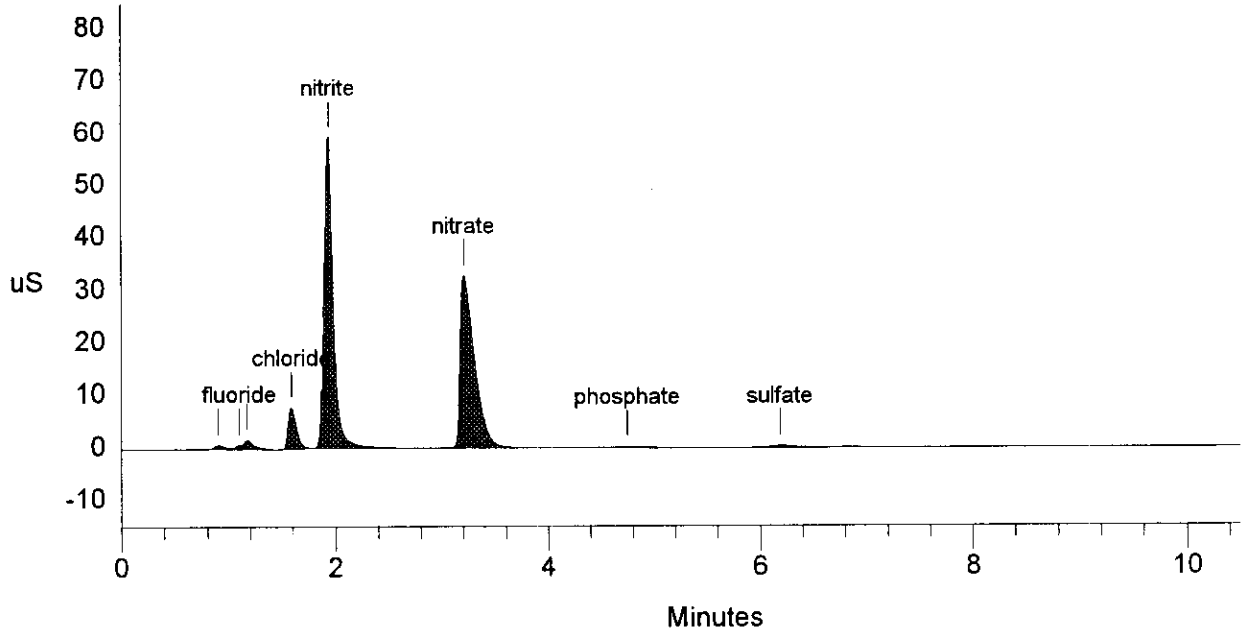
WHC-SD-WM-DP-179, REV.

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	4141	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	680	4099	2	
2	1.10	fluoride	613.786	823	2695	2	4.76
3	1.17		0.000	1781	11500	2	
4	1.59	chloride	13167.727	7845	42101	1	-0.83
5	1.94	nitrite	145606.809	59333	352345	1	0.00
6	3.21	nitrate	142920.405	32717	306230	1	2.12
7	4.75	phosphate	4293.272	234	2894	1	1.71
8	6.19	sulfate	2625.555	306	4334	1	1.75
		Totals	309227.554	103720	726198		

File: 96031941.d03 Sample: S96T001125 SAMPLE



Data Reprocessed On 03/21/1996 15:39:01

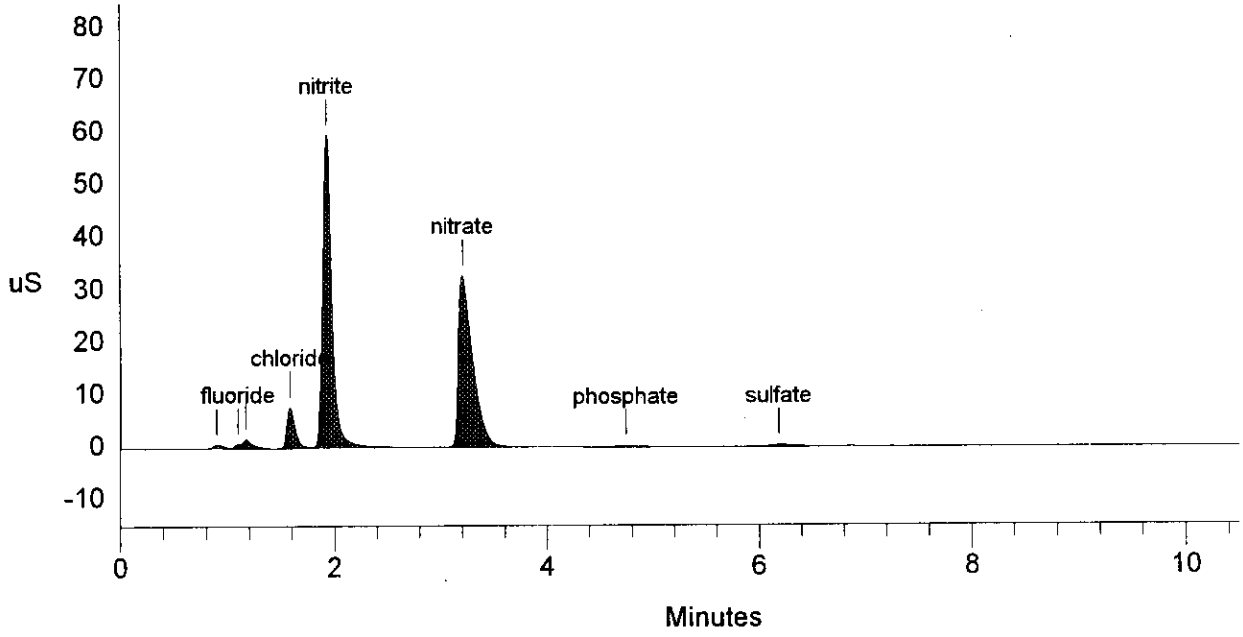
Sample Name: S96T001125 DUP	Date: 03/19/1996 07:50:16
Data File : C:\DX\DATA\96031941.d04	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. I
ACI Address: 1 System: 1 Inject#: 4	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	4141	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	660	3875	2	
2	1.10	fluoride	617.068	805	2711	2	4.76
3	1.17		0.000	1771	11330	2	
4	1.59	chloride	12819.009	7799	40915	1	-0.83
5	1.93	nitrite	148204.879	59405	359136	1	-0.34
6	3.21	nitrate	141775.076	32788	303526	1	2.12
7	4.75	phosphate	4267.835	235	2867	1	1.71
8	6.19	sulfate	2672.127	310	4454	1	1.75
		Totals	310355.994	103773	728814		

File: 96031941.d04 Sample: S96T001125 DUP



Data Reprocessed On 03/21/1996 15:39:03

Sample Name: S96T001125 SPIKE Date: 03/19/1996 08:02:20
Data File : C:\DX\DATA\96031941.d05
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 5 Detector: CDM-1
Analyst : Column: AG4A/AS4A anion column

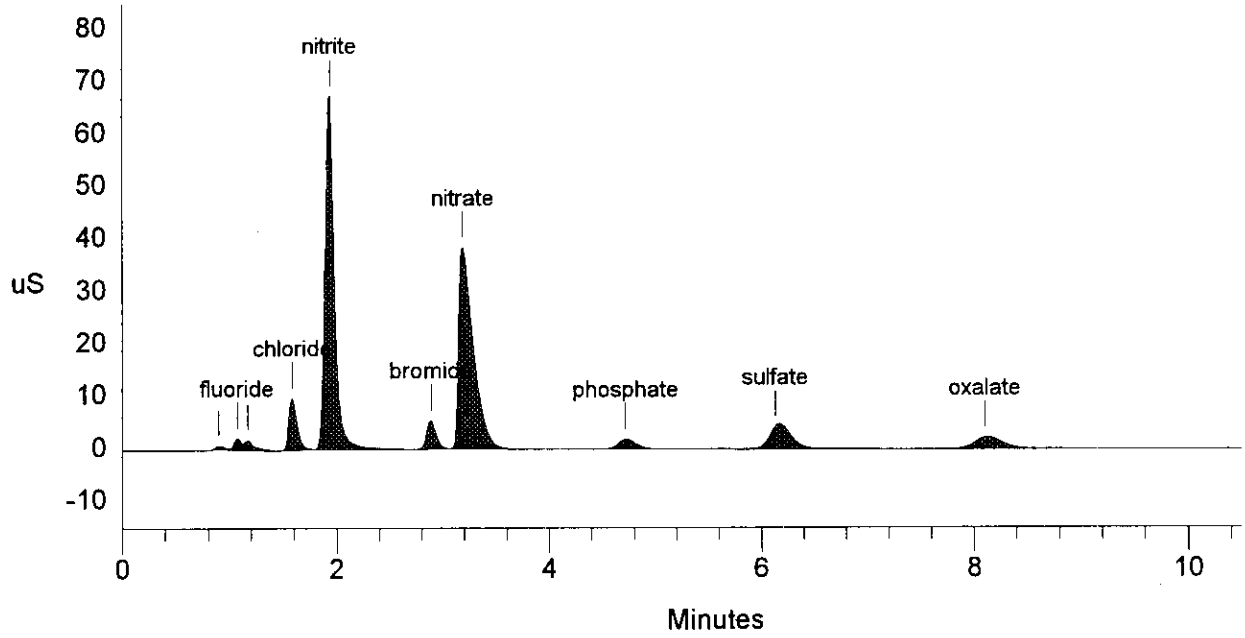
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	4141	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	706	3932	2	
2	1.07	fluoride	2113.340	2180	10000	2	2.22
3	1.17		0.000	1885	11929	2	
4	1.59	chloride	16140.197	9822	52382	1	-0.83
5	1.94	nitrite	166247.399	67362	406825	1	0.00
6	2.89	bromide	22280.336	5379	32349	1	2.61
7	3.19	nitrate	166584.933	38269	363127	1	1.49
8	4.72	phosphate	23922.956	1912	23432	1	1.14
9	6.13	sulfate	26764.701	4249	67393	1	0.88
10	8.11	oxalate	20866.784	2190	41067	1	2.01
		Totals	444920.645	133955	1012435		

File: 96031941.d05 Sample: S96T001125 SPIKE



LABCORE Data Entry Template for Worklist# 6787

Analyst: EAL **Instrument:** IC00 ICU1 **Book#** 133N9C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC. nds

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000881	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000881	0	W	@IC-01	SOLID		
6	SAMPLE	S96T000885	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
7	DUP	S96T000885	0	W	@IC-01	SOLID		

Final page for worklist # 6787

Rol Smith for EAL 3/29/96

Analyst Signature **Date**

Analyst Signature **Date**

In Shell
Uploaded 3/29/96 N. Smith

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6787

Analyst: eal **Instrument:** IC01 **Book#** 133W9C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC. nds

Seq	Type	Sample#	R	A	Test	Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC NO3	QC	1		<1.40e-1		ug/mL
1	CCB			0	@IC-QC PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC F	QC	59		6.11e+01	103.559	% Recovery
2	CCV			0	@IC-QC CL	QC	79		7.67e+01	97.089	% Recovery
2	CCV			0	@IC-QC NO2	QC	534		5.48e+02	102.622	% Recovery
2	CCV			0	@IC-QC BR	QC	575		5.74e+02	99.826	% Recovery
2	CCV			0	@IC-QC NO3	QC	614		6.21e+02	101.140	% Recovery
2	CCV			0	@IC-QC PO4	QC	546		5.44e+02	99.634	% Recovery
2	CCV			0	@IC-QC SO4	QC	631		6.35e+02	100.634	% Recovery
2	CCV			0	@IC-QC OXALATE2	QC	504		5.26e+02	104.365	% Recovery
3	BLNK-PREP			0	@IC-01 F-02	SOLID	1		<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01 CL-02	SOLID	1		<1.70e-2		ug/g
3	BLNK-PREP			0	@IC-01 NO2-02	SOLID	1		<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01 BR-02	SOLID	1		<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01 NO3-02	SOLID	1		<1.40e-1		ug/g
3	BLNK-PREP			0	@IC-01 PO4-02	SOLID	1		<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01 SO4-02	SOLID	1		<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01 OXALATE2	SOLID	1		<1.05e-1		ug/g
4	SAMPLE	S96T000881		0 W	@IC-01 F-02	SOLID	N/A	<	2.760e+02	275.900	ug/g
4	REJECT	S96T000881		0 W	@IC-01 F-02	SOLID	N/A	<	2.760e+02		ug/g
4	SAMPLE	S96T000881		0 W	@IC-01 CL-02	SOLID	N/A		1.939e+03	360.900	ug/g
4	REJECT	S96T000881		0 W	@IC-01 CL-02	SOLID	N/A		1.939e+03		ug/g
4	SAMPLE	S96T000881		0 W	@IC-01 NO2-02	SOLID	N/A		2.236e+04	2271.000	ug/g
4	REJECT	S96T000881		0 W	@IC-01 NO2-02	SOLID	N/A		2.236e+04		ug/g
4	SAMPLE	S96T000881		0 W	@IC-01 BR-02	SOLID	N/A	<	2.675e+03	2674.000	ug/g
4	REJECT	S96T000881		0 W	@IC-01 BR-02	SOLID	N/A	<	2.675e+03		ug/g
4	SAMPLE	S96T000881		0 W	@IC-01 NO3-02	SOLID	N/A		4.888e+05	2969.000	ug/g
4	REJECT	S96T000881		0 W	@IC-01 NO3-02	SOLID	N/A		4.888e+05		ug/g
4	SAMPLE	S96T000881		0 W	@IC-01 PO4-02	SOLID	N/A		1.875e+04	2524.000	ug/g
4	REJECT	S96T000881		0 W	@IC-01 PO4-02	SOLID	N/A		1.875e+04		ug/g
4	SAMPLE	S96T000881		0 W	@IC-01 SO4-02	SOLID	N/A		1.031e+04	2885.000	ug/g
4	REJECT	S96T000881		0 W	@IC-01 SO4-02	SOLID	N/A		1.031e+04		ug/g
4	SAMPLE	S96T000881		0 W	@IC-01 OXALATE2	SOLID	N/A		3.199e+03	2229.000	ug/g
4	REJECT	S96T000881		0 W	@IC-01 OXALATE2	SOLID	N/A		3.199e+03		ug/g
5	DUP	S96T000881		0 W	@IC-01 F-02	SOLID	<2.76e2		<2.69e2		RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6787

Seq	Type	Sample#	R	A		Test		Matrix	Actual		Found	DL or Yield	Unit
5	DUP	S96T000881	0	W	@IC-01	CL-02		SOLID	1.94e+03		1.98e+03	2.041	RPD
5	DUP	S96T000881	0	W	@IC-01	NO2-02		SOLID	2.24e+04		2.29e+04	2.208	RPD
5	DUP	S96T000881	0	W	@IC-01	BR-02		SOLID	<2.68e3		<2.61e3		RPD
5	DUP	S96T000881	0	W	@IC-01	NO3-02		SOLID	4.89e+05		5.53e+05	12.284	RPD
5	DUP	S96T000881	0	W	@IC-01	PO4-02		SOLID	1.88e+04		1.74e+04	7.735	RPD
5	DUP	S96T000881	0	W	@IC-01	SO4-02		SOLID	1.03e+04		1.00e+04	2.956	RPD
5	DUP	S96T000881	0	W	@IC-01	OXALATE2		SOLID	3.20e+03		3.12e+03	2.532	RPD
6	SAMPLE	S96T000885	0	W	@IC-01	F-02		SOLID	N/A	<	2.548e+02	254.700	ug/g
6	REJECT	S96T000885	0	W	@IC-01	F-02		SOLID	N/A	<	2.548e+02		ug/g
6	SAMPLE	S96T000885	0	W	@IC-01	CL-02		SOLID	N/A		1.665e+03	333.100	ug/g
6	REJECT	S96T000885	0	W	@IC-01	CL-02		SOLID	N/A		1.665e+03		ug/g
6	SAMPLE	S96T000885	0	W	@IC-01	NO2-02		SOLID	N/A		2.022e+04	2097.000	ug/g
6	REJECT	S96T000885	0	W	@IC-01	NO2-02		SOLID	N/A		2.022e+04		ug/g
6	SAMPLE	S96T000885	0	W	@IC-01	BR-02		SOLID	N/A	<	2.469e+03	2469.000	ug/g
6	REJECT	S96T000885	0	W	@IC-01	BR-02		SOLID	N/A	<	2.469e+03		ug/g
6	SAMPLE	S96T000885	0	W	@IC-01	NO3-02		SOLID	N/A		6.441e+05	2741.000	ug/g
6	REJECT	S96T000885	0	W	@IC-01	NO3-02		SOLID	N/A		6.441e+05		ug/g
6	SAMPLE	S96T000885	0	W	@IC-01	PO4-02		SOLID	N/A		1.516e+04	2330.000	ug/g
6	REJECT	S96T000885	0	W	@IC-01	PO4-02		SOLID	N/A		1.516e+04		ug/g
6	SAMPLE	S96T000885	0	W	@IC-01	SO4-02		SOLID	N/A		6.393e+03	2663.000	ug/g
6	REJECT	S96T000885	0	W	@IC-01	SO4-02		SOLID	N/A		6.393e+03		ug/g
6	SAMPLE	S96T000885	0	W	@IC-01	OXALATE2		SOLID	N/A		2.239e+03	2057.000	ug/g
6	REJECT	S96T000885	0	W	@IC-01	OXALATE2		SOLID	N/A		2.239e+03		ug/g
7	DUP	S96T000885	0	W	@IC-01	F-02		SOLID	<2.55e2		<2.90e2		RPD
7	DUP	S96T000885	0	W	@IC-01	CL-02		SOLID	1.66e+03		2.21e+03	28.424	RPD
7	DUP	S96T000885	0	W	@IC-01	NO2-02		SOLID	2.02e+04		2.04e+04	0.985	RPD
7	DUP	S96T000885	0	W	@IC-01	BR-02		SOLID	<2.47e3		<2.81e3		RPD
7	DUP	S96T000885	0	W	@IC-01	NO3-02		SOLID	6.44e+05		6.35e+05	1.407	RPD
7	DUP	S96T000885	0	W	@IC-01	PO4-02		SOLID	1.52e+04		1.56e+04	2.597	RPD
7	DUP	S96T000885	0	W	@IC-01	SO4-02		SOLID	6.39e+03		7.02e+03	9.396	RPD
7	DUP	S96T000885	0	W	@IC-01	OXALATE2		SOLID	2.24e+03		<2.34e3		RPD

Final page for worklist# 6787

Analyst Signature Date

Analyst Signature Date

Reviewer Signature Date 4/19/96

Units shown for QC (BLK/BKG) may not reflect the actual units.

A-0010-IC DATA FILE/WORKLIST RESOLUTION 29-Mar-96

Worklist#: 6787

	Seq	Type	Sample #
=>	1	CCB	
=>	2	CCV	
=>	3	BLNK-PREP	
=>	4	SAMPLE	S96T000881
=>	5	DUP	S96T000881
=>	6	SAMPLE	S96T000885
=>	7	DUP	S96T000885

Data File: 6787MAR.CSV

Seq#	Data File	Sample Name	Dilution
1	96032131.d01	INST. BLANK	1.00
2	96032141.d03	STD 133N9-C	101.00
3	96032141.d04	PREP-BLANK	1.00
4	96032141.d05	S96T000881	101.00
5	96032141.d06	S96T000881 DUP.	101.00
6	96032411.d07	S96T000885 SAMPL	101.00
7	96032411.d08	S96T000885 DUP.	101.00

Save(F4) Abort(Shift-F3) ListFiles(Shift-F1) UploadFile(F8)

WHC-SD-WM-DP-179, REV.

Data Reprocessed On 03/26/1996 16:33:13

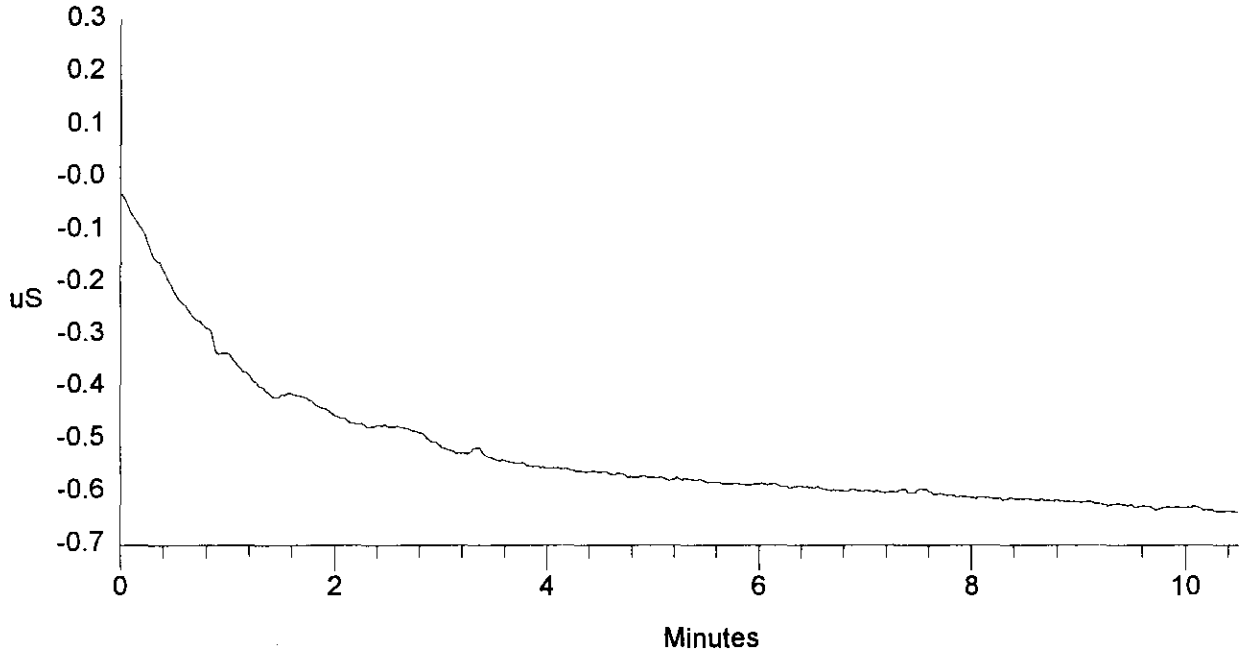
Sample Name: INST. BLANK Date: 03/24/1996 08:17:38
Data File : C:\DX\DATA\96032131.d01
Method : C:\DX\METHOD\KIT.MET WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 1 Detector:CDM-1
Analyst : N. Smith 3/26/96 Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
		Totals	0.000	0	0		

File: 96032131.d01 Sample: INST. BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 434 TO 440.

Data Reprocessed On 03/26/1996 16:33:16

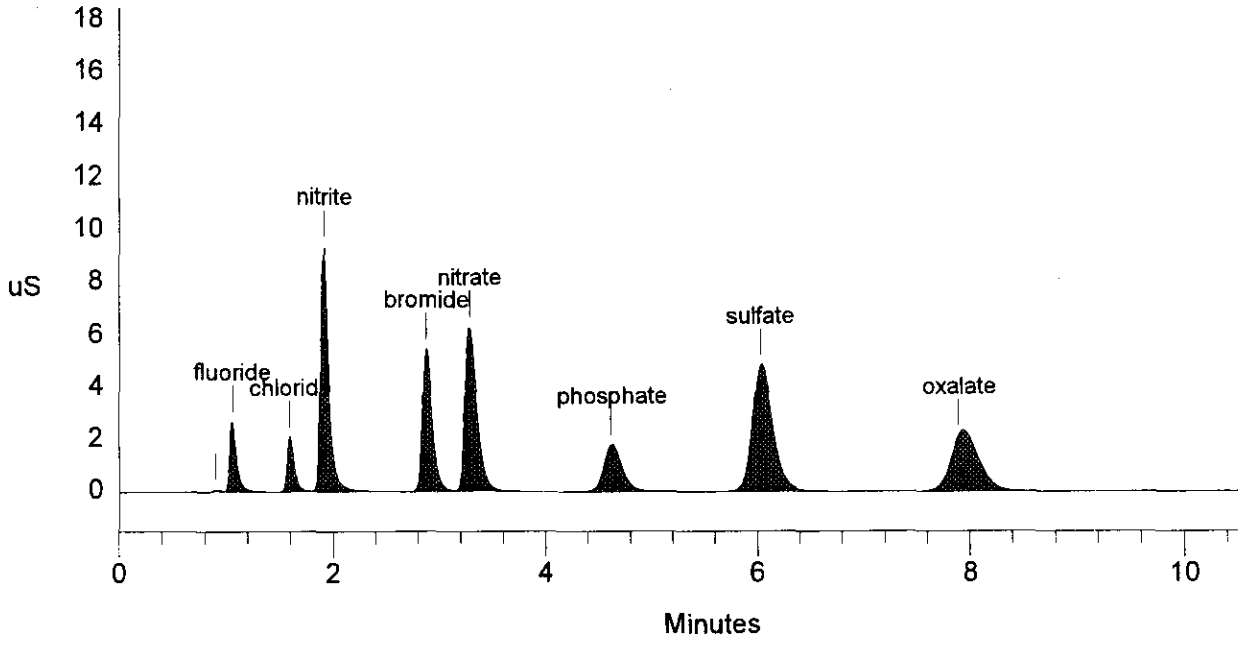
Sample Name: STD 133N9-C	Date: 03/24/1996 09:44:55
Data File : C:\DX\DATA\96032141.d03	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 3	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	60	273	2	
2	1.05	fluoride	61.150	2649	11940	2	0.32
3	1.59	chloride	76.731	2074	9534	1	-0.42
4	1.91	nitrite	547.654	9334	49496	1	-1.37
5	2.87	bromide	573.611	5436	34262	1	2.13
6	3.28	nitrate	621.145	6248	48663	1	4.46
7	4.61	phosphate	543.708	1772	21713	1	-1.14
8	6.03	sulfate	635.014	4827	65459	1	-0.88
9	7.89	oxalate	526.208	2134	42490	1	-0.67
		Totals	3585.222	34535	283830		

File: 96032141.d03 Sample: STD 133N9-C



Data Reprocessed On 03/26/1996 16:33:19

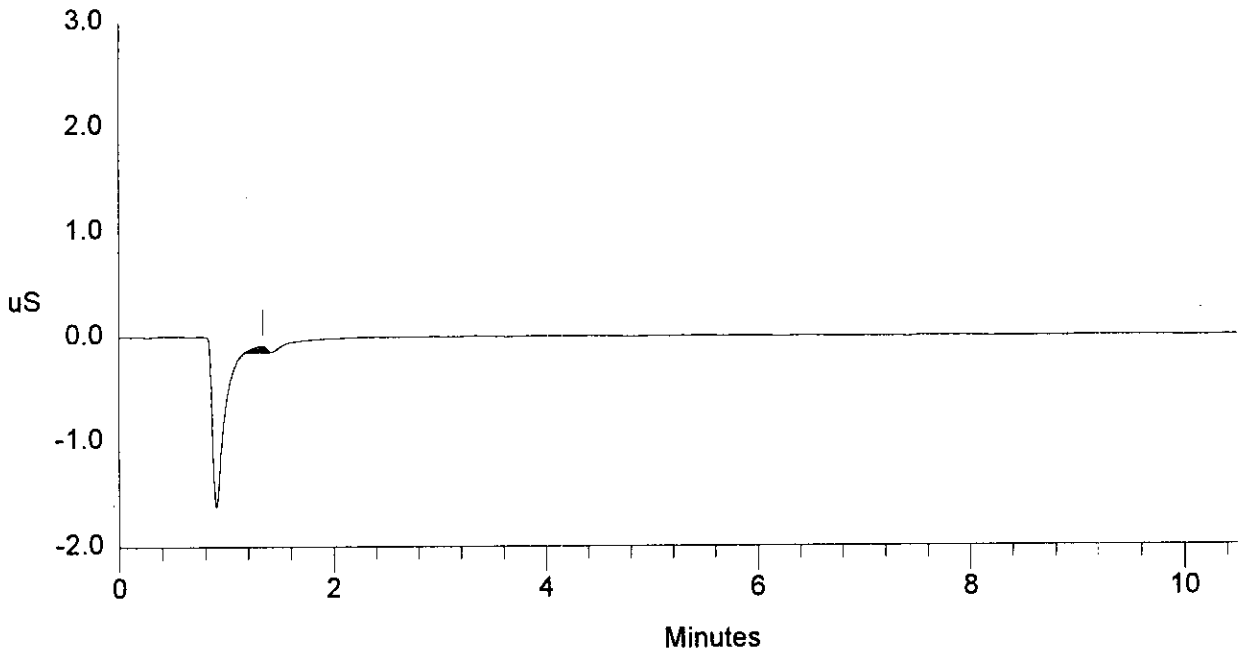
Sample Name: PREP-BLANK	Date: 03/24/1996 10:01:05
Data File : C:\DX\DATA\96032141.d04	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 4	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.34		0.000	62	559	1	
		Totals	0.000	62	559		

File: 96032141.d04 Sample: PREP-BLANK



Data Reprocessed On 03/26/1996 16:33:22

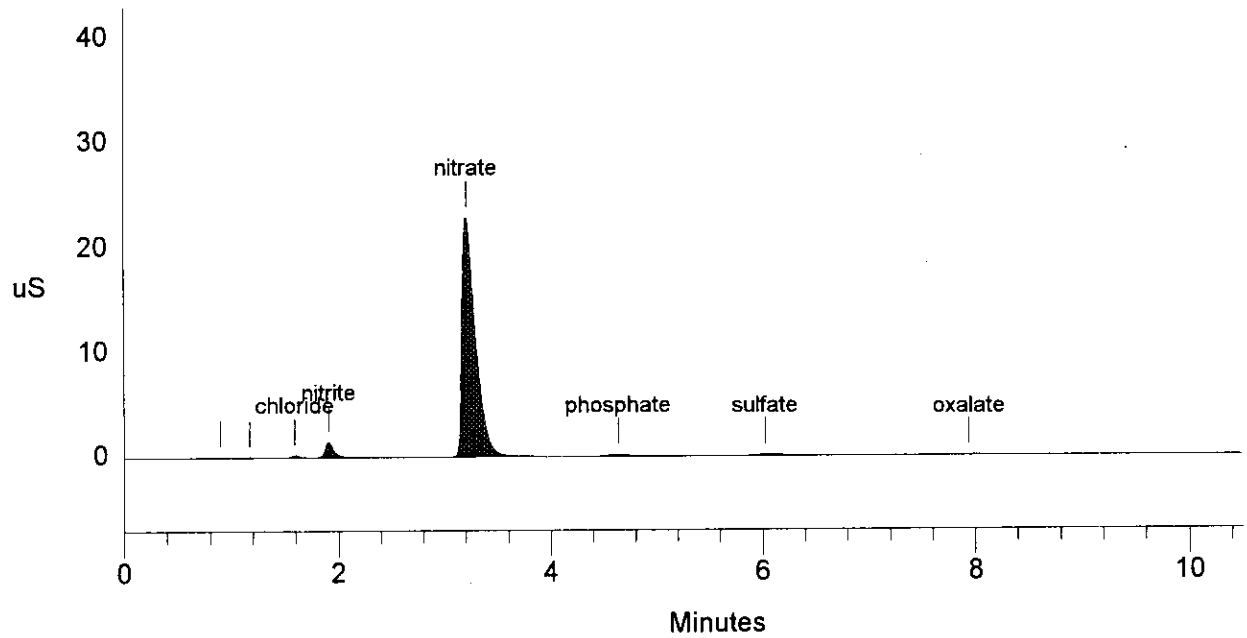
Sample Name: S96T000881	Date: 03/24/1996 10:14:16
Data File : C:\DX\DATA\96032141.d05	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 5	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	101	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	50	264	1	
3	1.59	chloride	9.224	230	1033	1	-0.42
4	1.91	nitrite	106.373	1461	7755	1	-1.37
5	3.21	nitrate	2325.904	22923	197413	1	2.12
6	4.64	phosphate	89.195	194	2233	1	-0.57
7	6.03	sulfate	49.060	160	2755	1	-0.88
8	7.95	oxalate	15.220	38	689	1	0.00
		Totals	2594.976	25058	212142		

File: 96032141.d05 Sample: S96T000881



Data Reprocessed On 03/26/1996 16:33:25

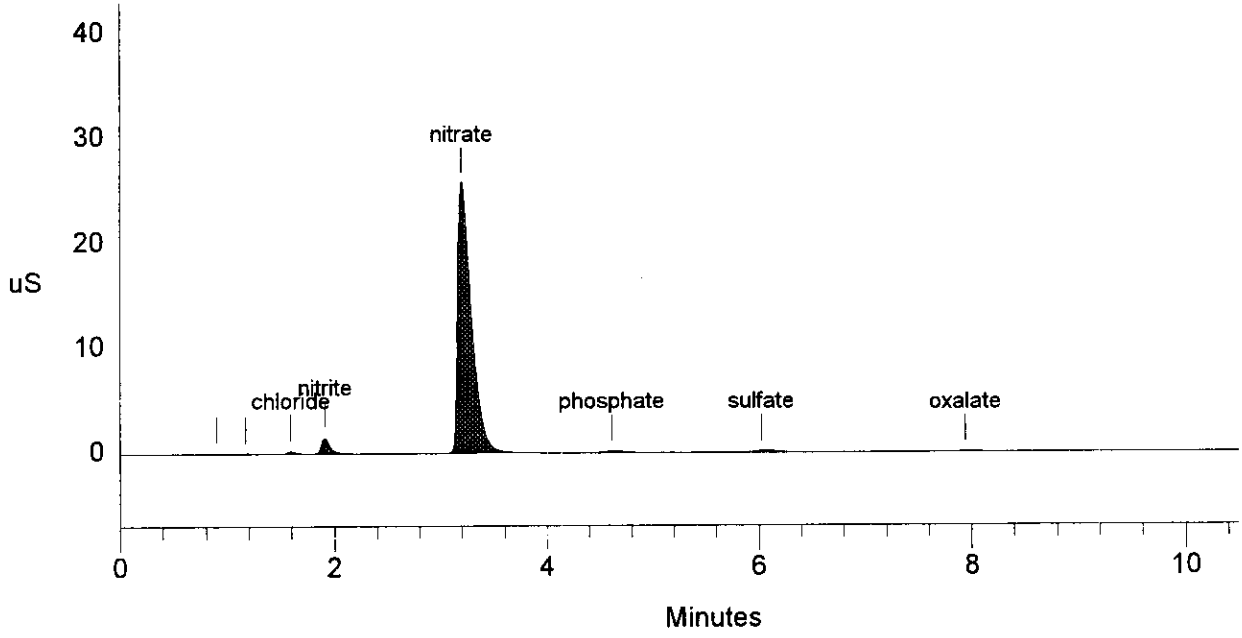
Sample Name: S96T000881 DUP.	Date: 03/24/1996 10:55:00
Data File : C:\DX\DATA\96032141.d06	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	60	317	1	
3	1.59	chloride	9.671	245	1089	1	-0.42
4	1.91	nitrite	111.429	1523	8229	1	-1.37
5	3.20	nitrate	2694.041	25726	231209	1	1.91
6	4.61	phosphate	84.958	162	2053	1	-1.14
7	6.03	sulfate	48.813	165	2729	1	-0.88
8	7.95	oxalate	15.225	40	689	1	0.00
		Totals	2964.137	27923	246315		

File: 96032141.d06 Sample: S96T000881 DUP.



Data Reprocessed On 03/26/1996 16:33:28

Sample Name: S96T000885 SAMPLE Date: 03/24/1996 12:52:48
Data File : C:\DX\DATA\96032411.d07
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 7 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

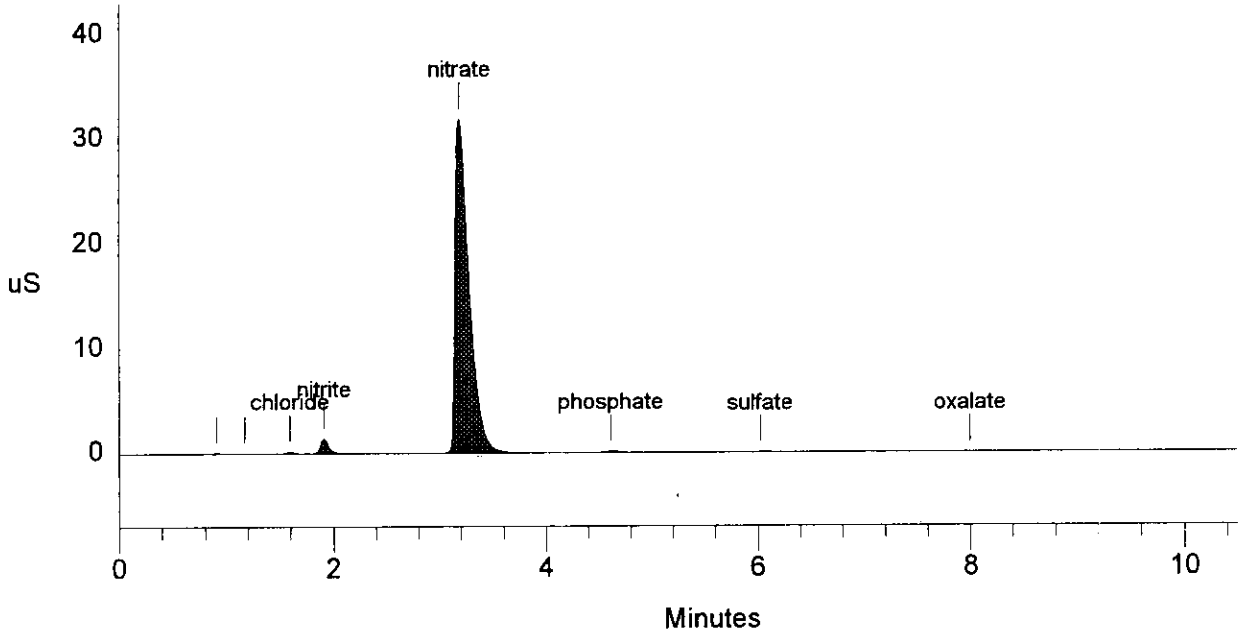
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	76	413	1	
3	1.59	chloride	8.582	215	953	1	-0.42
4	1.91	nitrite	104.195	1431	7550	1	-1.37
5	3.19	nitrate	3319.880	31958	290226	1	1.49
6	4.61	phosphate	78.128	140	1763	1	-1.14
7	6.03	sulfate	32.952	68	1058	1	-0.88
8	8.00	oxalate	11.541	24	390	1	0.67
		Totals	3555.278	33911	302354		

File: 96032411.d07 Sample: S96T000885 SAMPLE



Data Reprocessed On 03/26/1996 16:33:31

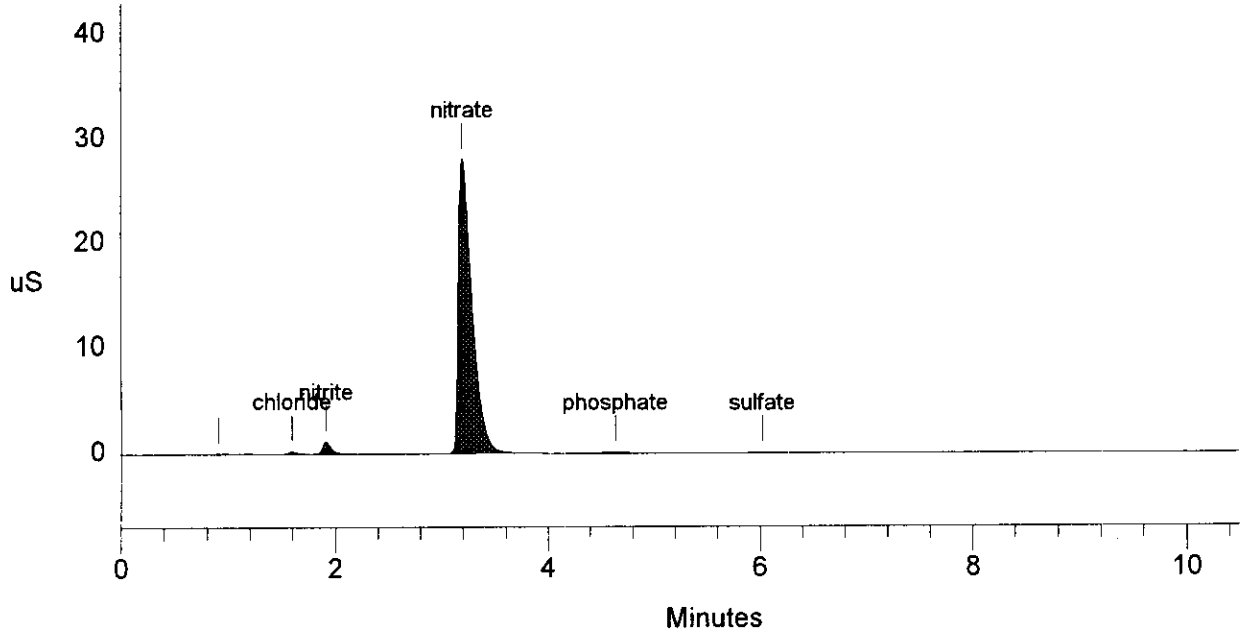
Sample Name: S96T000885 DUP.	Date: 03/24/1996 13:24:12
Data File : C:\DX\DATA\96032411.d08	WHC-SD-WM-DP-179, REV. /
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 8	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	59	310	1	
2	1.59	chloride	10.038	250	1135	1	-0.42
3	1.91	nitrite	92.469	1183	6450	1	-1.37
4	3.19	nitrate	2879.586	28084	248494	1	1.70
5	4.64	phosphate	70.843	120	1453	1	-0.57
6	6.03	sulfate	31.819	62	939	1	-0.88
		Totals	3084.755	29759	258780		

File: 96032411.d08 Sample: S96T000885 DUP.



03/20/96 13:14
A-0004-1

96032521.D14->D25

LABCORE Data Entry Template for Worklist# 6789

Analyst: JLF **Instrument:** IC00 _____ **Book#** 133N9C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC RTS!

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
	Blank-Prep							
3	SAMPLE	S96T000886	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02, CL-02, F-02, NO2-02, NO3-02, OXALATE2, PO4-02, SO4-02			
4	DUP	S96T000886	0	W	@IC-01	SOLID		
5	SPK	S96T000886	0	W	@IC-01	SOLID		
6	SAMPLE	S96T000887	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02, CL-02, F-02, NO2-02, NO3-02, OXALATE2, PO4-02, SO4-02			
7	DUP	S96T000887	0	W	@IC-01	SOLID		

Final page for worklist # 6789

JLJusby 3-25-96
Analyst Signature **Date**

Analyst Signature **Date**

Fixed
Tinshell

Add Prep BLK to worklist

Tried to upload - results posting Done not available - WKL stuck.

Uploaded

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

WHC-SD-WM-DP-179, REV. 1

LABCORE Completed Worklist Report for Worklist# 6789

Analyst: jlf **Instrument:** IC01 **Book#** 133NAC

Method: LA-533-105 Rev/Mod 1-7

Worklist Comment: S-102 IC nds

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		3.79e-01	0.379	ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	5.9e1		5.97e+01	101.186	% Recovery
2	CCV			0	@IC-QC	CL	QC	7.9e1		7.62e+01	96.456	% Recovery
2	CCV			0	@IC-QC	NO2	QC	5.34e2		5.39e+02	100.936	% Recovery
2	CCV			0	@IC-QC	BR	QC	5.75e2		5.59e+02	97.217	% Recovery
2	CCV			0	@IC-QC	NO3	QC	6.14e2		6.04e+02	98.371	% Recovery
2	CCV			0	@IC-QC	PO4	QC	5.46e2		5.39e+02	98.718	% Recovery
2	CCV			0	@IC-QC	SO4	QC	6.31e2		6.24e+02	98.891	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	5.04e2		5.13e+02	101.786	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1		<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1		<1.70e-2		ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1		<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1		<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1		<1.40e-1		ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1		<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1		<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1		<1.05e-1		ug/g
4	SAMPLE	S96T000886		0 W	@IC-01	F-02	SOLID	N/A	<	1.691e+02	169.100	ug/g
4	SAMPLE	S96T000886		0 W	@IC-01	CL-02	SOLID	N/A		1.997e+03	221.100	ug/g
4	SAMPLE	S96T000886		0 W	@IC-01	NO2-02	SOLID	N/A		2.261e+04	1392.000	ug/g
4	SAMPLE	S96T000886		0 W	@IC-01	BR-02	SOLID	N/A	<	1.639e+03	1639.000	ug/g
4	SAMPLE	S96T000886		0 W	@IC-01	NO3-02	SOLID	N/A		6.044e+05	1820.000	ug/g
4	SAMPLE	S96T000886		0 W	@IC-01	PO4-02	SOLID	N/A		9.417e+03	1547.000	ug/g
4	SAMPLE	S96T000886		0 W	@IC-01	SO4-02	SOLID	N/A		5.942e+03	1768.000	ug/g
4	SAMPLE	S96T000886		0 W	@IC-01	OXALATE2	SOLID	N/A		2.489e+03	1366.000	ug/g
5	DUP	S96T000886		0 W	@IC-01	F-02	SOLID	<1.69e2		<1.72e2		RPD
5	DUP	S96T000886		0 W	@IC-01	CL-02	SOLID	2.00e+03		1.98e+03	1.005	RPD
5	DUP	S96T000886		0 W	@IC-01	NO2-02	SOLID	2.26e+04		2.22e+04	1.786	RPD
5	DUP	S96T000886		0 W	@IC-01	BR-02	SOLID	<1.64e3		<1.66e3		RPD
5	DUP	S96T000886		0 W	@IC-01	NO3-02	SOLID	6.04e+05		6.04e+05	0.000	RPD
5	DUP	S96T000886		0 W	@IC-01	PO4-02	SOLID	9.42e+03		8.96e+03	5.005	RPD
5	DUP	S96T000886		0 W	@IC-01	SO4-02	SOLID	5.94e+03		5.51e+03	7.511	RPD
5	DUP	S96T000886		0 W	@IC-01	OXALATE2	SOLID	2.49e+03		2.28e+03	8.805	RPD
6	SPK	S96T000886		0 W	@IC-01	F-02	SOLID	5.9e1		6.23e+01	105.593	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6789

Seq	Type	Sample#	R	A		Test	Matrix	Actual		Found	DL or Yield	Unit
6	SPK	S96T000886	0	W	@IC-01	CL-02	SOLID	7.9e1		7.52e+01	95.190	% Recovery
6	SPK	S96T000886	0	W	@IC-01	NO2-02	SOLID	5.34e2		5.36e+02	100.375	% Recovery
6	SPK	S96T000886	0	W	@IC-01	BR-02	SOLID	5.75e2		5.48e+02	95.304	% Recovery
6	SPK	S96T000886	0	W	@IC-01	NO3-02	SOLID	6.14e2		3.77e+02	61.401	% Recovery
6	SPK	S96T000886	0	W	@IC-01	PO4-02	SOLID	5.46e2		5.10e+02	93.407	% Recovery
6	SPK	S96T000886	0	W	@IC-01	SO4-02	SOLID	6.31e2		6.11e+02	96.830	% Recovery
6	SPK	S96T000886	0	W	@IC-01	OXALATE2	SOLID	5.04e2		5.20e+02	103.175	% Recovery
7	SAMPLE	S96T000887	0	W	@IC-01	F-02	SOLID	N/A	<	1.459e+02	146.000	ug/g
7	SAMPLE	S96T000887	0	W	@IC-01	CL-02	SOLID	N/A		3.313e+03	190.800	ug/g
7	SAMPLE	S96T000887	0	W	@IC-01	NO2-02	SOLID	N/A		3.432e+04	1201.000	ug/g
7	SAMPLE	S96T000887	0	W	@IC-01	BR-02	SOLID	N/A	<	1.414e+03	1414.000	ug/g
7	SAMPLE	S96T000887	0	W	@IC-01	NO3-02	SOLID	N/A		4.488e+05	1570.000	ug/g
7	SAMPLE	S96T000887	0	W	@IC-01	PO4-02	SOLID	N/A		1.191e+04	1335.000	ug/g
7	SAMPLE	S96T000887	0	W	@IC-01	SO4-02	SOLID	N/A		9.153e+03	1525.000	ug/g
7	SAMPLE	S96T000887	0	W	@IC-01	OXALATE2	SOLID	N/A		4.132e+03	1179.000	ug/g
8	DUP	S96T000887	0	W	@IC-01	F-02	SOLID	<1.46e2		<1.31e2		RPD
8	DUP	S96T000887	0	W	@IC-01	CL-02	SOLID	3.31e+03		2.78e+03	17.406	RPD
8	DUP	S96T000887	0	W	@IC-01	NO2-02	SOLID	3.43e+04		2.97e+04	14.375	RPD
8	DUP	S96T000887	0	W	@IC-01	BR-02	SOLID	<1.41e3		<1.27e3		RPD
8	DUP	S96T000887	0	W	@IC-01	NO3-02	SOLID	4.49e+05		3.67e+05	20.098	RPD
8	DUP	S96T000887	0	W	@IC-01	PO4-02	SOLID	1.19e+04		1.13e+04	5.172	RPD
8	DUP	S96T000887	0	W	@IC-01	SO4-02	SOLID	9.15e+03		8.62e+03	5.965	RPD
8	DUP	S96T000887	0	W	@IC-01	OXALATE2	SOLID	4.13e+03		3.65e+03	12.339	RPD

Final page for worklist# 6789

Analyst Signature Date

Analyst Signature Date

Reviewer Signature Date

Calculated 6/21/96 [illegible]

Units shown for QC (BLK/BKG) may not reflect the actual units.

A-0010-IC DATA FILE/WORKLIST RESOLUTION 18-Jun-96

Worklist#: 6789

	Seq	Type	Sample #
=>	1	CCB	
=>	2	CCV	
=>	3	BLNK-PREP	
=>	4	SAMPLE	S96T000886
=>	5	DUP	S96T000886
=>	6	SPK	S96T000886
=>	7	SAMPLE	S96T000887
=>	8	DUP	S96T000887

Data File: 6789MAR.CSV

Seq#	Data File	Sample Name	Dilution
1	96032521.d14	BLANK	1.00
2	96032521.d15	133N9-C STD	101.00
3	96032521.d16	S-102 BLANK PREP	1.00
	96032521.d17	S96T000886 SAM	21.00
	96032521.d19	S96T000886 SAM	67.67
4	96032521.d20	S96T000886 SAM	67.67
5	96032521.d21	S96T000886 DUP	67.67
6	96032521.d22	S96T000886 SPIKE	67.67
	96032521.d23	S96T000887 SAM	67.67
7	96032521.d24	S96T000887 SAM	51.00
8	96032521.d25	S96T000887 DUP	51.00

Save(F4) Abort(Shift-F3) ListFiles(Shift-F1) UploadFile(F8)

WL 678

Data Reprocessed On 03/26/1996 16:37:55

Sample Name: BLANK Date: 03/25/1996 01:24:37
Data File : C:\DX\DATA\96032521.d14
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 14 Detector: CDM-1
Analyst : Column: AG4A/AS4A anion column

WHC-SD-WM-DP-179, REV. 1

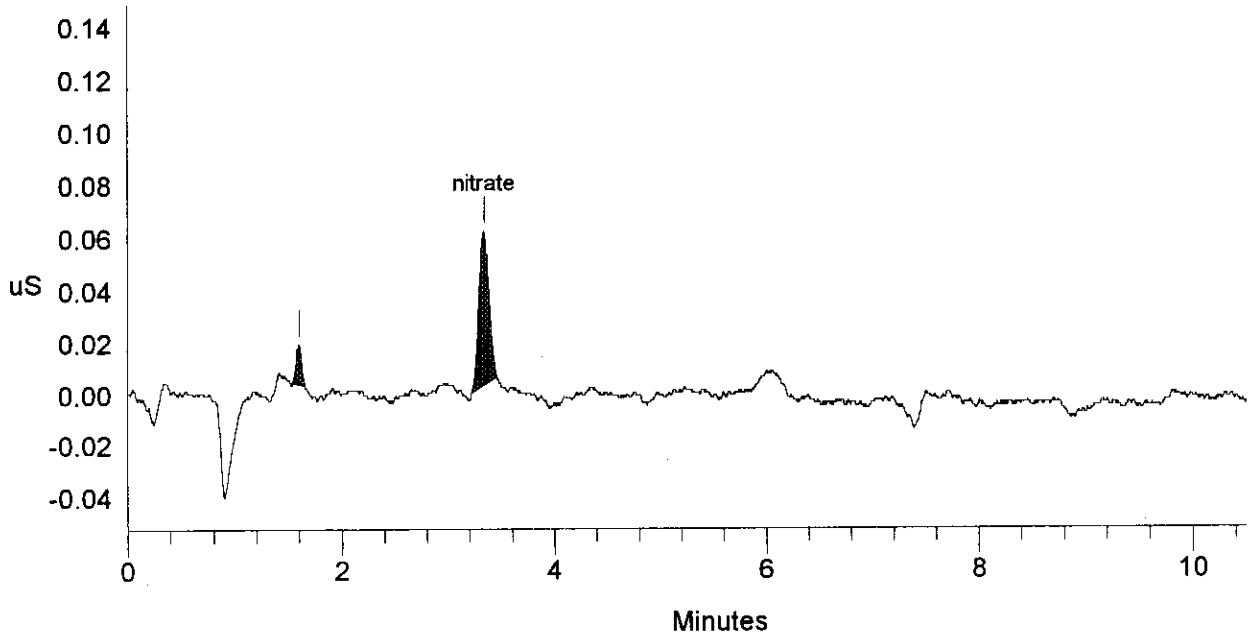
7/2/96

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	3.34	nitrate	0.379	58	388	1	6.37
		Totals	0.379	58	388		

File: 96032521.d14 Sample: BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 445 TO 456

Data Reprocessed On 03/26/1996 16:37:59

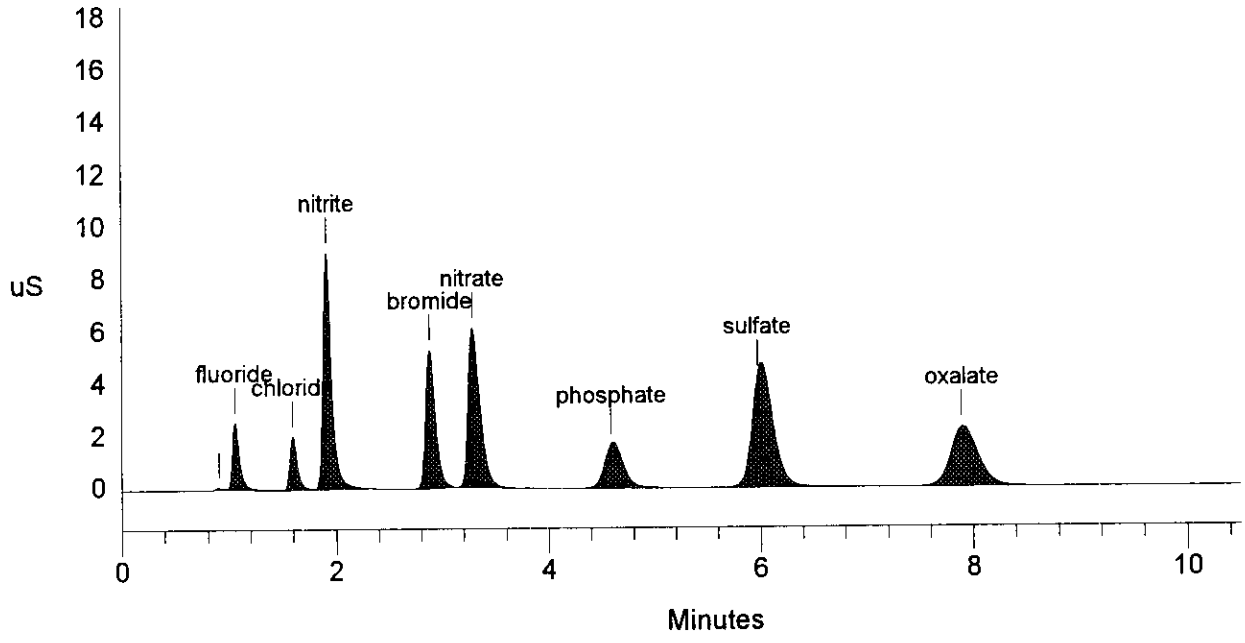
Sample Name: 133N9-C STD Date: 03/25/1996 01:37:06
Data File : C:\DX\DATA\96032521.d15 WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 15 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	55	234	2	
2	1.05	fluoride	59.698	2529	11646	2	0.32
3	1.59	chloride	76.166	2025	9462	1	-0.42
4	1.91	nitrite	539.186	9031	48689	1	-1.37
5	2.88	bromide	558.895	5282	33329	1	2.37
6	3.28	nitrate	603.774	6100	47206	1	4.46
7	4.59	phosphate	539.077	1672	21513	1	-1.71
8	5.97	sulfate	623.613	4257	64220	1	-1.75
9	7.89	oxalate	512.923	2292	41394	1	-0.67
		Totals	3513.333	33241	277695		

File: 96032521.d15 Sample: 133N9-C STD



Data Reprocessed On 03/26/1996 16:38:02

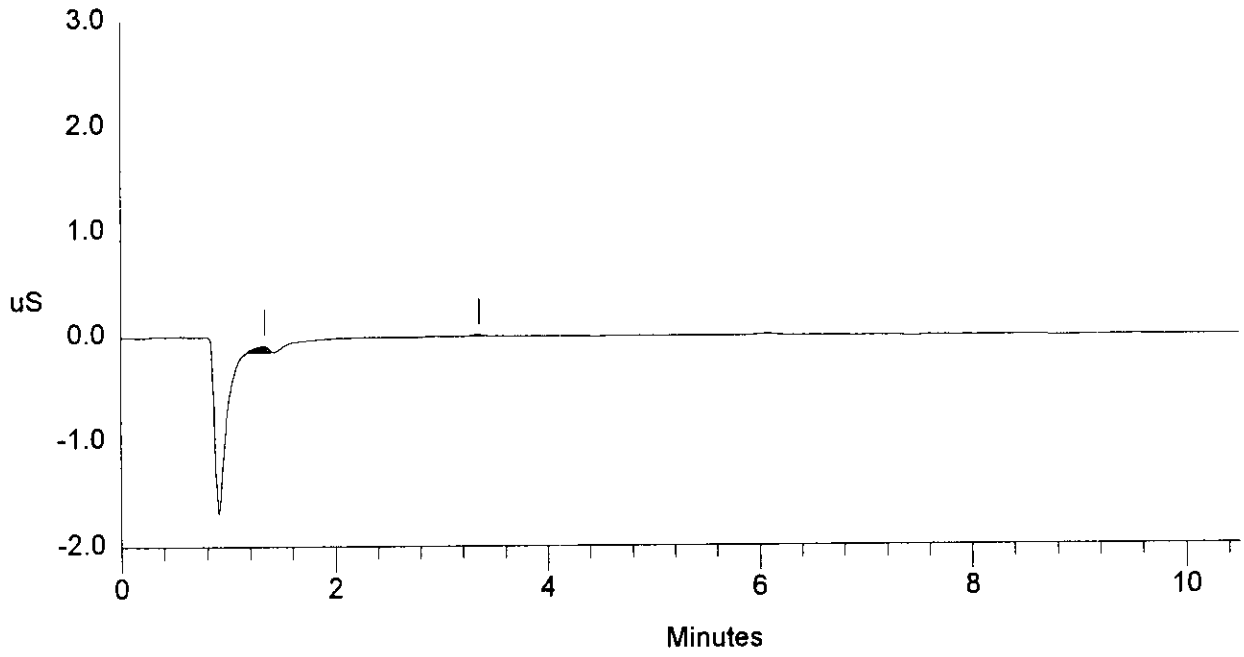
Sample Name: S-102 BLANK PREP	Date: 03/25/1996 01:48:55
Data File : C:\DX\DATA\96032521.d16	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 16	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.34		0.000	64	583	1	
		Totals	0.000	64	583		

File: 96032521.d16 Sample: S-102 BLANK PREP



Data Reprocessed On 03/26/1996 16:38:04

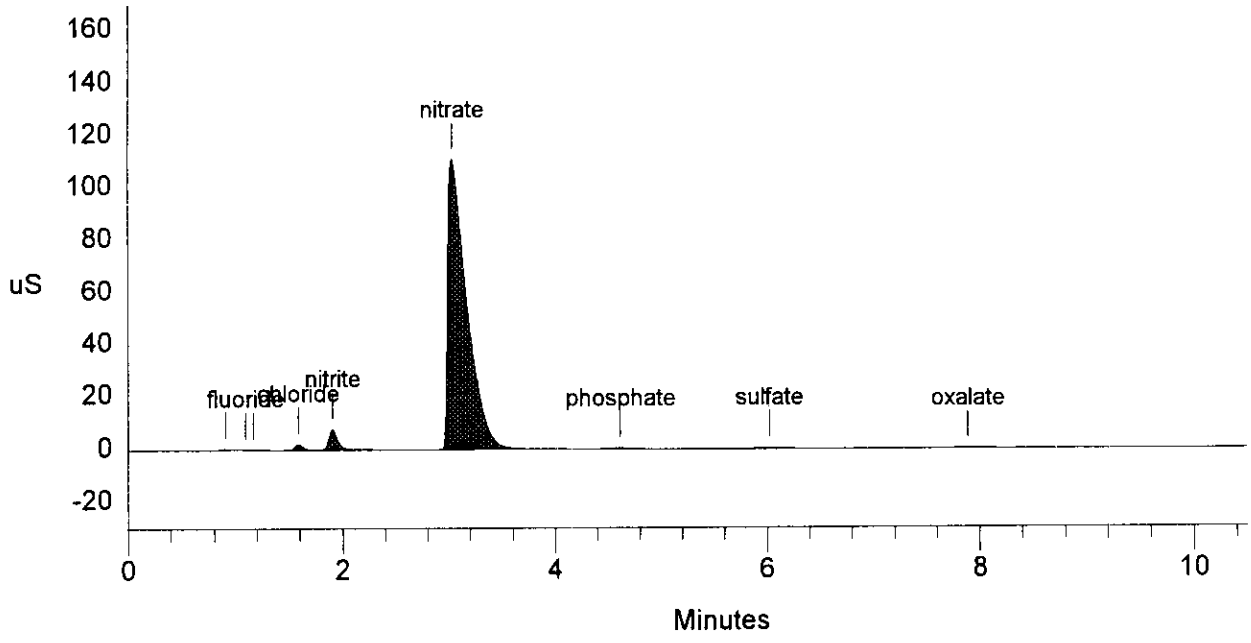
Sample Name: S96T000886 SAM	Date: 03/25/1996 02:02:27
Data File : C:\DX\DATA\96032521.d17	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 17	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	21	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	400	2455	2	
2	1.09	fluoride	0.855	140	551	2	4.13
3	1.17		0.000	239	1915	2	
4	1.59	chloride	19.203	2189	11530	1	-0.83
5	1.91	nitrite	101.138	7683	43667	1	-1.72
6	3.03	nitrate	2269.141	110880	1361006	1	-3.40
7	4.61	phosphate	30.157	373	4611	1	-1.14
8	6.03	sulfate	18.571	505	7001	1	-0.88
9	7.89	oxalate	8.914	153	2934	1	-0.67
		Totals	2447.979	122561	1435670		

File: 96032521.d17 Sample: S96T000886 SAM



Data Reprocessed On 03/26/1996 16:38:07

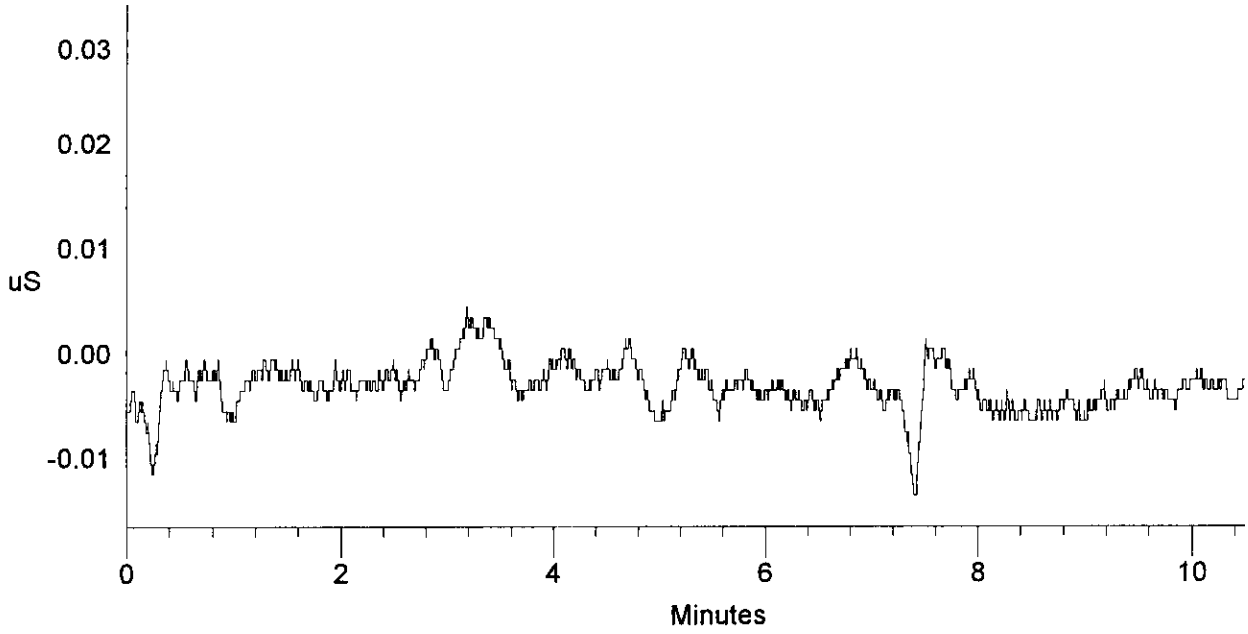
Sample Name: S96T000886 SAM	Date: 03/25/1996 02:28:05
Data File : C:\DX\DATA\96032521.d19	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 19	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
		Totals	0.000	0	0		

File: 96032521.d19 Sample: S96T000886 SAM



Data Reprocessed On 03/26/1996 16:38:10

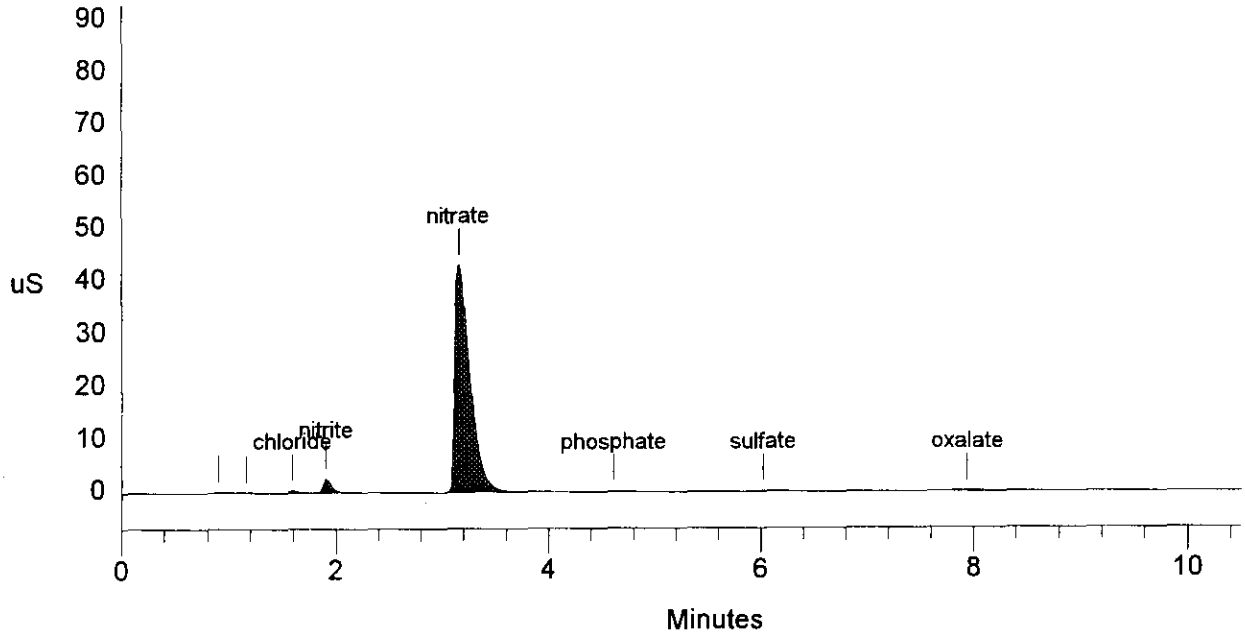
Sample Name: S96T000886 SAM Date: 03/25/1996 02:39:48
Data File : C:\DX\DATA\96032521.d20
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 20 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	119	688	2	
2	1.17		0.000	66	513	2	
3	1.59	chloride	10.389	386	1816	1	-0.42
4	1.91	nitrite	117.641	2575	14260	1	-1.72
5	3.15	nitrate	3143.893	43055	427559	1	0.42
6	4.61	phosphate	48.987	129	1550	1	-1.14
7	6.03	sulfate	30.911	167	2447	1	-0.88
8	7.95	oxalate	12.950	58	1022	1	0.00
		Totals	3364.772	46555	449856		

File: 96032521.d20 Sample: S96T000886 SAM



Data Reprocessed On 03/26/1996 16:38:13

Sample Name: S96T000886 DUP Date: 03/25/1996 02:54:13
Data File : C:\DX\DATA\96032521.d21
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 21 Detector: CDM-1
Analyst : Column: AG4A/AS4A anion column

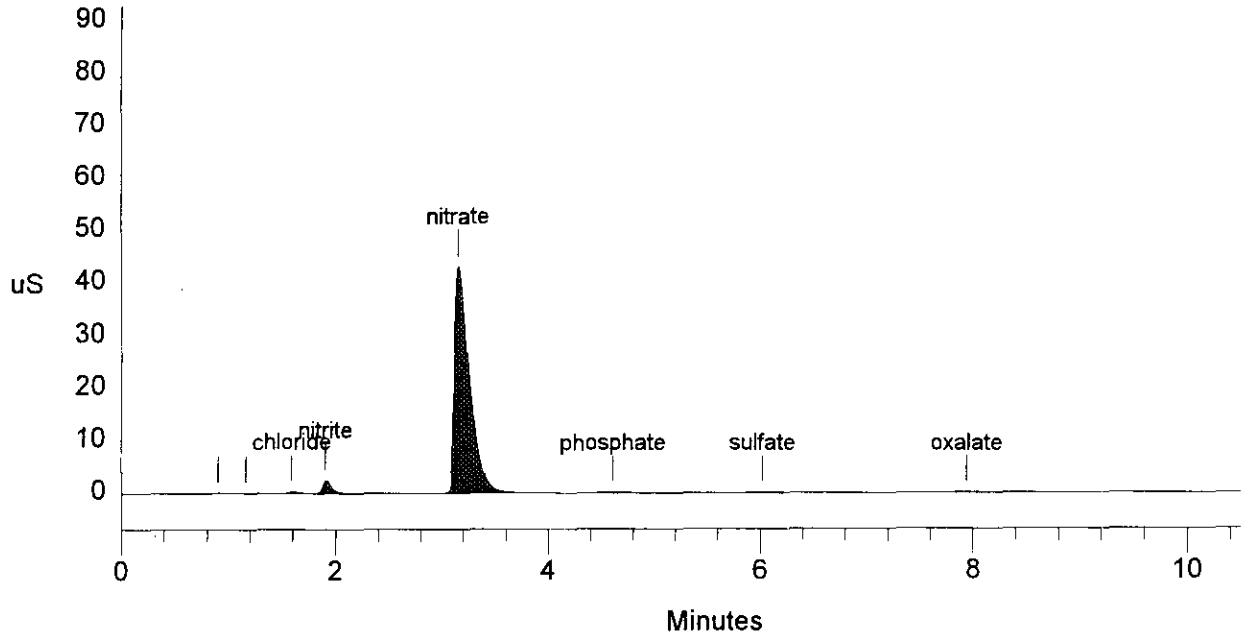
WHC-SD-WM-DP-179, REV 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50	100	

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	113	648	2	
2	1.17		0.000	55	391	2	
3	1.59	chloride	10.149	378	1771	1	-0.42
4	1.91	nitrite	113.979	2488	13746	1	-1.72
5	3.15	nitrate	3095.936	43078	420096	1	0.42
6	4.61	phosphate	45.921	114	1355	1	-1.14
7	6.03	sulfate	28.244	143	2027	1	-0.88
8	7.95	oxalate	11.704	49	871	1	0.00
		Totals	3305.933	46419	440906		

File: 96032521.d21 Sample: S96T000886 DUP



Data Reprocessed On 03/26/1996 16:38:16

Sample Name: S96T000886 SPIKE	Date: 03/25/1996 03:06:07
Data File : C:\DX\DATA\96032521.d22	
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 22	Detector: CDM-1
Analyst :	Column: AG4A/AS4A anion column

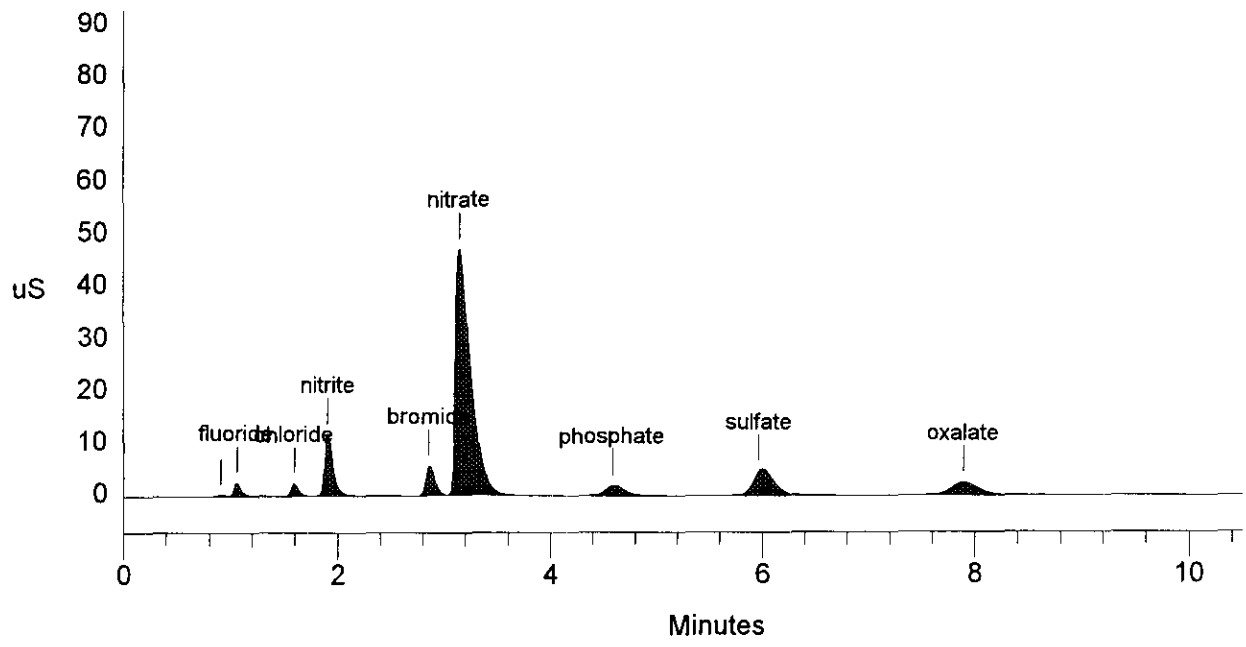
WHC-SD-WM-DP-179 REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	175	806	2	
2	1.05	fluoride	41.518	2547	12106	2	0.32
3	1.59	chloride	60.550	2410	11276	1	-0.42
4	1.91	nitrite	475.177	11831	64937	1	-1.72
5	2.86	bromide	365.519	5671	32484	1	1.66
6	3.14	nitrate	3395.417	47053	467313	1	0.00
7	4.59	phosphate	388.975	1867	23305	1	-1.71
8	5.97	sulfate	438.121	4656	67514	1	-1.75
9	7.89	oxalate	359.314	2390	43321	1	-0.67
		Totals	5524.591	78601	723063		

File: 96032521.d22 Sample: S96T000886 SPIKE



Data Reprocessed On 03/26/1996 16:38:19

Sample Name: S96T000887 SAM Date: 03/25/1996 03:17:50
Data File : C:\DX\DATA\96032521.d23
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 23 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

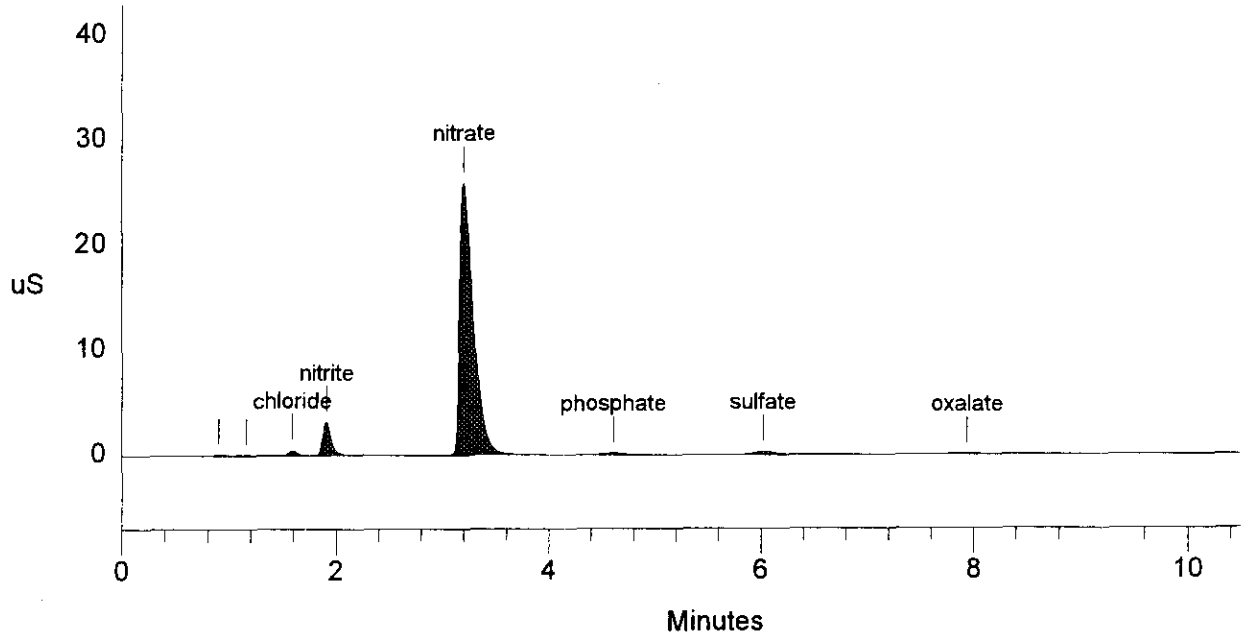
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	74	414	2	
2	1.17		0.000	87	722	2	
3	1.59	chloride	13.911	506	2473	1	-0.42
4	1.91	nitrite	142.507	3188	17755	1	-1.37
5	3.20	nitrate	1788.085	25939	228869	1	1.91
6	4.61	phosphate	56.326	162	2015	1	-1.14
7	6.03	sulfate	42.620	307	4289	1	-0.88
8	7.95	oxalate	16.348	82	1434	1	0.00
		Totals	2059.797	30344	257971		

File: 96032521.d23 Sample: S96T000887 SAM



Data Reprocessed On 03/26/1996 16:38:22

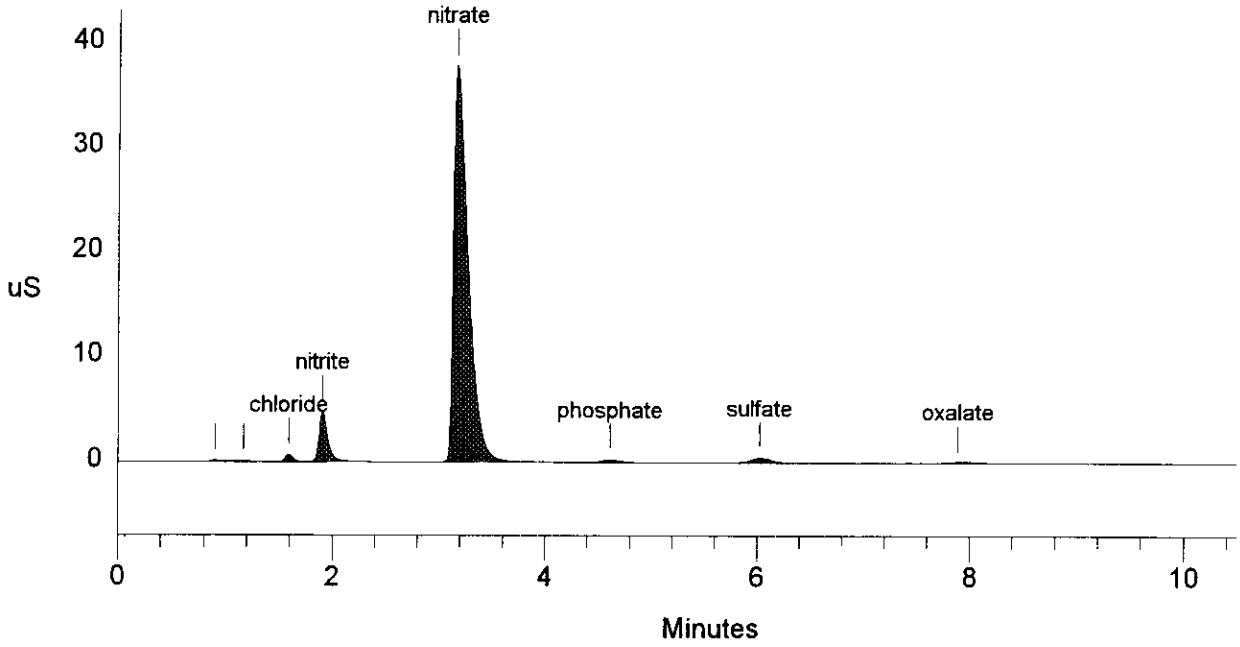
Sample Name: S96T000887 SAM Date: 03/25/1996 03:30:25
Data File : C:\DX\DATA\96032521.d24
Method : C:\DX\METHOD\KIT.MET WHO-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 24 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	51	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	135	817	2	
2	1.17		0.000	139	1206	2	
3	1.59	chloride	15.052	733	3605	1	-0.42
4	1.91	nitrite	155.922	4769	26824	1	-1.72
5	3.17	nitrate	2038.723	37884	360563	1	0.85
6	4.61	phosphate	54.124	244	2999	1	-1.14
7	6.03	sulfate	41.583	453	6266	1	-0.88
8	7.89	oxalate	18.772	115	2471	1	-0.67
		Totals	2324.176	44472	404750		

File: 96032521.d24 Sample: S96T000887 SAM



Data Reprocessed On 03/26/1996 16:38:25

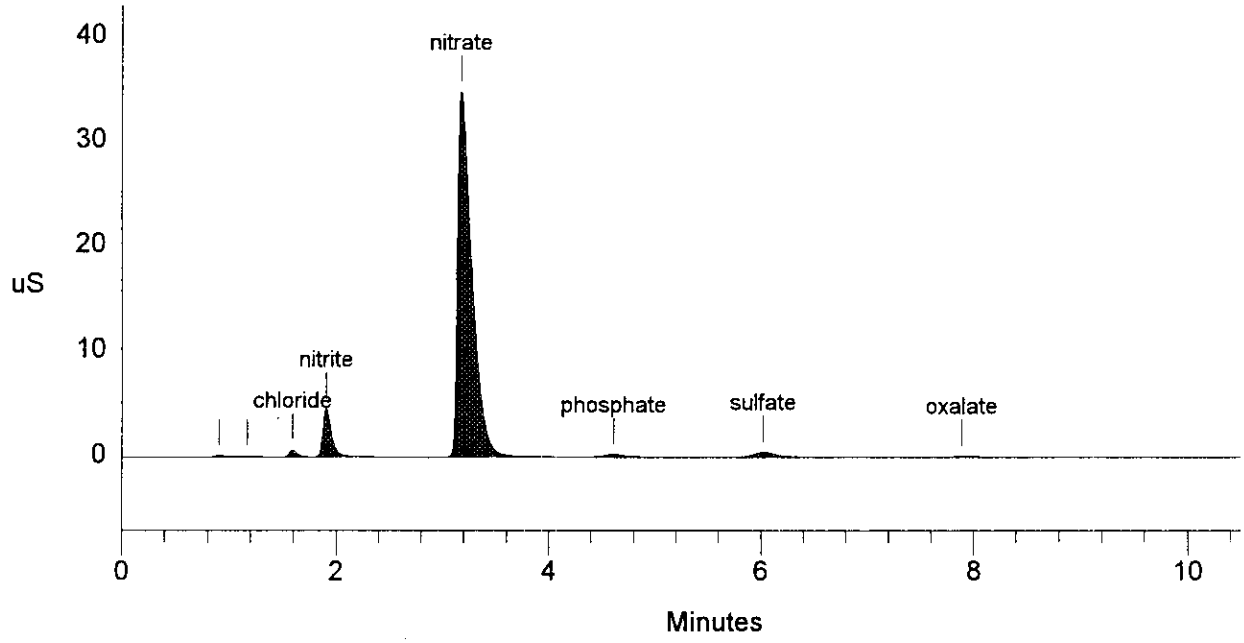
Sample Name: S96T000887 DUP Date: 03/25/1996 03:42:21
Data File : C:\DX\DATA\96032521.d25
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 25 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	51	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	119	686	2	
2	1.17		0.000	123	962	2	
3	1.59	chloride	14.020	692	3349	1	-0.42
4	1.91	nitrite	149.991	4575	25714	1	-1.72
5	3.17	nitrate	1852.133	34739	323967	1	1.06
6	4.61	phosphate	57.259	268	3263	1	-1.14
7	6.03	sulfate	43.500	472	6667	1	-0.88
8	7.89	oxalate	18.445	115	2419	1	-0.67
		Totals	2135.348	41102	367026		

File: 96032521.d25 Sample: S96T000887 DUP



Data Reprocessed On 03/26/1996 16:53:56

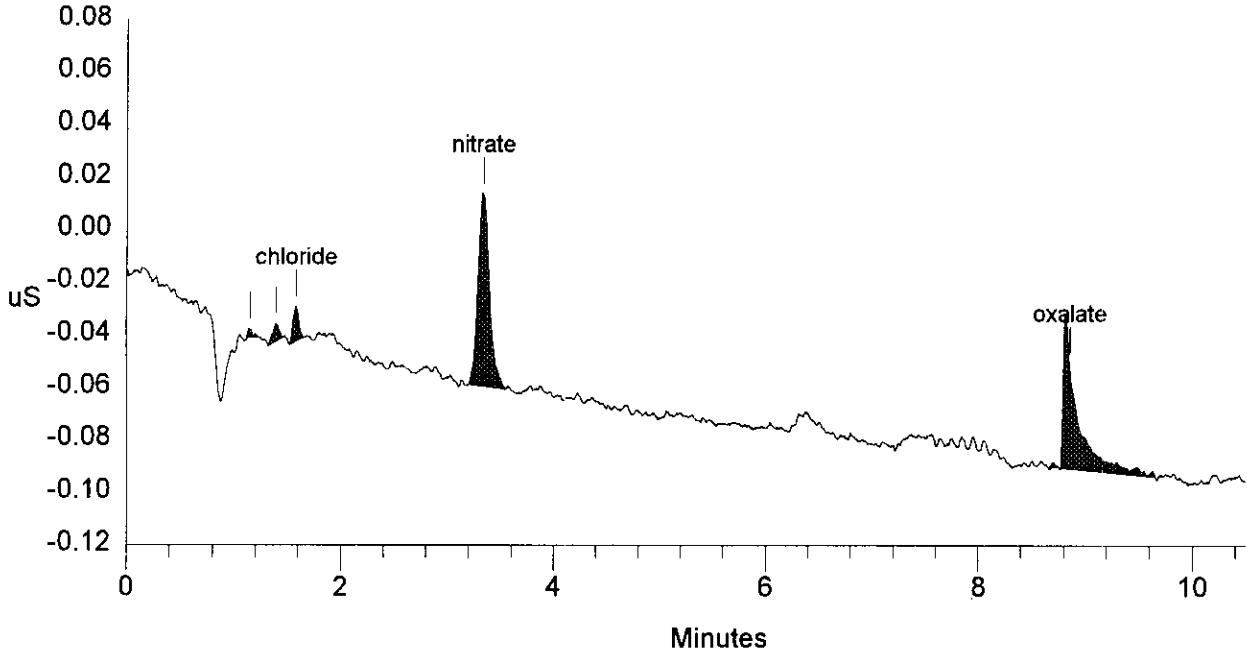
Sample Name: CCB
Date: 02/09/1996 06:59:04
Data File : C:\DX\DATA\96020581.d01
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 1
Detector:CDM-2
Analyst :
Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	101	1	3150	5Hz	0.00	10.50	20000	

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	1.39		0.000	6680	26508	1	
3	1.58	chloride	0.000	13073	47680	1	0.64
4	3.33	nitrate	0.003	72883	543072	1	5.82
5	8.85	oxalate	0.001	40070	541208	1	9.17
		Totals	0.004	132706	1158468		

File: 96020581.d01 Sample: CCB



LABCORE Data Entry Template for Worklist# 6790

Analyst: RWK **Instrument:** IC00 ICU1 **Book#** 133N19A

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 IC nds

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000888	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000888	0	W	@IC-01	SOLID		
6	SAMPLE	S96T000889	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
7	DUP	S96T000889	0	W	@IC-01	SOLID		

Final page for worklist # 6790

Ed Smith for RWK 3/26/96

Analyst Signature **Date** **Analyst Signature** **Date**

In Shell

Uploaded Hea 4-2-96

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6790

Analyst: kgh **Instrument:** IC01 **Book#** 123A19A

Method: LA-533705 Rev/Mod D-1

Worklist Comment: S-102 IC nds

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		3.55e-01	0.355	ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		6.17e+01	104.576	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		7.83e+01	99.114	% Recovery
2	CCV			0	@IC-QC	NO2	QC	534		5.62e+02	105.243	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		5.75e+02	100.000	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		6.10e+02	99.349	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.45e+02	99.817	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		6.33e+02	100.317	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	504		5.31e+02	105.357	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1		<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1		<1.70e-2		ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1		<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1		<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1		<1.40e-1		ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1		<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1		<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1		<1.05e-1		ug/g
4	SAMPLE	S96T000888	0	W	@IC-01	F-02	SOLID	N/A	<	1.981e+02	198.100	ug/g
4	REJECT	S96T000888	0	W	@IC-01	F-02	SOLID	N/A	<	1.981e+02		ug/g
4	SAMPLE	S96T000888	0	W	@IC-01	CL-02	SOLID	N/A		1.937e+03	259.100	ug/g
4	REJECT	S96T000888	0	W	@IC-01	CL-02	SOLID	N/A		1.937e+03		ug/g
4	SAMPLE	S96T000888	0	W	@IC-01	NO2-02	SOLID	N/A		2.252e+04	1631.000	ug/g
4	REJECT	S96T000888	0	W	@IC-01	NO2-02	SOLID	N/A		2.252e+04		ug/g
4	SAMPLE	S96T000888	0	W	@IC-01	BR-02	SOLID	N/A	<	1.920e+03	1920.000	ug/g
4	REJECT	S96T000888	0	W	@IC-01	BR-02	SOLID	N/A	<	1.920e+03		ug/g
4	SAMPLE	S96T000888	0	W	@IC-01	NO3-02	SOLID	N/A		6.241e+05	2132.000	ug/g
4	REJECT	S96T000888	0	W	@IC-01	NO3-02	SOLID	N/A		6.241e+05		ug/g
4	SAMPLE	S96T000888	0	W	@IC-01	PO4-02	SOLID	N/A		1.083e+04	1812.000	ug/g
4	REJECT	S96T000888	0	W	@IC-01	PO4-02	SOLID	N/A		1.083e+04		ug/g
4	SAMPLE	S96T000888	0	W	@IC-01	SO4-02	SOLID	N/A		6.734e+03	2071.000	ug/g
4	REJECT	S96T000888	0	W	@IC-01	SO4-02	SOLID	N/A		6.734e+03		ug/g
4	SAMPLE	S96T000888	0	W	@IC-01	OXALATE2	SOLID	N/A		3.160e+03	1600.000	ug/g
4	REJECT	S96T000888	0	W	@IC-01	OXALATE2	SOLID	N/A		3.160e+03		ug/g
5	DUP	S96T000888	0	W	@IC-01	F-02	SOLID	<1.98e2		<1.94e2		RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6790

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
5	DUP	S96T000888	0	W	@IC-01	CL-02	SOLID	1.94e+03		1.87e+03	3.675	RPD
5	DUP	S96T000888	0	W	@IC-01	NO2-02	SOLID	2.25e+04		2.21e+04	1.794	RPD
5	DUP	S96T000888	0	W	@IC-01	BR-02	SOLID	<1.92e3		<1.88e3		RPD
5	DUP	S96T000888	0	W	@IC-01	NO3-02	SOLID	6.24e+05		6.38e+05	2.219	RPD
5	DUP	S96T000888	0	W	@IC-01	PO4-02	SOLID	1.08e+04		9.94e+03	8.293	RPD
5	DUP	S96T000888	0	W	@IC-01	SO4-02	SOLID	6.73e+03		6.50e+03	3.477	RPD
5	DUP	S96T000888	0	W	@IC-01	OXALATE2	SOLID	3.16e+03		2.91e+03	8.237	RPD
6	SAMPLE	S96T000889	0	W	@IC-01	F-02	SOLID	N/A		3.651e+02	151.100	ug/g
6	REJECT	S96T000889	0	W	@IC-01	F-02	SOLID	N/A		3.651e+02		ug/g
6	SAMPLE	S96T000889	0	W	@IC-01	CL-02	SOLID	N/A		3.285e+03	197.500	ug/g
6	REJECT	S96T000889	0	W	@IC-01	CL-02	SOLID	N/A		3.285e+03		ug/g
6	SAMPLE	S96T000889	0	W	@IC-01	NO2-02	SOLID	N/A		3.399e+04	1244.000	ug/g
6	REJECT	S96T000889	0	W	@IC-01	NO2-02	SOLID	N/A		3.399e+04		ug/g
6	SAMPLE	S96T000889	0	W	@IC-01	BR-02	SOLID	N/A	<	1.464e+03	1464.000	ug/g
6	REJECT	S96T000889	0	W	@IC-01	BR-02	SOLID	N/A	<	1.464e+03		ug/g
6	SAMPLE	S96T000889	0	W	@IC-01	NO3-02	SOLID	N/A		4.871e+05	1626.000	ug/g
6	REJECT	S96T000889	0	W	@IC-01	NO3-02	SOLID	N/A		4.871e+05		ug/g
6	SAMPLE	S96T000889	0	W	@IC-01	PO4-02	SOLID	N/A		1.438e+04	1382.000	ug/g
6	REJECT	S96T000889	0	W	@IC-01	PO4-02	SOLID	N/A		1.438e+04		ug/g
6	SAMPLE	S96T000889	0	W	@IC-01	SO4-02	SOLID	N/A		7.423e+03	1579.000	ug/g
6	REJECT	S96T000889	0	W	@IC-01	SO4-02	SOLID	N/A		7.423e+03		ug/g
6	SAMPLE	S96T000889	0	W	@IC-01	OXALATE2	SOLID	N/A		2.985e+03	1220.000	ug/g
6	REJECT	S96T000889	0	W	@IC-01	OXALATE2	SOLID	N/A		2.985e+03		ug/g
7	DUP	S96T000889	0	W	@IC-01	F-02	SOLID	3.65e+02		<1.69e2		RPD
7	DUP	S96T000889	0	W	@IC-01	CL-02	SOLID	3.28e+03		8.36e+03	87.285	RPD
7	DUP	S96T000889	0	W	@IC-01	NO2-02	SOLID	3.40e+04		3.29e+04	3.288	RPD
7	DUP	S96T000889	0	W	@IC-01	BR-02	SOLID	<1.46e3		<1.64e3		RPD
7	DUP	S96T000889	0	W	@IC-01	NO3-02	SOLID	4.87e+05		4.90e+05	0.614	RPD
7	DUP	S96T000889	0	W	@IC-01	PO4-02	SOLID	1.44e+04		1.36e+04	5.714	RPD
7	DUP	S96T000889	0	W	@IC-01	SO4-02	SOLID	7.42e+03		8.58e+03	14.500	RPD
7	DUP	S96T000889	0	W	@IC-01	OXALATE2	SOLID	2.98e+03		2.97e+03	0.336	RPD

Comments Section:

Comments for sample# S96T000889 **and test** @IC-01 .

There is a matrix interference on F and DUP poor Cl. hla
There is a matrix interference on F and DUP poor Cl. hla

Final page for worklist# 6790

Analyst Signature **Date** **Analyst Signature** **Date**

James Fuge 4/19/96
Reviewer Signature **Date**

Units shown for QC (BLK/BKG) may not reflect the actual units.

Data Reprocessed On 03/26/1996 16:27:15

WL 6790 Batch 2969

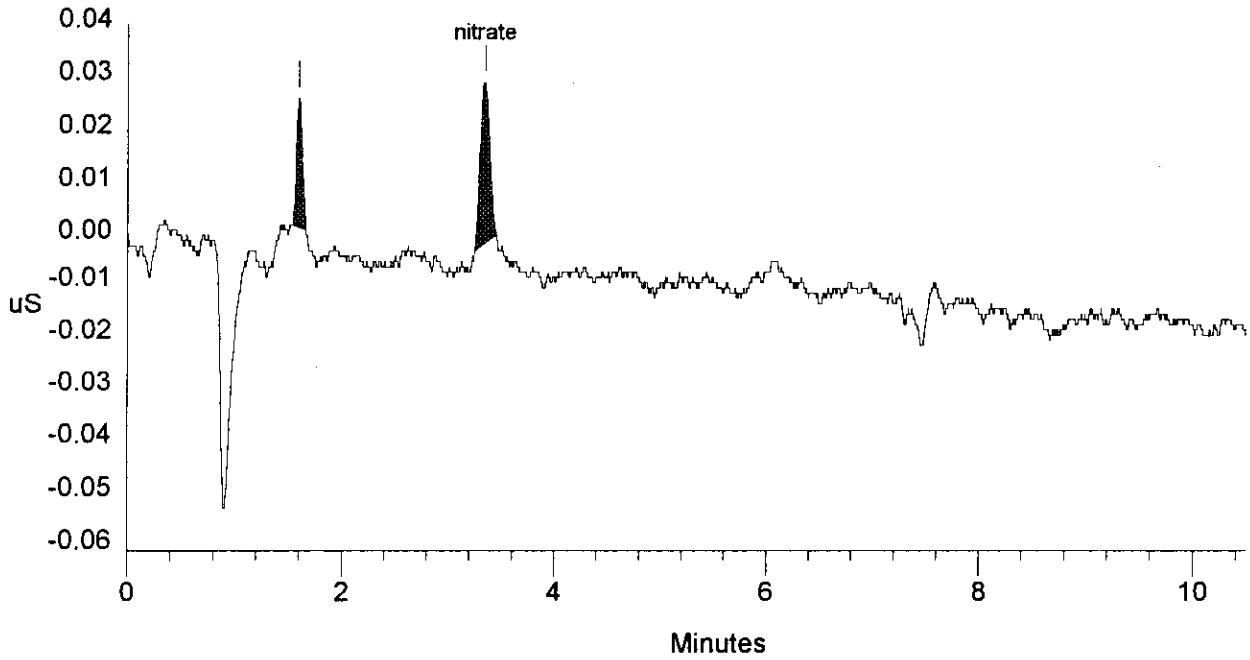
Sample Name: BLANK
Date: 03/25/1996 23:33:00
Data File : C:\DX\DATA\96032621.d01
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 1 Detector:CDM-1
Analyst : N. Smith 4/2/96 Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	3.35	nitrate	0.355	31	187	1	6.58
		Totals	0.355	31	187		

File: 96032621.d01 Sample: BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 460 TO 466.

Data Reprocessed On 03/26/1996 16:27:18

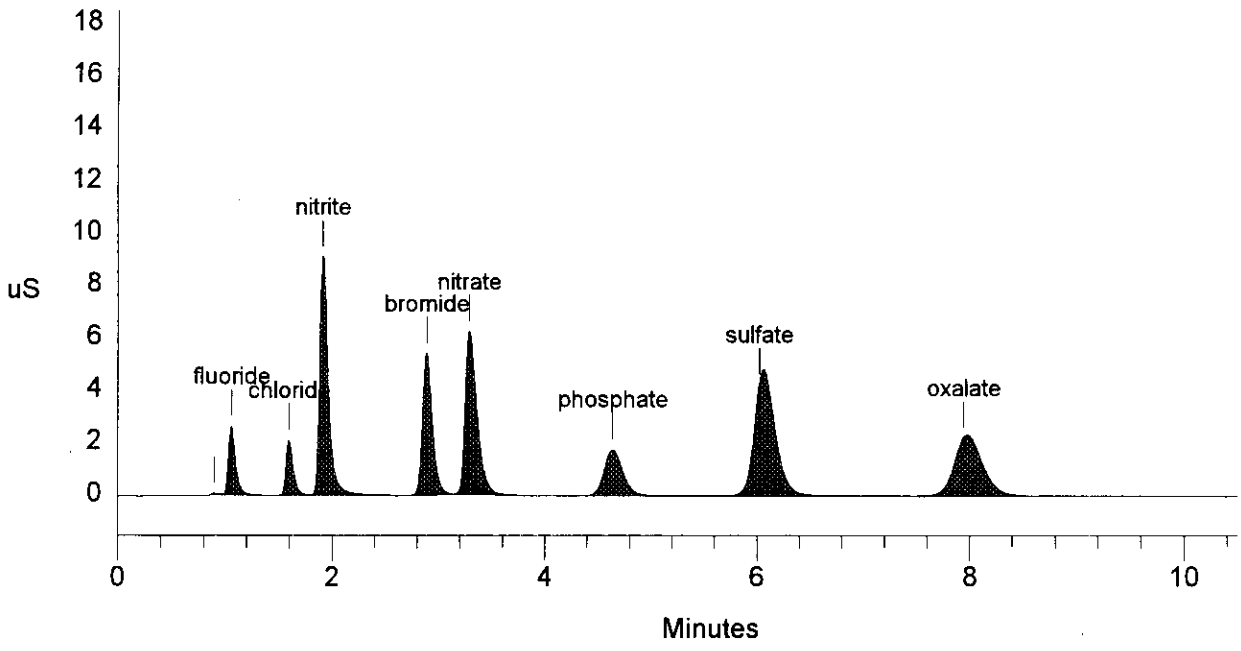
Sample Name: STD 133N9-C	Date: 03/25/1996 23:47:37
Data File : C:\DX\DATA\96032621.d02	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 2	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	101	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	53	225	2	
2	1.06	fluoride	61.722	2605	12056	2	0.95
3	1.60	chloride	78.297	2090	9734	1	0.00
4	1.91	nitrite	562.304	9105	50892	1	-1.37
5	2.89	bromide	574.708	5388	34332	1	2.61
6	3.29	nitrate	609.768	6206	47709	1	4.67
7	4.64	phosphate	545.176	1761	21776	1	-0.57
8	6.03	sulfate	633.095	4257	65250	1	-0.88
9	7.95	oxalate	531.479	2223	42924	1	0.00
		Totals	3596.551	33689	284900		

File: 96032621.d02 Sample: STD 133N9-C



Data Reprocessed On 03/26/1996 16:27:21

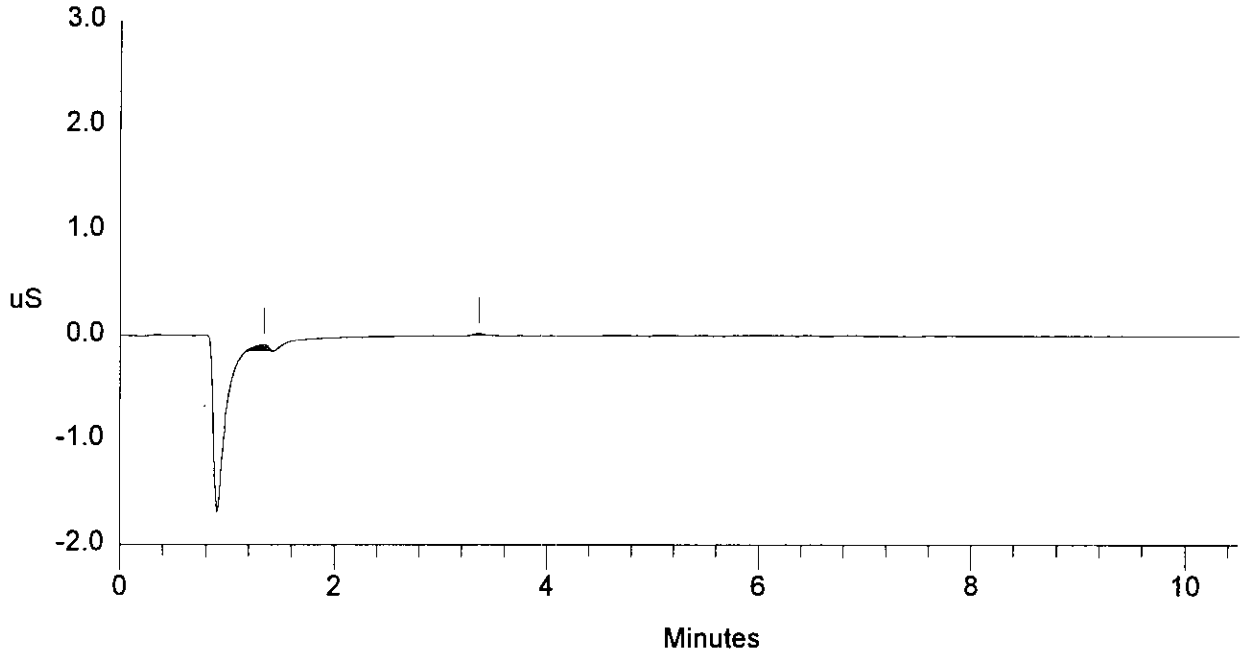
Sample Name: BLANK-PREP	Date: 03/26/1996 00:03:11
Data File : C:\DX\DATA\96032621.d03	WHC-SD-WM-DP-179, REV.
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 3	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.35		0.000	61	548	1	
		Totals	0.000	61	548		

File: 96032621.d03 Sample: BLANK-PREP



Data Reprocessed On 03/26/1996 16:27:30

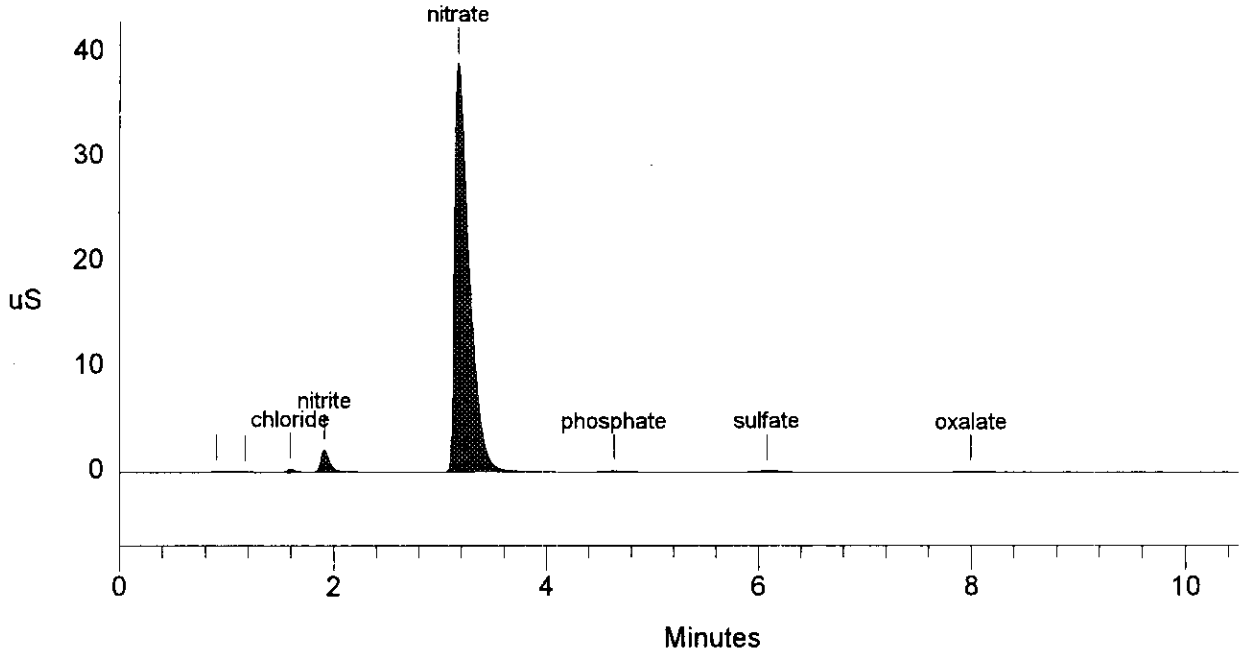
Sample Name: S96T000888 SAM	Date: 03/26/1996 02:17:50
Data File : C:\DX\DATA\96032621.d06	WHC-SD-WM-DP-179, REV.1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	67.67	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	85	445	1	
2	1.17		0.000	31	115	1	
3	1.59	chloride	8.599	307	1483	1	-0.42
4	1.91	nitrite	99.997	2088	11783	1	-1.37
5	3.17	nitrate	2771.165	38916	370469	1	0.85
6	4.64	phosphate	48.067	117	1491	1	-0.57
7	6.08	sulfate	29.900	160	2288	1	0.00
8	8.00	oxalate	14.029	58	1153	1	0.67
		Totals	2971.757	41763	389227		

File: 96032621.d06 Sample: S96T000888 SAM



Data Reprocessed On 03/26/1996 16:27:33

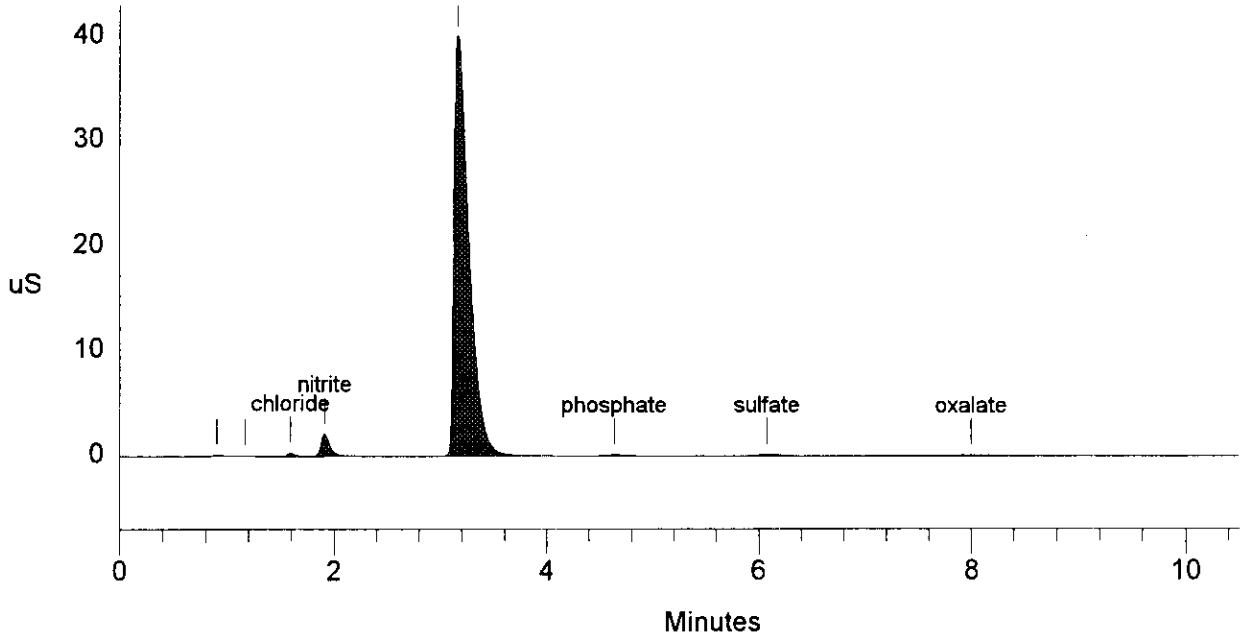
Sample Name: S96T000888 DUP	Date: 03/26/1996 02:32:25
Data File : C:\DX\DATA\96032621.d07	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 7	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	67.67	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	89	464	1	
2	1.17		0.000	33	123	1	
3	1.59	chloride	8.480	302	1461	1	-0.42
4	1.91	nitrite	100.005	2104	11784	1	-1.37
5	3.16	nitrate	2888.396	40020	388202	1	0.64
6	4.64	phosphate	44.991	103	1296	1	-0.57
7	6.08	sulfate	29.424	152	2213	1	0.00
8	8.00	oxalate	13.153	56	1047	1	0.67
		Totals	3084.448	42860	406590		

File: 96032621.d07 Sample: S96T000888 DUP



Data Reprocessed On 03/26/1996 16:27:39

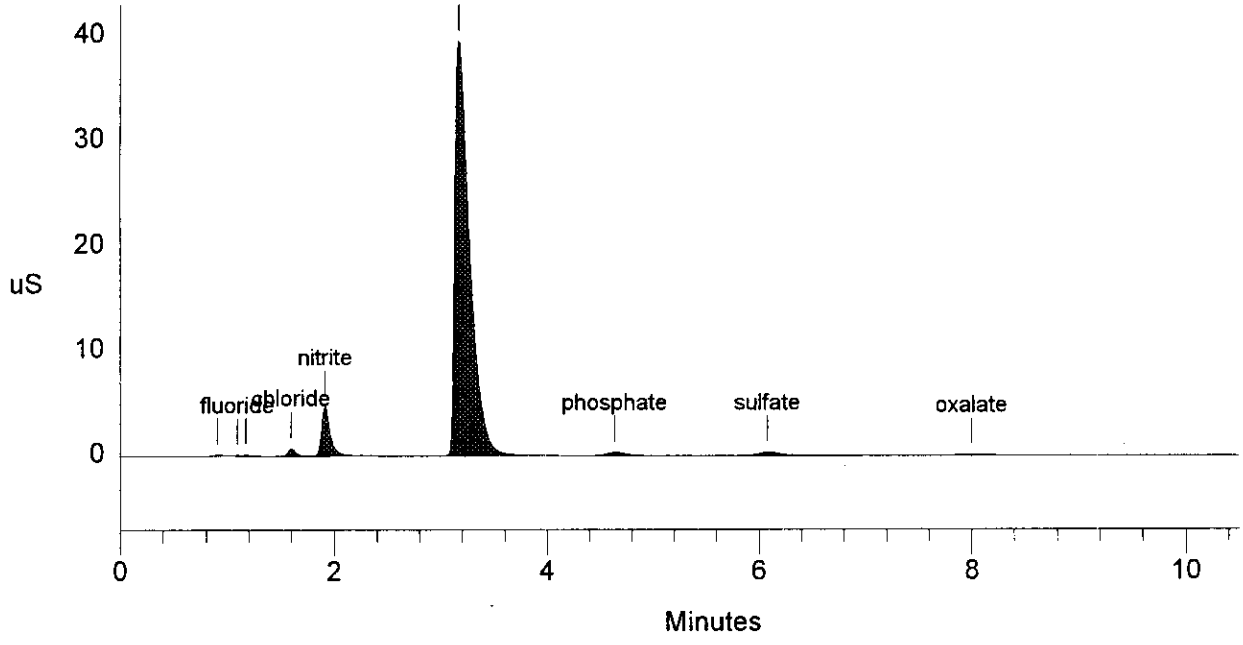
Sample Name: S96T000889 SAM	Date: 03/26/1996 03:05:42
Data File : C:\DX\DATA\96032621.d09	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 9	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	113	609	2	
2	1.09	fluoride	2.126	75	366	2	4.13
3	1.17		0.000	134	912	2	
4	1.59	chloride	19.126	717	3447	1	-0.42
5	1.91	nitrite	197.947	4686	25563	1	-1.37
6	3.17	nitrate	2836.319	39476	380300	1	0.85
7	4.64	phosphate	83.720	300	3755	1	-0.57
8	6.08	sulfate	43.223	312	4384	1	0.00
9	8.00	oxalate	17.384	86	1560	1	0.67
		Totals	3199.846	45898	420896		

File: 96032621.d09 Sample: S96T000889 SAM



Data Reprocessed On 03/26/1996 16:27:42

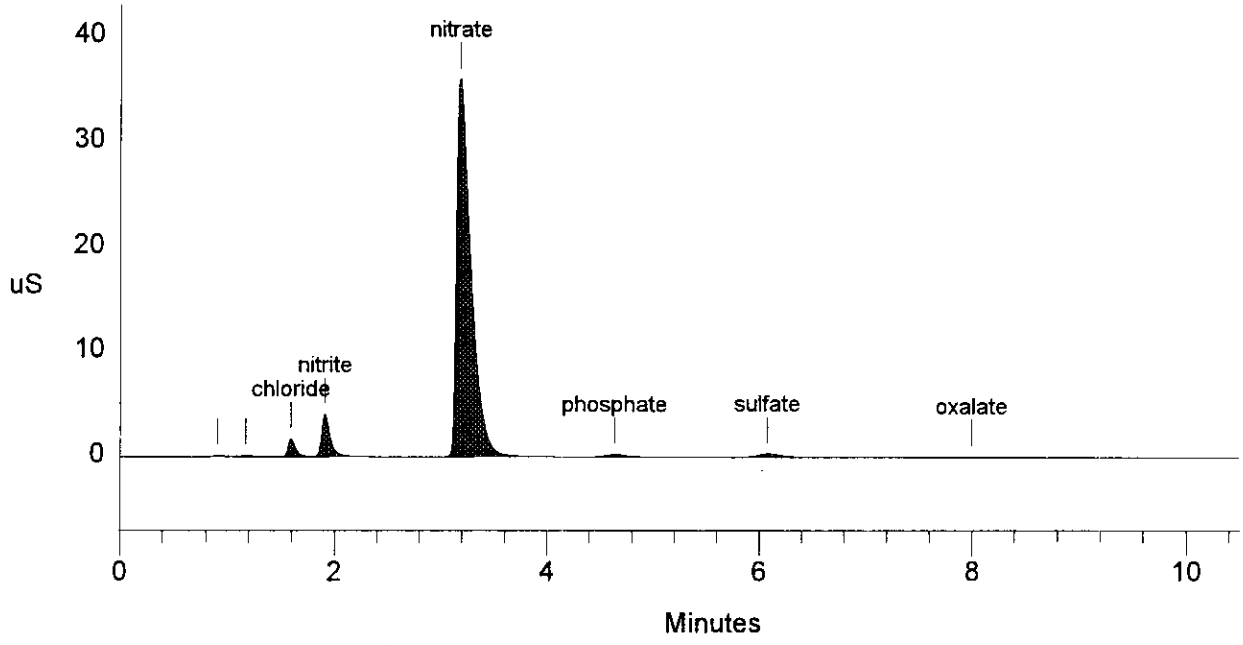
Sample Name: S96T000889 DUP	Date: 03/26/1996 04:17:25
Data File : C:\DX\DATA\96032621.d10	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 10	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	67.67	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	105	614	2	
2	1.17		0.000	132	1148	2	
3	1.59	chloride	43.561	1690	8045	1	-0.42
4	1.91	nitrite	171.381	3991	21819	1	-1.37
5	3.18	nitrate	2555.120	35954	338294	1	1.27
6	4.64	phosphate	71.015	231	2948	1	-0.57
7	6.08	sulfate	44.713	322	4618	1	0.00
8	8.00	oxalate	15.480	76	1329	1	0.67
		Totals	2901.270	42502	378815		

File: 96032621.d10 Sample: S96T000889 DUP



LABCORE Data Entry Template for Worklist# 6791

Analyst: SRM **Instrument:** IC00 IC01 **Book#** 133N9-C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC RTS!

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000890	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000890	0	W	@IC-01	SOLID		
6	SAMPLE	S96T000891	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
7	DUP	S96T000891	0	W	@IC-01	SOLID		
8	SPK	S96T000891	0	W	@IC-01	SOLID		

Final page for worklist # 6791

SMorris 3-28-96
Analyst Signature **Date**

Analyst Signature **Date**

Exported 4/1/96
In shell
uploaded 4/5/96

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6791

Analyst: srm **Instrument:** IC01 **Book#** 133N90

Method: GA-538-165 Rev/Mod D-1

Worklist Comment: S-102 FOR IC RTS!

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1	<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1	<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1	<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1	<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1	<1.40e-1		ug/mL
1	CCB			0	@IC-QC	PO4	QC	1	<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1	<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1	<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	5.9e1	6.08e+01	103.051	% Recovery
2	CCV			0	@IC-QC	CL	QC	7.9e1	7.65e+01	96.835	% Recovery
2	CCV			0	@IC-QC	NO2	QC	5.34e2	5.47e+02	102.434	% Recovery
2	CCV			0	@IC-QC	BR	QC	5.75e2	5.81e+02	101.043	% Recovery
2	CCV			0	@IC-QC	NO3	QC	6.14e2	6.16e+02	100.326	% Recovery
2	CCV			0	@IC-QC	PO4	QC	5.46e2	5.21e+02	95.421	% Recovery
2	CCV			0	@IC-QC	SO4	QC	6.31e2	6.31e+02	100.000	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	5.04e2	5.17e+02	102.579	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1	<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1	3.40e-02	0.034	ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1	<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1	<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1	3.81e-01	0.381	ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1	<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1	<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1	<1.05e-1		ug/g
4	SAMPLE	S96T000890		0 W	@IC-01	F-02	SOLID	N/A <	1.550e+02	155.000	ug/g
4	SAMPLE	S96T000890		0 W	@IC-01	CL-02	SOLID	N/A	6.274e+02	202.700	ug/g
4	SAMPLE	S96T000890		0 W	@IC-01	NO2-02	SOLID	N/A	8.794e+03	1276.000	ug/g
4	SAMPLE	S96T000890		0 W	@IC-01	BR-02	SOLID	N/A	3.109e+03	1502.000	ug/g
4	SAMPLE	S96T000890		0 W	@IC-01	NO3-02	SOLID	N/A	4.223e+05	1667.000	ug/g
4	SAMPLE	S96T000890		0 W	@IC-01	PO4-02	SOLID	N/A	9.266e+03	1417.000	ug/g
4	SAMPLE	S96T000890		0 W	@IC-01	SO4-02	SOLID	N/A	4.457e+03	1620.000	ug/g
4	SAMPLE	S96T000890		0 W	@IC-01	OXALATE2	SOLID	N/A	1.659e+03	1252.000	ug/g
5	DUP	S96T000890		0 W	@IC-01	F-02	SOLID	<1.55e2	<1.79e2		RPD
5	DUP	S96T000890		0 W	@IC-01	CL-02	SOLID	6.27e+02	2.29e+03	114.021	RPD
5	DUP	S96T000890		0 W	@IC-01	NO2-02	SOLID	8.79e+03	8.29e+03	5.855	RPD
5	DUP	S96T000890		0 W	@IC-01	BR-02	SOLID	3.11e+03	3.50e+03	11.800	RPD
5	DUP	S96T000890		0 W	@IC-01	NO3-02	SOLID	4.22e+05	3.76e+05	11.529	RPD
5	DUP	S96T000890		0 W	@IC-01	PO4-02	SOLID	9.27e+03	8.64e+03	7.035	RPD
5	DUP	S96T000890		0 W	@IC-01	SO4-02	SOLID	4.46e+03	4.80e+03	7.343	RPD
5	DUP	S96T000890		0 W	@IC-01	OXALATE2	SOLID	1.66e+03	1.46e+03	12.821	RPD
6	SAMPLE	S96T000891		0 W	@IC-01	F-02	SOLID	N/A <	1.592e+02	159.200	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6791

Seq	Type	Sample#	R	A		Test	Matrix	Actual		Found	DL or Yield	Unit
6	SAMPLE	S96T000891	0	W	@IC-01	CL-02	SOLID	N/A		3.455e+03	208.200	ug/g
6	SAMPLE	S96T000891	0	W	@IC-01	NO2-02	SOLID	N/A		3.603e+04	1310.000	ug/g
6	SAMPLE	S96T000891	0	W	@IC-01	BR-02	SOLID	N/A	<	1.543e+03	1543.000	ug/g
6	SAMPLE	S96T000891	0	W	@IC-01	NO3-02	SOLID	N/A		2.681e+05	1713.000	ug/g
6	SAMPLE	S96T000891	0	W	@IC-01	PO4-02	SOLID	N/A		1.308e+04	1456.000	ug/g
6	SAMPLE	S96T000891	0	W	@IC-01	SO4-02	SOLID	N/A		1.082e+04	1664.000	ug/g
6	SAMPLE	S96T000891	0	W	@IC-01	OXALATE2	SOLID	N/A		3.948e+03	1286.000	ug/g
7	DUP	S96T000891	0	W	@IC-01	F-02	SOLID	<1.59e2		<1.82e2		RPD
7	DUP	S96T000891	0	W	@IC-01	CL-02	SOLID	3.46e+03		3.92e+03	12.466	RPD
7	DUP	S96T000891	0	W	@IC-01	NO2-02	SOLID	3.60e+04		4.06e+04	12.010	RPD
7	DUP	S96T000891	0	W	@IC-01	BR-02	SOLID	<1.54e3		<1.76e3		RPD
7	DUP	S96T000891	0	W	@IC-01	NO3-02	SOLID	2.68e+05		3.23e+05	18.613	RPD
7	DUP	S96T000891	0	W	@IC-01	PO4-02	SOLID	1.31e+04		1.55e+04	16.783	RPD
7	DUP	S96T000891	0	W	@IC-01	SO4-02	SOLID	1.08e+04		1.26e+04	15.385	RPD
7	DUP	S96T000891	0	W	@IC-01	OXALATE2	SOLID	3.95e+03		4.98e+03	23.068	RPD
8	SPK	S96T000891	0	W	@IC-01	F-02	SOLID	5.9e1		6.36e+01	107.797	% Recovery
8	SPK	S96T000891	0	W	@IC-01	CL-02	SOLID	7.9e1		7.51e+01	95.063	% Recovery
8	SPK	S96T000891	0	W	@IC-01	NO2-02	SOLID	5.34e2		5.35e+02	100.187	% Recovery
8	SPK	S96T000891	0	W	@IC-01	BR-02	SOLID	5.75e2		5.56e+02	96.696	% Recovery
8	SPK	S96T000891	0	W	@IC-01	NO3-02	SOLID	6.14e2		6.88e+02	112.052	% Recovery
8	SPK	S96T000891	0	W	@IC-01	PO4-02	SOLID	5.46e2		4.88e+02	89.377	% Recovery
8	SPK	S96T000891	0	W	@IC-01	SO4-02	SOLID	6.31e2		6.09e+02	96.513	% Recovery
8	SPK	S96T000891	0	W	@IC-01	OXALATE2	SOLID	5.04e2		5.15e+02	102.183	% Recovery

Final page for worklist# 6791

Analyst Signature **Date**

Analyst Signature **Date**

Fawn M. Fryer 6/18/96
Reviewer Signature **Date**

Validated 6/18/96 FMF

Units shown for QC (BLK/BKG) may not reflect the actual units.

A-0010-IC DATA FILE/WORKLIST RESOLUTION 18-Jun-96

Worklist#: 6791

	Seq	Type	Sample #
=>	1	CCB	
=>	2	CCV	
=>	3	BLNK-PREP	
=>	4	SAMPLE	S96T000890
=>	5	DUP	S96T000890
=>	6	SAMPLE	S96T000891
=>	7	DUP	S96T000891
=>	8	SPK	S96T000891

Data File: 6791MAR.CSV

Seq#	Data File	Sample Name	Dilution
1	96032831.d02	BLANK	1.00
2	96032831.d03	STANDARD 133N9-	101.00
3	96032831.d04	PREP BLANK	1.00
4	96032831.d09	S96T000890	67.67
5	96032831.d10	S96T000890 DU	67.67
6	96032831.d11	S96T000891	67.67
	96032831.d12	S96T000890 DUP	51.00
7	96032831.d14	S96T000891 DUP	67.67
8	96032831.d15	S96T000891 SPIK	67.67

Save(F4) Abort(Shift-F3) ListFiles(Shift-F1) UploadFile(F8)

Data Reprocessed On 06/21/1996 09:23:47 WKL-791

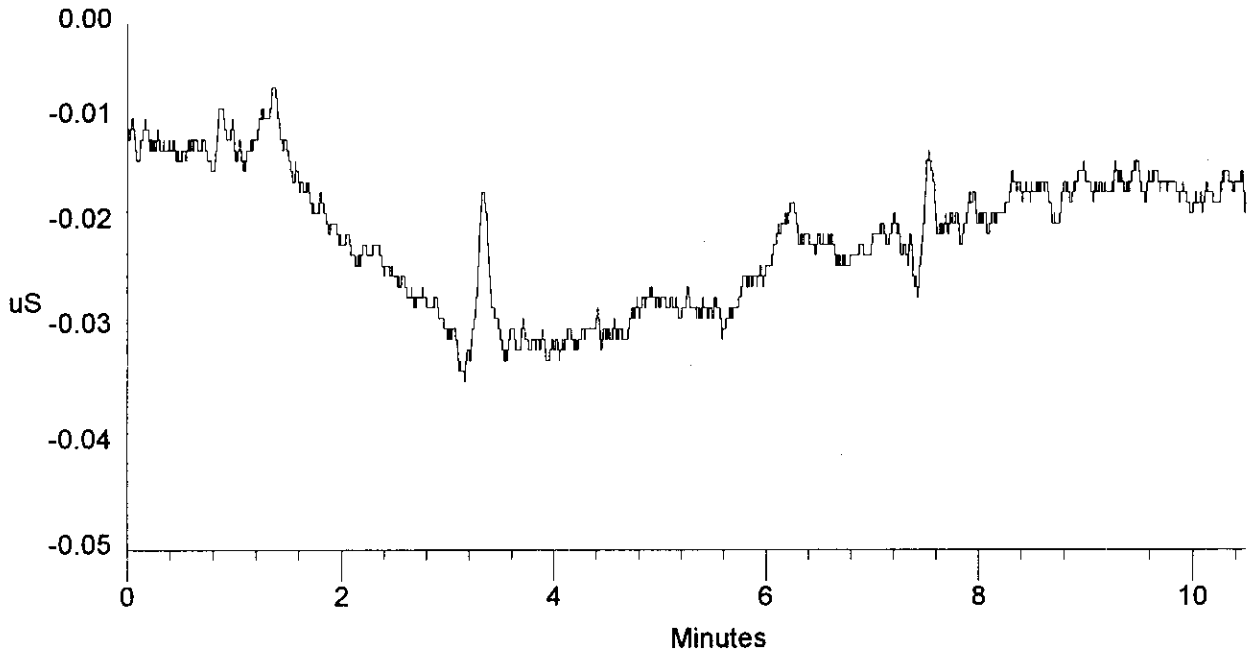
Sample Name: BLANK Date: 03/28/1996 08:58:40
Data File : C:\DX\DATA\96032831.d02 WHC-SD-WM-DP-179, REV. 1
Method : c:\dx\method\kit.met
ACI Address: 1 System: 1 Inject#: 2 Detector:CDM-1
Analyst for SRM 6/1/96 Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
		Totals	0.000	0	0		

File: 96032831.d02 Sample: BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 471 TO 479.

Data Reprocessed On 06/21/1996 09:23:50

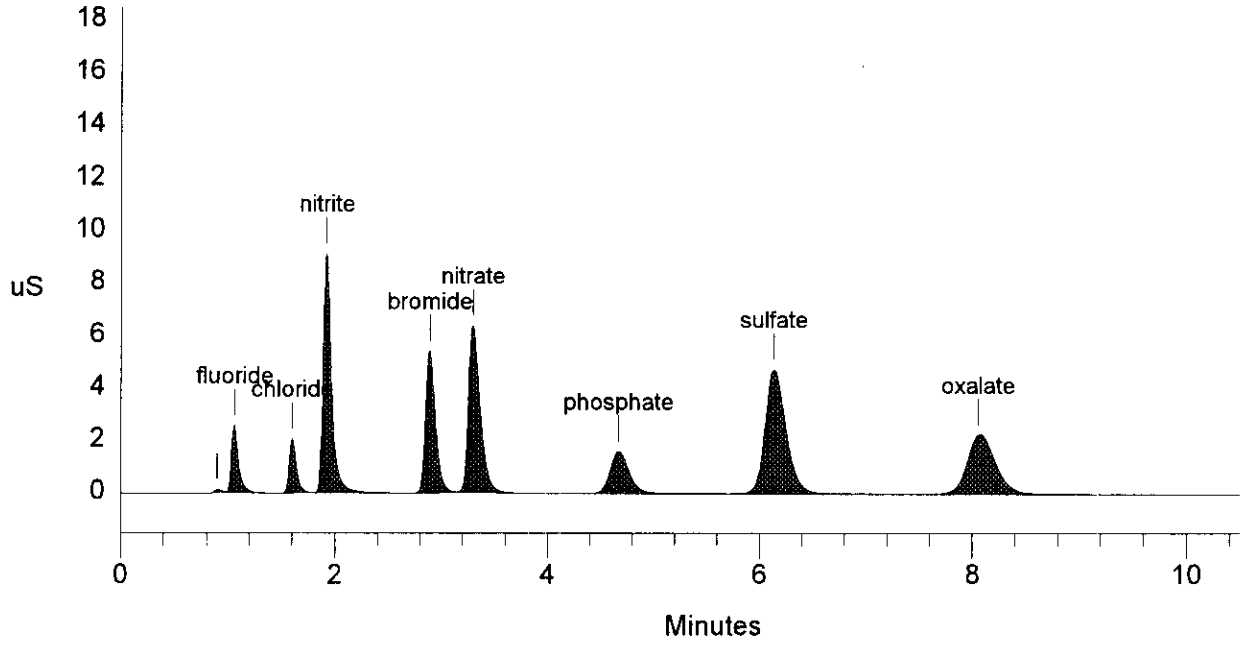
Sample Name: STANDARD 133N9-C	Date: 03/28/1996 09:15:28
Data File : C:\DX\DATA\96032831.d03	WHC-SD-WM-DP-179, REV. 1
Method : c:\dx\method\kit.met	
ACI Address: 1 System: 1 Inject#: 3	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	95	436	2	
2	1.06	fluoride	60.800	2556	11869	2	0.95
3	1.60	chloride	76.502	2077	9505	1	0.00
4	1.92	nitrite	546.511	9130	49387	1	-1.03
5	2.89	bromide	580.836	5418	34721	1	2.61
6	3.29	nitrate	616.318	6353	48258	1	4.88
7	4.67	phosphate	521.417	1615	20750	1	0.00
8	6.13	sulfate	631.449	4743	65071	1	0.88
9	8.05	oxalate	517.397	2250	41763	1	1.34
		Totals	3551.230	34238	281761		

File: 96032831.d03 Sample: STANDARD 133N9-C



Data Reprocessed On 06/21/1996 09:23:54

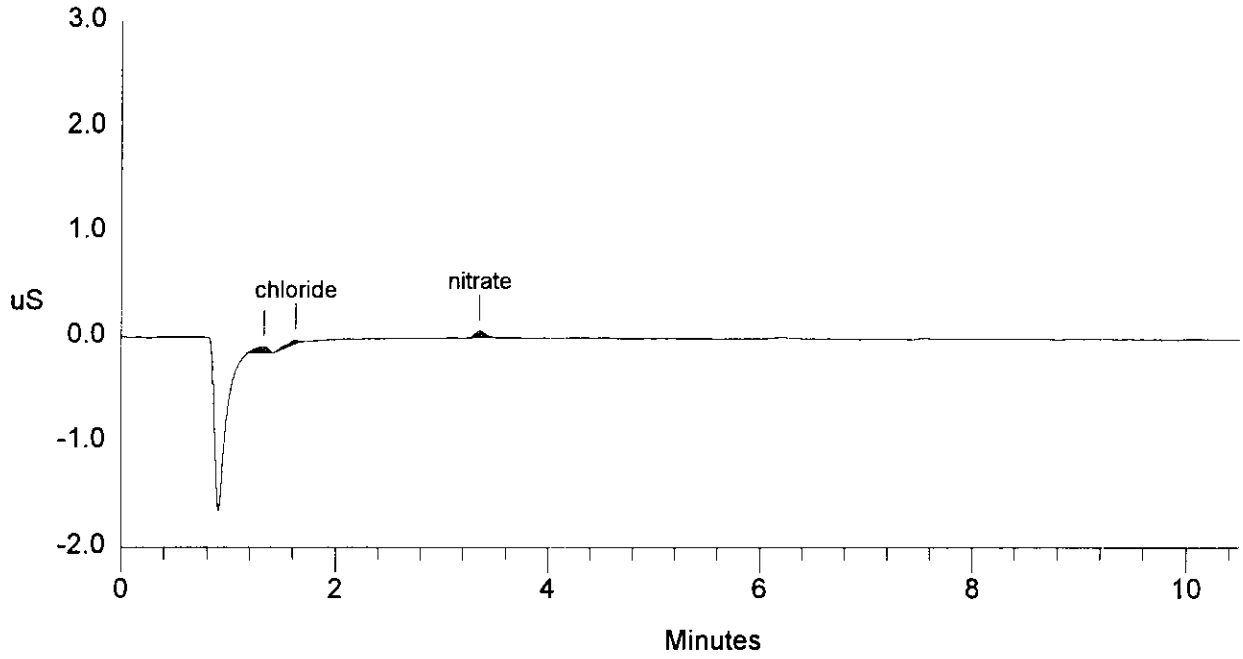
Sample Name: PREP BLANK	Date: 03/28/1996 09:32:36
Data File : C:\DX\DATA\96032831.d04	WHC-SD-WM-DP-179, REV. 1
Method : c:\dx\method\kit.met	
ACI Address: 1 System: 1 Inject#: 4	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.33		0.000	61	518	1	
2	1.63	chloride	0.034	35	309	1	1.67
3	3.35	nitrate	0.381	64	401	1	6.79
		Totals	0.415	159	1228		

File: 96032831.d04 Sample: PREP BLANK



Data Reprocessed On 06/21/1996 09:23:58

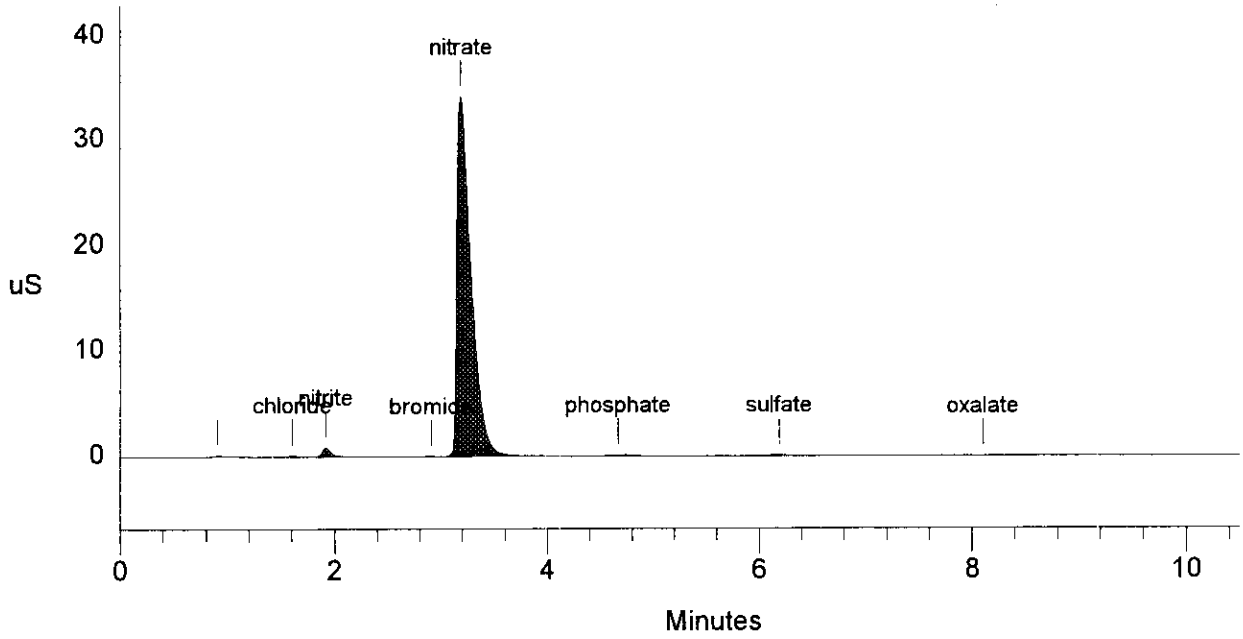
Sample Name: S96T000890	Date: 03/28/1996 12:03:16
Data File : C:\DX\DATA\96032831.d09	WHC-SD-WM-DP-179, REV. I
Method : c:\dx\method\kit.met	
ACI Address: 1 System: 1 Inject#: 9	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	99	494	1	
2	1.61	chloride	3.562	117	547	1	0.42
3	1.92	nitrite	49.926	859	4765	1	-1.03
4	2.91	bromide	17.647	32	166	1	3.32
5	3.19	nitrate	2397.384	34204	315199	1	1.49
6	4.67	phosphate	52.601	137	1779	1	0.00
7	6.19	sulfate	25.300	111	1564	1	1.75
8	8.11	oxalate	9.417	31	594	1	2.01
		Totals	2555.837	35589	325109		

File: 96032831.d09 Sample: S96T000890



Data Reprocessed On 06/21/1996 09:24:01

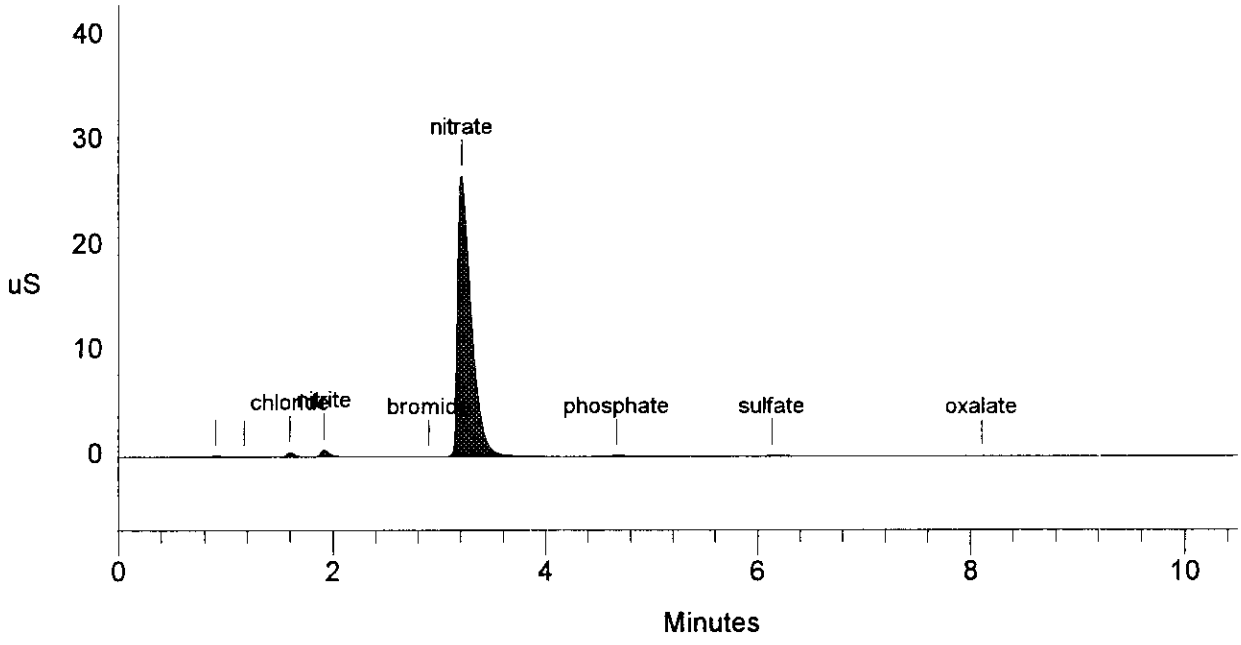
Sample Name: S96T000890 DUP	Date: 03/28/1996 12:19:15
Data File : C:\DX\DATA\96032831.d10	
Method : c:\dx\method\kit.met	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 10	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	86	484	1	
2	1.17		0.000	30	127	1	
3	1.60	chloride	11.263	433	1979	1	0.00
4	1.92	nitrite	40.837	648	3493	1	-1.03
5	2.90	bromide	17.224	26	127	1	3.08
6	3.21	nitrate	1851.747	26689	237688	1	2.12
7	4.67	phosphate	42.554	94	1142	1	0.00
8	6.13	sulfate	23.659	80	1306	1	0.88
9	8.11	oxalate	7.212	20	327	1	2.01
		Totals	1994.496	28106	246674		

File: 96032831.d10 Sample: S96T000890 DUP



Data Reprocessed On 06/21/1996 09:24:05

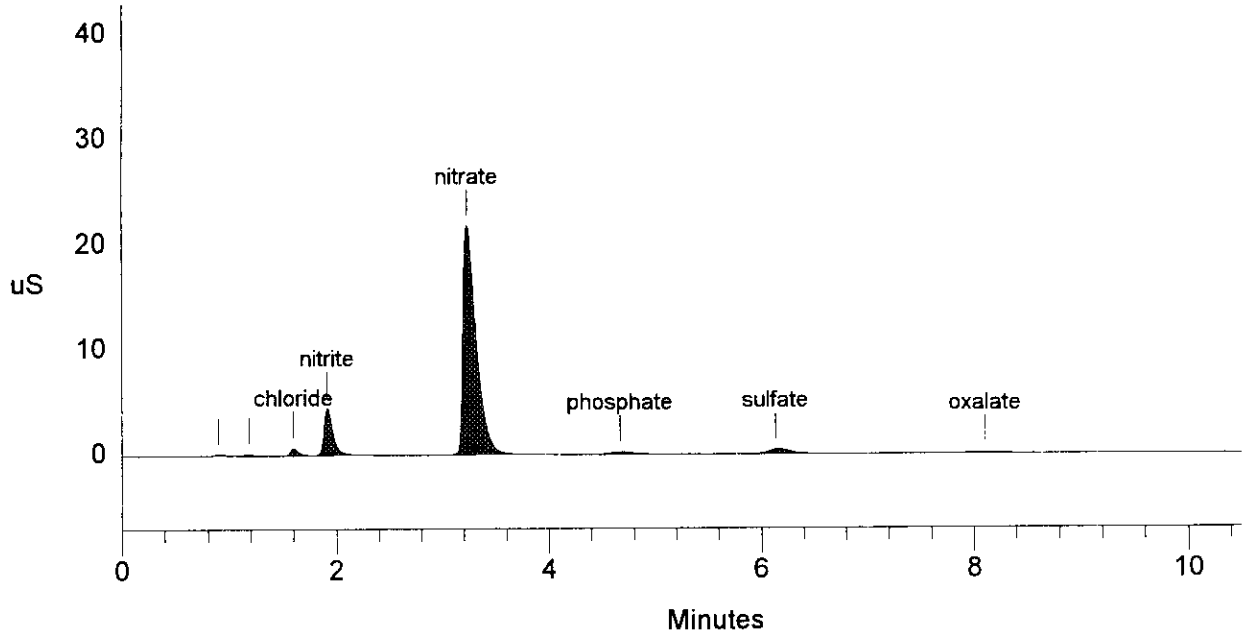
Sample Name: S96T000891 Date: 03/28/1996 12:32:08
Data File : C:\DX\DATA\96032831.d11 WHC-SD-WM-DP-179, REV. 1
Method : c:\dx\method\kit.met
ACI Address: 1 System: 1 Inject#: 11 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	125	762	2	
2	1.18		0.000	125	1027	2	
3	1.60	chloride	19.098	716	3442	1	0.00
4	1.91	nitrite	199.115	4501	25727	1	-1.37
5	3.23	nitrate	1481.682	21817	187038	1	2.76
6	4.67	phosphate	72.303	228	3030	1	0.00
7	6.13	sulfate	59.793	445	6994	1	0.88
8	8.11	oxalate	21.819	116	2097	1	2.01
		Totals	1853.809	28072	230117		

File: 96032831.d11 Sample: S96T000891



Data Reprocessed On 06/21/1996 09:24:09

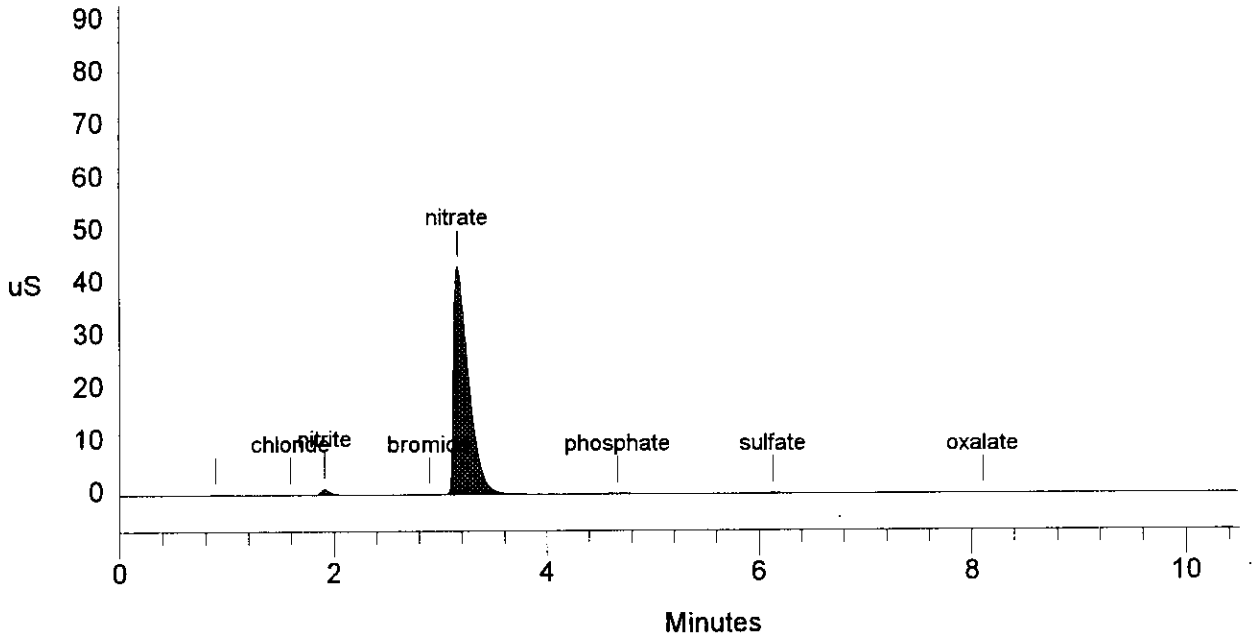
Sample Name: S96T000890 DUP
Date: 03/28/1996 13:37:47
Data File : C:\DX\DATA\96032831.d12
WHC-SD-WM-DP-179, REV. 1
Method : c:\dx\method\kit.met
ACI Address: 1 System: 1 Inject#: 12 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	51	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	158	1012	1	
2	1.59	chloride	3.307	149	700	1	-0.42
3	1.91	nitrite	43.765	1102	5906	1	-1.37
4	2.89	bromide	13.928	45	242	1	2.84
5	3.16	nitrate	2338.379	43298	421147	1	0.64
6	4.67	phosphate	45.336	174	2258	1	0.00
7	6.13	sulfate	21.007	123	1969	1	0.88
8	8.11	oxalate	6.945	36	570	1	2.01
		Totals	2472.667	45084	433804		

File: 96032831.d12 Sample: S96T000890 DUP



Data Reprocessed On 06/21/1996 09:24:13

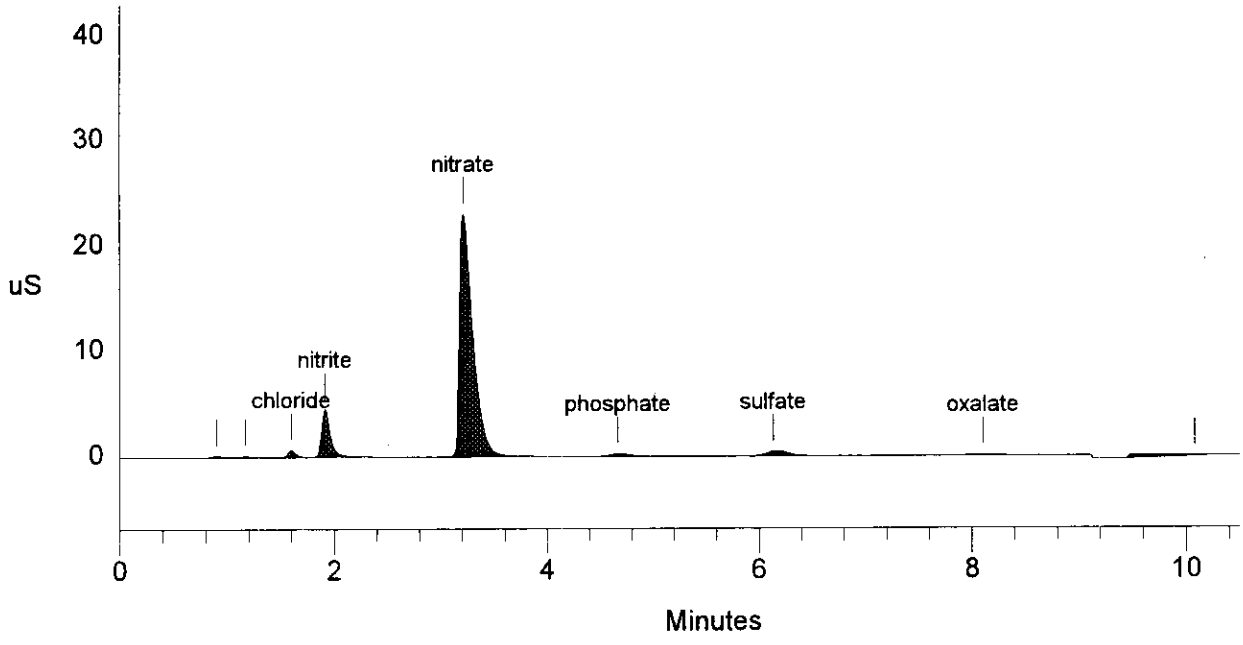
Sample Name: S96T000891 DUP
Date: 03/28/1996 14:11:09
Data File : C:\DX\DATA\96032831.d14
Method : c:\dx\method\kit.met
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 14
Detector:CDM-1
Analyst :
Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	128	807	2	
2	1.17		0.000	127	1159	2	
3	1.60	chloride	18.984	708	3420	1	0.00
4	1.91	nitrite	196.157	4508	25310	1	-1.37
5	3.21	nitrate	1563.922	23038	198169	1	2.34
6	4.67	phosphate	74.925	239	3196	1	0.00
7	6.13	sulfate	60.991	462	7183	1	0.88
8	8.11	oxalate	24.072	123	2370	1	2.01
9	10.08		0.000	87	8228	1	
		Totals	1939.052	29422	249842		

File: 96032831.d14 Sample: S96T000891 DUP



Data Reprocessed On 06/21/1996 09:24:16

Sample Name: S96T000891 SPIKE Date: 03/28/1996 14:26:07
Data File : C:\DX\DATA\96032831.d15
Method : c:\dx\method\kit.met
ACI Address: 1 System: 1 Inject#: 15 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

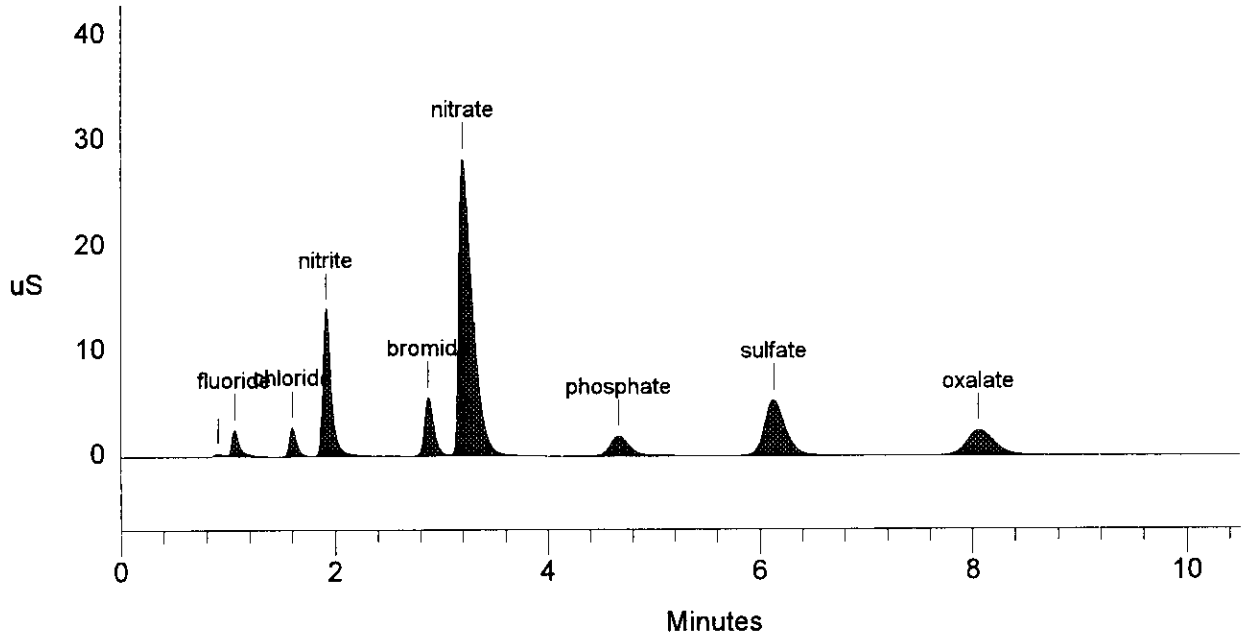
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	181	868	2	
2	1.06	fluoride	42.400	2510	12373	2	0.95
3	1.60	chloride	69.201	2773	12932	1	0.00
4	1.91	nitrite	556.027	13950	76526	1	-1.37
5	2.87	bromide	370.652	5545	32969	1	2.13
6	3.20	nitrate	1940.126	28129	250005	1	1.91
7	4.67	phosphate	397.798	1897	23875	1	0.00
8	6.13	sulfate	465.540	5300	71972	1	0.88
9	8.05	oxalate	364.876	2404	44006	1	1.34
		Totals	4206.620	62690	525526		

File: 96032831.d15 Sample: S96T000891 SPIKE



96035031-DU1 JV1

LABCORE Data Entry Template for Worklist# 6792

Analyst: JLF **Instrument:** IC00 **Book#** 133N9-C

Method: LA-533-105 Rev/Mod D-1 WHC-SD-WM-DP-179, REV. 1

Worklist Comment: S-102 FOR IC RTS!

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000892	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000892	0	W	@IC-01	SOLID		
6	SAMPLE	S96T000893	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
7	DUP	S96T000893	0	W	@IC-01	SOLID		

Final page for worklist # 6792

Jessie Husby 3-30-96

Analyst Signature **Date** **Analyst Signature** **Date**

Exported
Tasks
Uploaded 4/9/96

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6792

Analyst: jlf **Instrument:** IC01 **Book#** 1331/90

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC RTS!

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		<1.40e-1		ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		5.95e+01	100.847	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		7.58e+01	95.949	% Recovery
2	CCV			0	@IC-QC	NO2	QC	534		5.38e+02	100.749	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		5.70e+02	99.130	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		6.17e+02	100.489	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.35e+02	97.985	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		6.28e+02	99.525	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	504		5.18e+02	102.778	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1		<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1		<1.70e-2		ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1		<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1		<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1		<1.40e-1		ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1		<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1		<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1		<1.05e-1		ug/g
4	SAMPLE	S96T000892	0	W	@IC-01	F-02	SOLID	N/A	<	1.895e+02	189.500	ug/g
4	REJECT	S96T000892	0	W	@IC-01	F-02	SOLID	N/A	<	1.895e+02		ug/g
4	SAMPLE	S96T000892	0	W	@IC-01	CL-02	SOLID	N/A		2.682e+03	247.800	ug/g
4	REJECT	S96T000892	0	W	@IC-01	CL-02	SOLID	N/A		2.682e+03		ug/g
4	SAMPLE	S96T000892	0	W	@IC-01	NO2-02	SOLID	N/A		2.689e+04	1560.000	ug/g
4	REJECT	S96T000892	0	W	@IC-01	NO2-02	SOLID	N/A		2.689e+04		ug/g
4	SAMPLE	S96T000892	0	W	@IC-01	BR-02	SOLID	N/A	<	1.837e+03	1837.000	ug/g
4	REJECT	S96T000892	0	W	@IC-01	BR-02	SOLID	N/A	<	1.837e+03		ug/g
4	SAMPLE	S96T000892	0	W	@IC-01	NO3-02	SOLID	N/A		5.937e+05	2040.000	ug/g
4	REJECT	S96T000892	0	W	@IC-01	NO3-02	SOLID	N/A		5.937e+05		ug/g
4	SAMPLE	S96T000892	0	W	@IC-01	PO4-02	SOLID	N/A	<	1.733e+03	1733.000	ug/g
4	REJECT	S96T000892	0	W	@IC-01	PO4-02	SOLID	N/A	<	1.733e+03		ug/g
4	REJECT	S96T000892	0	W	@IC-01	PO4-02	SOLID	N/A	<	1.748e+03		ug/g
4	SAMPLE	S96T000892	0	W	@IC-01	SO4-02	SOLID	N/A		5.311e+03	1981.000	ug/g
4	REJECT	S96T000892	0	W	@IC-01	SO4-02	SOLID	N/A		5.311e+03		ug/g
4	SAMPLE	S96T000892	0	W	@IC-01	OXALATE2	SOLID	N/A		2.227e+03	1531.000	ug/g
4	REJECT	S96T000892	0	W	@IC-01	OXALATE2	SOLID	N/A		2.227e+03		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6792

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
5	DUP	S96T000892	0	W	@IC-01	F-02	SOLID	<1.90e2	<1.82e2		RPD
5	DUP	S96T000892	0	W	@IC-01	CL-02	SOLID	2.68e+03	2.53e+03	5.758	RPD
5	DUP	S96T000892	0	W	@IC-01	NO2-02	SOLID	2.69e+04	2.52e+04	6.526	RPD
5	DUP	S96T000892	0	W	@IC-01	BR-02	SOLID	<1.84e3	<1.77e3		RPD
5	DUP	S96T000892	0	W	@IC-01	NO3-02	SOLID	5.94e+05	5.88e+05	1.015	RPD
5	DUP	S96T000892	0	W	@IC-01	PO4-02	SOLID	<1.73e3	<1.67e3		RPD
5	DUP	S96T000892	0	W	@IC-01	SO4-02	SOLID	5.31e+03	5.26e+03	0.946	RPD
5	DUP	S96T000892	0	W	@IC-01	OXALATE2	SOLID	2.23e+03	2.34e+03	4.814	RPD
6	SAMPLE	S96T000893	0	W	@IC-01	F-02	SOLID	N/A	4.447e+02	104.700	ug/g
6	REJECT	S96T000893	0	W	@IC-01	F-02	SOLID	N/A	4.447e+02		ug/g
6	SAMPLE	S96T000893	0	W	@IC-01	CL-02	SOLID	N/A	5.023e+03	136.900	ug/g
6	REJECT	S96T000893	0	W	@IC-01	CL-02	SOLID	N/A	5.023e+03		ug/g
6	SAMPLE	S96T000893	0	W	@IC-01	NO2-02	SOLID	N/A	4.958e+04	861.400	ug/g
6	REJECT	S96T000893	0	W	@IC-01	NO2-02	SOLID	N/A	4.958e+04		ug/g
6	SAMPLE	S96T000893	0	W	@IC-01	BR-02	SOLID	N/A	2.814e+03	1014.000	ug/g
6	REJECT	S96T000893	0	W	@IC-01	BR-02	SOLID	N/A	2.814e+03		ug/g
6	SAMPLE	S96T000893	0	W	@IC-01	NO3-02	SOLID	N/A	2.683e+05	1126.000	ug/g
6	REJECT	S96T000893	0	W	@IC-01	NO3-02	SOLID	N/A	2.683e+05		ug/g
6	SAMPLE	S96T000893	0	W	@IC-01	PO4-02	SOLID	N/A	1.368e+04	957.400	ug/g
6	REJECT	S96T000893	0	W	@IC-01	PO4-02	SOLID	N/A	1.368e+04		ug/g
6	SAMPLE	S96T000893	0	W	@IC-01	SO4-02	SOLID	N/A	1.137e+04	1094.000	ug/g
6	REJECT	S96T000893	0	W	@IC-01	SO4-02	SOLID	N/A	1.137e+04		ug/g
6	SAMPLE	S96T000893	0	W	@IC-01	OXALATE2	SOLID	N/A	5.586e+03	845.400	ug/g
6	REJECT	S96T000893	0	W	@IC-01	OXALATE2	SOLID	N/A	5.586e+03		ug/g
7	DUP	S96T000893	0	W	@IC-01	F-02	SOLID	4.45e+02	<1.03e2		RPD
7	DUP	S96T000893	0	W	@IC-01	CL-02	SOLID	5.02e+03	4.99e+03	0.599	RPD
7	DUP	S96T000893	0	W	@IC-01	NO2-02	SOLID	4.96e+04	5.06e+04	1.996	RPD
7	DUP	S96T000893	0	W	@IC-01	BR-02	SOLID	2.81e+03	2.82e+03	0.355	RPD
7	DUP	S96T000893	0	W	@IC-01	NO3-02	SOLID	2.68e+05	2.70e+05	0.743	RPD
7	DUP	S96T000893	0	W	@IC-01	PO4-02	SOLID	1.37e+04	1.21e+04	12.403	RPD
7	DUP	S96T000893	0	W	@IC-01	SO4-02	SOLID	1.14e+04	1.21e+04	5.957	RPD
7	DUP	S96T000893	0	W	@IC-01	OXALATE2	SOLID	5.59e+03	5.50e+03	1.623	RPD

Final page for worklist# 6792

Analyst Signature Date

Analyst Signature Date

James M. Frye 4/19/96
Reviewer Signature Date

Re uploaded to correct program problem.
JMF

Units shown for QC (BLK/BKG) may not reflect the actual units.

Data Reprocessed On 04/02/1996 16:02:30

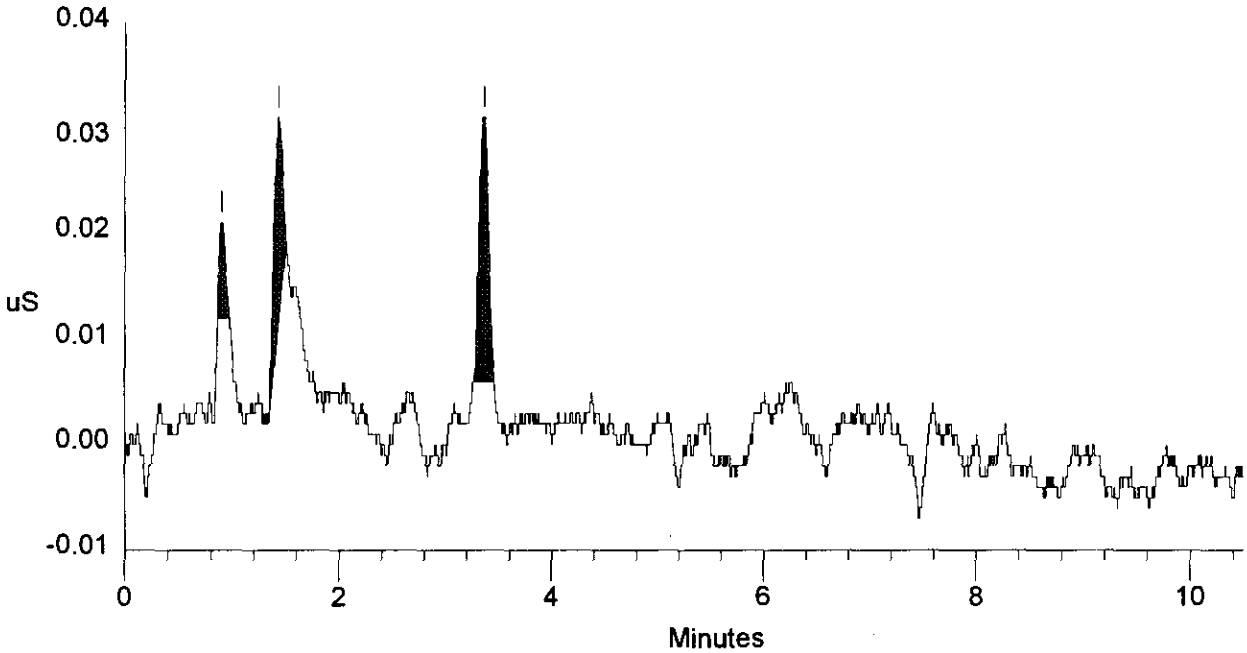
Sample Name: BLANK
Date: 03/30/1996 11:40:04
Data File : C:\DX\DATA\96033031.d08
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 8
Detector:CDM-1
Analyst : JM Lewis for DLJ 6/19/96
Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	1.43		0.000	20	107	1	
3	3.37		0.000	25	152	1	
		Totals	0.000	45	259		

File: 96033031.d08 Sample: BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 483 TO 490.

Data Reprocessed On 04/02/1996 16:02:34

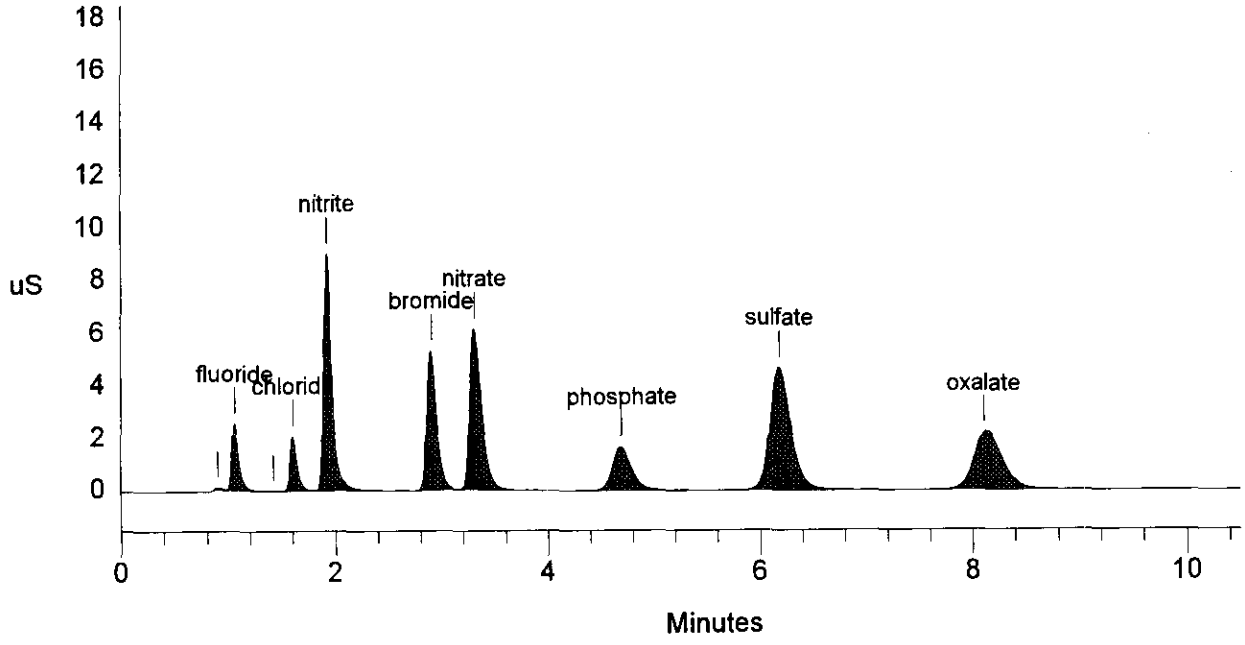
Sample Name: 133N9-C STD	Date: 03/30/1996 11:53:18
Data File : C:\DX\DATA\96033031.d09	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 9	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	95	431	2	
2	1.06	fluoride	59.469	2541	11600	2	0.95
4	1.61	chloride	75.843	2084	9421	1	0.42
5	1.93	nitrite	538.271	9018	48602	1	-0.69
6	2.90	bromide	570.061	5326	34037	1	3.08
7	3.31	nitrate	616.775	6160	48296	1	5.31
8	4.69	phosphate	534.515	1679	21316	1	0.57
9	6.19	sulfate	627.980	4702	64694	1	1.75
10	8.11	oxalate	517.568	2167	41777	1	2.01
		Totals	3540.481	33773	280176		

File: 96033031.d09 Sample: 133N9-C STD



Data Reprocessed On 04/02/1996 16:02:37

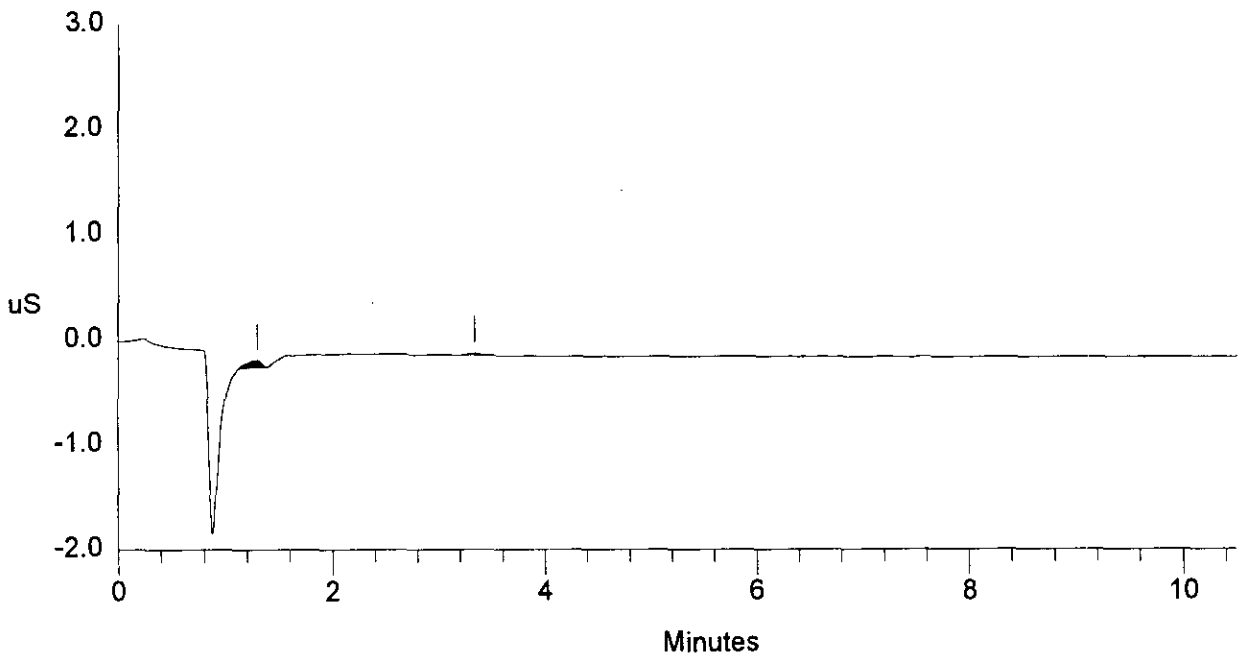
Sample Name: BLANK PREP	Date: 03/30/1996 14:19:45
Data File : C:\DX\DATA\96033031.d10	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 10	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.30		0.000	68	634	1	
		Totals	0.000	68	634		

File: 96033031.d10 Sample: BLANK PREP



Data Reprocessed On 04/02/1996 16:02:41

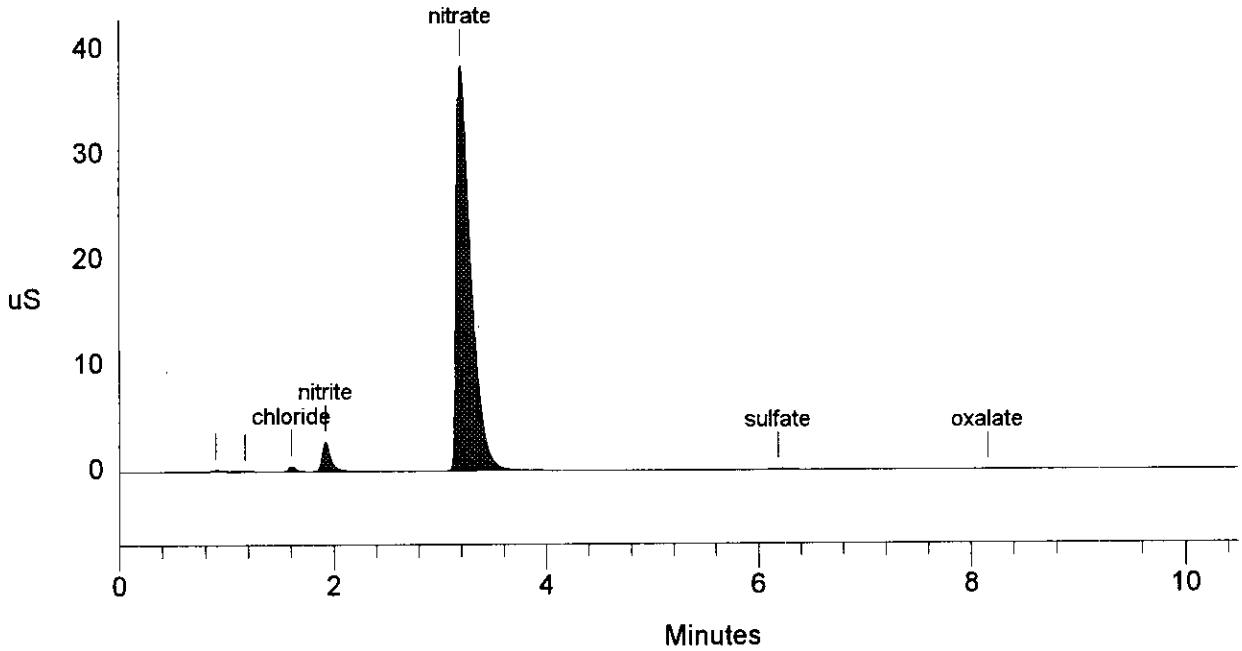
Sample Name: S96T000892 SAM Date: 03/30/1996 14:35:55
Data File : C:\DX\DATA\96033031.d11 WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 11 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	67.67	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	154	931	2	
2	1.17		0.000	64	411	2	
3	1.61	chloride	12.448	490	2200	1	0.42
4	1.93	nitrite	124.823	2801	15269	1	-0.69
5	3.19	nitrate	2755.738	38447	368150	1	1.70
6	6.19	sulfate	24.653	95	1463	1	1.75
7	8.16	oxalate	10.340	37	706	1	2.68
		Totals	2928.003	42088	389130		

File: 96033031.d11 Sample: S96T000892 SAM



Data Reprocessed On 04/02/1996 16:02:44

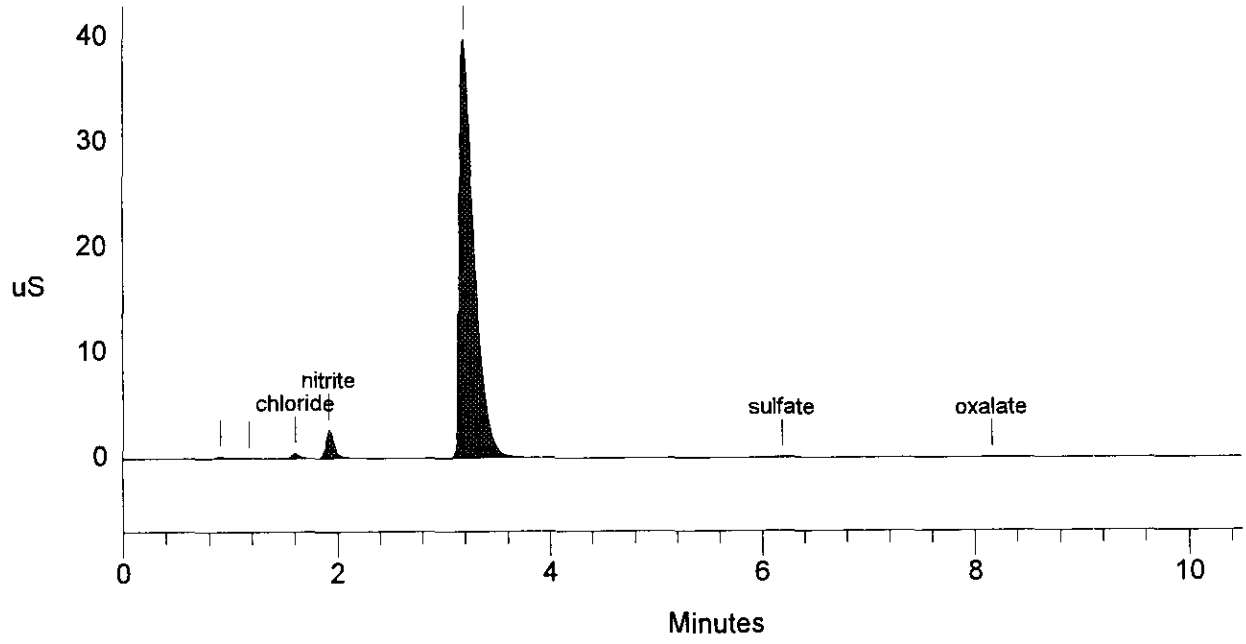
Sample Name: S96T000892 DUP Date: 03/30/1996 14:50:06
Data File : C:\DX\DATA\96033031.d12 WHC-SD-WM-DP-179, REV. /
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 12 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	153	889	1	
2	1.17		0.000	42	187	1	
3	1.61	chloride	12.229	479	2159	1	0.42
4	1.92	nitrite	121.509	2678	14804	1	-1.03
5	3.19	nitrate	2841.033	39805	381014	1	1.49
6	6.19	sulfate	25.407	98	1581	1	1.75
7	8.16	oxalate	11.287	40	821	1	2.68
		Totals	3011.465	43296	401455		

File: 96033031.d12 Sample: S96T000892 DUP



Data Reprocessed On 04/02/1996 16:02:55

Sample Name: S96T000893 SAM Date: 03/30/1996 15:31:31
Data File : C:\DX\DATA\96033031.d15
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 15 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

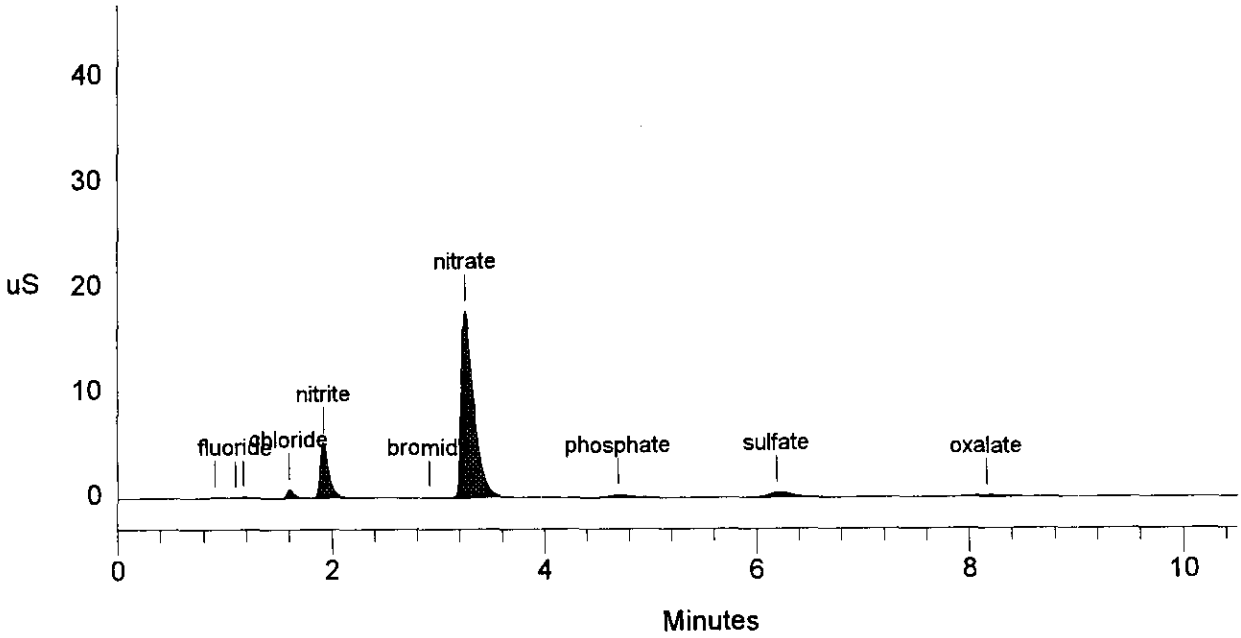
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	67.67	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	86	463	2	
2	1.10	fluoride	2.252	88	403	2	4.76
3	1.17		0.000	145	987	2	
4	1.60	chloride	22.737	839	4123	1	0.00
5	1.92	nitrite	228.773	5167	29913	1	-1.03
6	2.91	bromide	19.665	63	350	1	3.55
7	3.25	nitrate	1194.857	17816	148752	1	3.61
8	4.69	phosphate	73.435	237	3102	1	0.57
9	6.19	sulfate	61.020	462	7187	1	1.75
10	8.16	oxalate	28.426	147	2898	1	2.68
		Totals	1631.165	25052	198178		

File: 96033031.d15 Sample: S96T000893 SAM



Data Reprocessed On 04/02/1996 16:02:59

Sample Name: S96T000893 SAM Date: 03/30/1996 15:43:58
Data File : C:\DX\DATA\96033031.d16
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 16 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

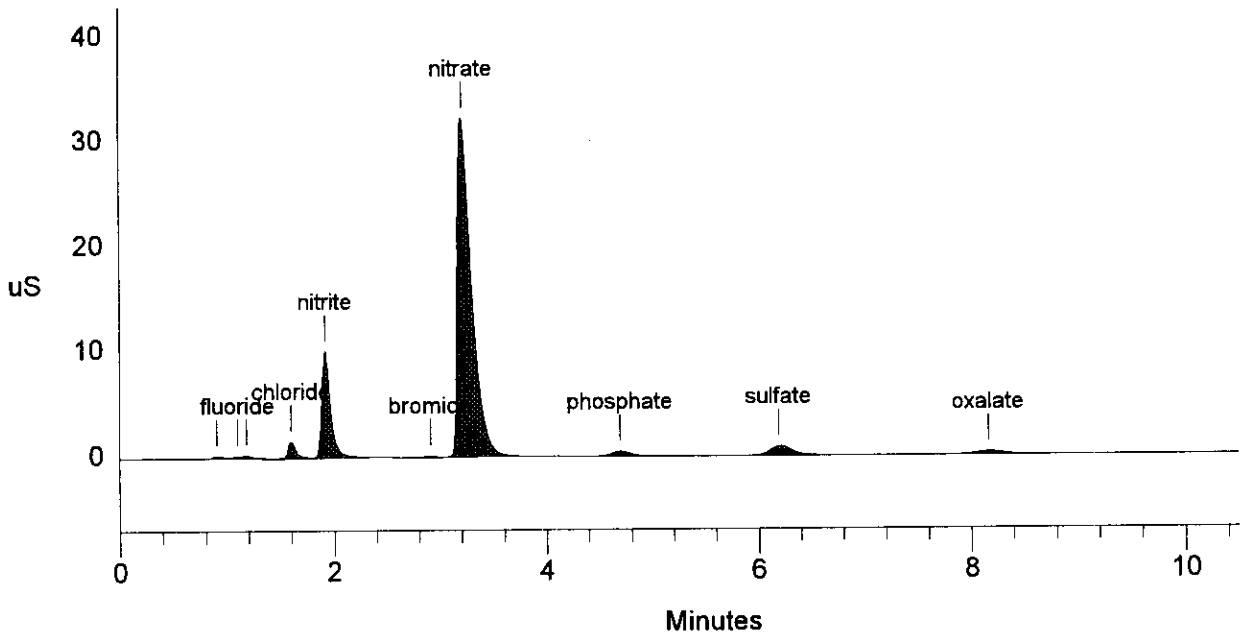
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	41	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	181	1030	2	
2	1.10	fluoride	2.265	176	841	2	4.76
3	1.18		0.000	295	2020	2	
4	1.60	chloride	25.580	1547	7791	1	0.00
5	1.92	nitrite	252.486	10043	56588	1	-1.03
6	2.91	bromide	14.333	127	715	1	3.32
7	3.21	nitrate	1366.572	32251	294699	1	2.12
8	4.69	phosphate	69.679	447	5745	1	0.57
9	6.19	sulfate	57.925	866	12646	1	1.75
10	8.16	oxalate	28.447	277	5145	1	2.68
		Totals	1817.287	46210	387220		

File: 96033031.d16 Sample: S96T000893 SAM



Data Reprocessed On 04/02/1996 16:03:03

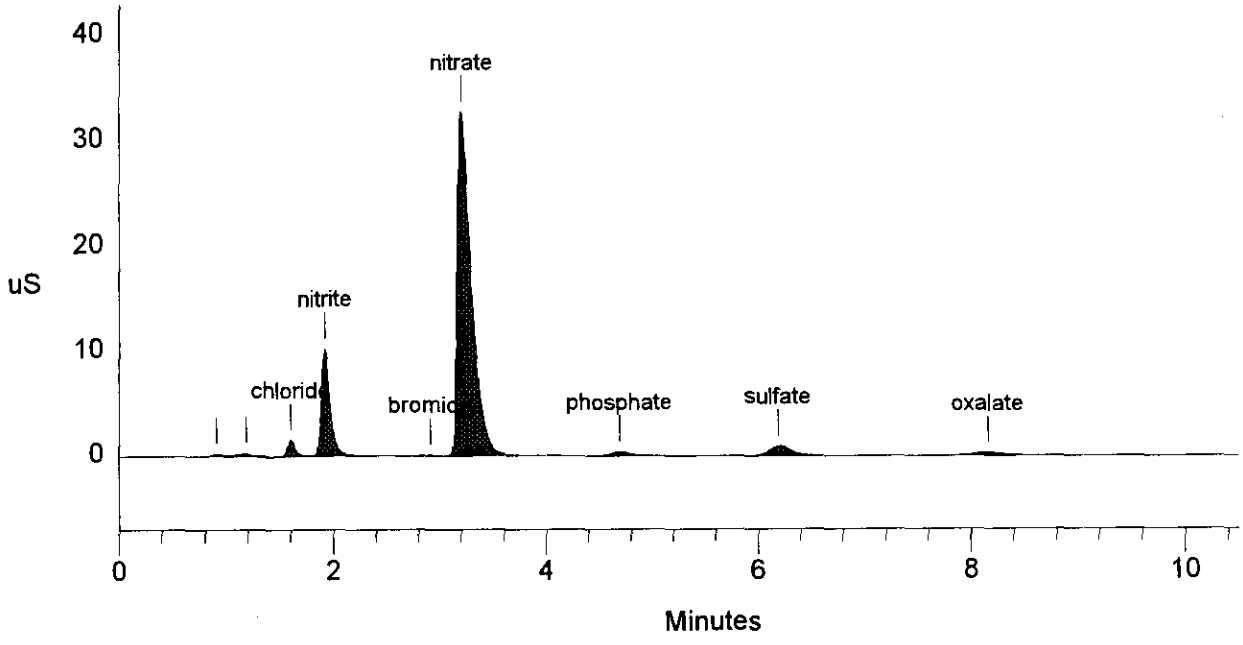
Sample Name: S96T000893 DUP	Date: 03/30/1996 15:59:05
Data File : C:\DX\DATA\96033031.d17	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 17	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	41	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	199	1195	2	
2	1.18		0.000	292	2569	2	
3	1.60	chloride	25.731	1574	7839	1	0.00
4	1.92	nitrite	260.859	10263	58560	1	-1.03
5	2.91	bromide	14.554	132	748	1	3.32
6	3.20	nitrate	1391.717	32685	300670	1	1.91
7	4.69	phosphate	62.569	397	4998	1	0.57
8	6.19	sulfate	62.578	908	13860	1	1.75
9	8.16	oxalate	28.333	280	5122	1	2.68
		Totals	1846.342	46730	395560		

File: 96033031.d17 Sample: S96T000893 DUP



LABCORE Data Entry Template for Worklist# 6793

Analyst: KRQ **Instrument:** IC00 IC01 **Book#** 133N9-A

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC nds

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000894	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000894	0	W	@IC-01	SOLID		
6	SAMPLE	S96T000895	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
7	DUP	S96T000895	0	W	@IC-01	SOLID		

Final page for worklist # 6793

Joel Smith for KRQ 4/2/96
Analyst Signature **Date**

Analyst Signature **Date**

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

WHC-SD-WM-DP-179, REV. 1

LABCORE Completed Worklist Report for Worklist# 6793

Analyst: krq **Instrument:** IC01 **Book#** 133N9A

Method: LA-533-164 Rev/Mod D-1

Worklist Comment: S-102 FOR IC nds

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1	<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1	<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1	<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1	<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1	3.54e-01	0.354	ug/mL
1	CCB			0	@IC-QC	PO4	QC	1	<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1	<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1	<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59	5.97e+01	101.186	% Recovery
2	CCV			0	@IC-QC	CL	QC	79	7.64e+01	96.709	% Recovery
2	CCV			0	@IC-QC	NO2	QC	537	5.33e+02	99.255	% Recovery
2	CCV			0	@IC-QC	BR	QC	575	5.77e+02	100.348	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614	6.10e+02	99.349	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546	5.41e+02	99.084	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631	5.71e+02	90.491	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	509	5.34e+02	104.912	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1	<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1	3.20e-02	0.032	ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1	<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1	<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1	<1.40e-1		ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1	<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1	<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1	<1.05e-1		ug/g
4	SAMPLE	S96T000894	W	0	@IC-01	F-02	SOLID	N/A	4.469e+02	108.000	ug/g
4	SAMPLE	S96T000894	W	0	@IC-01	CL-02	SOLID	N/A	4.299e+03	141.200	ug/g
4	SAMPLE	S96T000894	W	0	@IC-01	NO2-02	SOLID	N/A	4.414e+04	889.300	ug/g
4	SAMPLE	S96T000894	W	0	@IC-01	BR-02	SOLID	N/A	2.548e+03	1047.000	ug/g
4	SAMPLE	S96T000894	W	0	@IC-01	NO3-02	SOLID	N/A	3.460e+05	1162.000	ug/g
4	SAMPLE	S96T000894	W	0	@IC-01	PO4-02	SOLID	N/A	1.092e+04	988.100	ug/g
4	REJECT	S96T000894	W	0	@IC-01	SO4-02	SOLID	N/A	7.924e+03		ug/g
4	SAMPLE	S96T000894	W	0	@IC-01	OXALATE2	SOLID	N/A	4.800e+03	872.500	ug/g
5	DUP	S96T000894	W	0	@IC-01	F-02	SOLID	4.47e+02	5.09e+02	12.971	RPD
5	DUP	S96T000894	W	0	@IC-01	CL-02	SOLID	4.30e+03	9.82e+03	78.187	RPD
5	DUP	S96T000894	W	0	@IC-01	NO2-02	SOLID	4.41e+04	4.34e+04	1.600	RPD
5	DUP	S96T000894	W	0	@IC-01	BR-02	SOLID	2.55e+03	2.65e+03	3.846	RPD
5	DUP	S96T000894	W	0	@IC-01	NO3-02	SOLID	3.46e+05	3.54e+05	2.286	RPD
5	DUP	S96T000894	W	0	@IC-01	PO4-02	SOLID	1.09e+04	9.69e+03	11.753	RPD
5	DUP	S96T000894	W	0	@IC-01	SO4-02	SOLID	7.92e+03	8.34e+03	5.166	RPD
5	DUP	S96T000894	W	0	@IC-01	OXALATE2	SOLID	4.80e+03	4.53e+03	5.788	RPD
6	SAMPLE	S96T000895	W	0	@IC-01	F-02	SOLID	N/A	1.581e+03	105.500	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6793

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
6	SAMPLE	S96T000895	0	W	@IC-01	CL-02	SOLID	N/A		5.776e+03	137.900	ug/g
6	SAMPLE	S96T000895	0	W	@IC-01	NO2-02	SOLID	N/A		5.687e+04	868.000	ug/g
6	SAMPLE	S96T000895	0	W	@IC-01	BR-02	SOLID	N/A	<	1.022e+03	1022.000	ug/g
6	SAMPLE	S96T000895	0	W	@IC-01	NO3-02	SOLID	N/A		1.386e+05	1135.000	ug/g
6	SAMPLE	S96T000895	0	W	@IC-01	PO4-02	SOLID	N/A		5.049e+04	964.700	ug/g
6	REJECT	S96T000895	0	W	@IC-01	SO4-02	SOLID	N/A		5.145e+03		ug/g
6	SAMPLE	S96T000895	0	W	@IC-01	OXALATE2	SOLID	N/A		1.240e+04	852.000	ug/g
7	DUP	S96T000895	0	W	@IC-01	F-02	SOLID	1.58e+03		1.45e+03	8.581	RPD
7	DUP	S96T000895	0	W	@IC-01	CL-02	SOLID	5.78e+03		5.61e+03	2.985	RPD
7	DUP	S96T000895	0	W	@IC-01	NO2-02	SOLID	5.69e+04		5.62e+04	1.238	RPD
7	DUP	S96T000895	0	W	@IC-01	BR-02	SOLID	<1.02e3		<9.71e2		RPD
7	DUP	S96T000895	0	W	@IC-01	NO3-02	SOLID	1.39e+05		1.59e+05	13.423	RPD
7	DUP	S96T000895	0	W	@IC-01	PO4-02	SOLID	5.05e+04		4.80e+04	5.076	RPD
7	DUP	S96T000895	0	W	@IC-01	SO4-02	SOLID	5.14e+03		4.94e+03	3.968	RPD
7	DUP	S96T000895	0	W	@IC-01	OXALATE2	SOLID	1.24e+04		1.27e+04	2.390	RPD

Comments Section:

Comments for sample# S96T000894 **and test** @IC-01 .

Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds

Comments for sample# S96T000895 **and test** @IC-01 .

Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds

Final page for worklist# 6793

Analyst Signature **Date** **Analyst Signature** **Date**

Jane M. Fuge 4/22/96
Reviewer Signature **Date**

Reprocessed to correct program problem. JMF

Units shown for QC (BLK/BKG) may not reflect the actual units.

Data Reprocessed On 03/21/1996 15:49:53

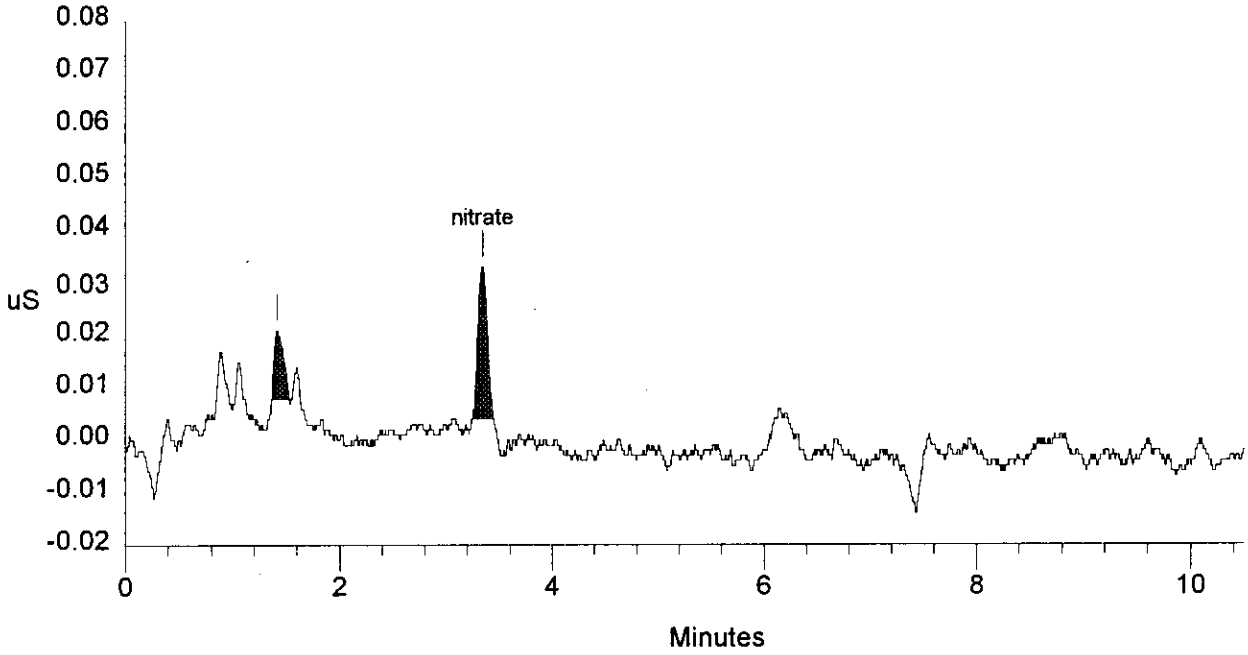
Sample Name: CCB Date: 03/21/1996 10:28:32
Data File : C:\DX\DATA\96032121.d01
Method : C:\DX\METHOD\KIT.MET WHO-SOP-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 1 Detector:CDM-1
Analyst : V. Smith 9/2/96 Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	3.35	nitrate	0.354	29	177	1	6.58
		Totals	0.354	29	177		

File: 96032121.d01 Sample: CCB



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 494 TO 500.

Data Reprocessed On 03/21/1996 15:49:56

Sample Name: CCV 133N9-A Date: 03/21/1996 10:41:06
Data File : C:\DX\DATA\96032121.d02
Method : C:\DX\METHOD\KIT.MET WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 2 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

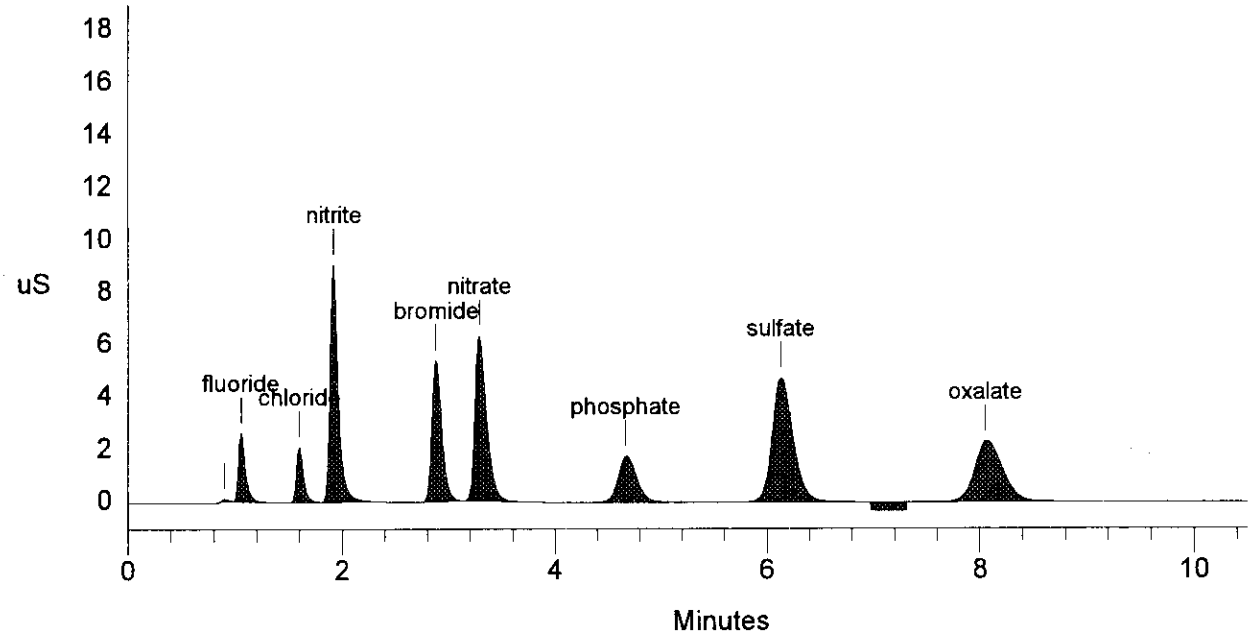
Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	85	358	2	
2	1.05	fluoride	59.689	2613	11645	2	0.32
3	1.60	chloride	76.396	2109	9492	1	0.00
4	1.92	nitrite	532.677	9071	48069	1	-1.03
5	2.88	bromide	577.489	5398	34508	1	2.37
6	3.29	nitrate	609.653	6310	47699	1	4.67
7	4.67	phosphate	540.870	1757	21590	1	0.00
8	6.13	sulfate	570.714	4749	58482	1	0.88
9	8.05	oxalate	533.843	2317	43119	1	1.34
		Totals	3501.332	34409	274962		

out.

File: 96032121.d02 Sample: CCV 133N9-A



Data Reprocessed On 03/21/1996 15:50:00

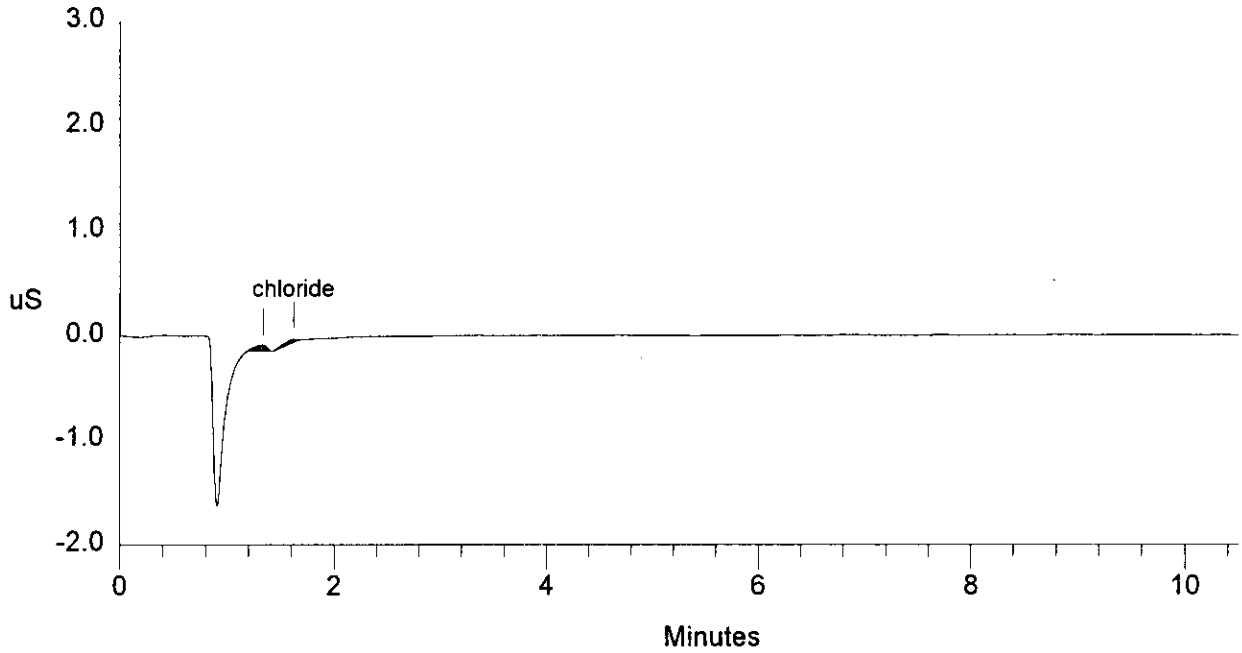
Sample Name: PREP BLANK	Date: 03/21/1996 11:31:54
Data File : C:\DX\DATA\96031391.d01	
Method : C:\DX\METHOD\AUTOMEL.met	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 1	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.34		0.000	61	522	1	
2	1.62	chloride	0.032	34	293	1	1.25
		Totals	0.032	95	815		

File: 96031391.d01 Sample: PREP BLANK



Data Reprocessed On 03/21/1996 15:50:02

Sample Name: S96T000894SAMPLE	Date: 03/21/1996 11:45:08
Data File : C:\DX\DATA\96031391.d02	
Method : C:\DX\METHOD\AUTOMEL.met	
ACI Address: 1 System: 1 Inject#: 2	Detector: CDM-1
Analyst :	Column: AG4A/AS4A anion column

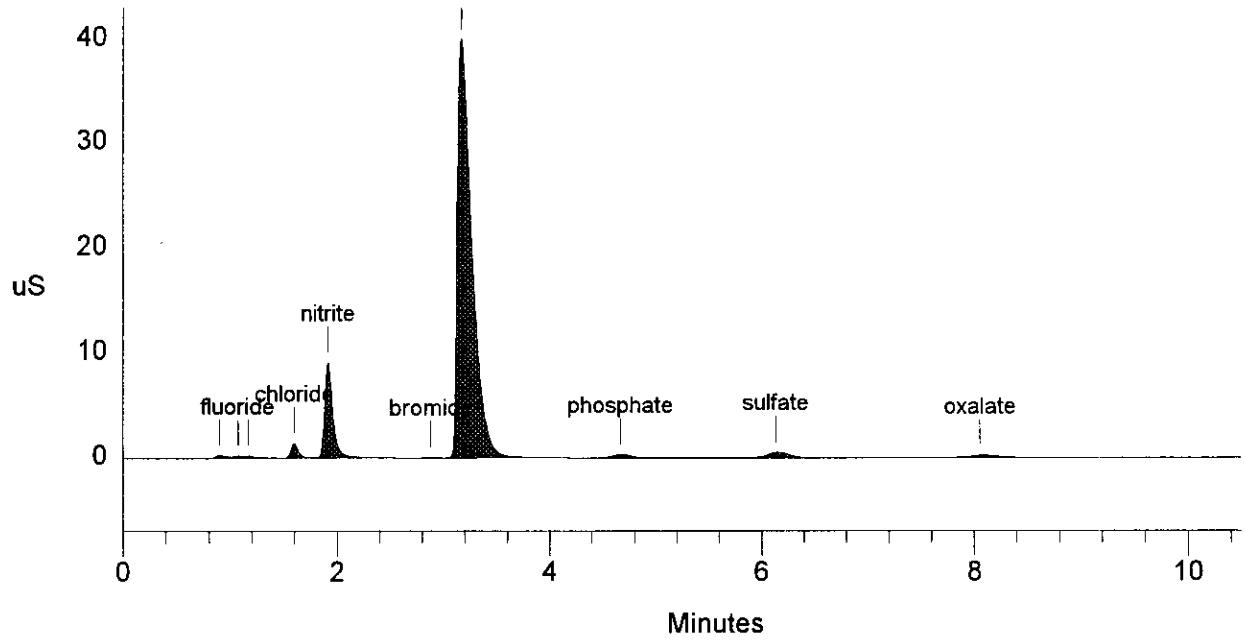
WHC-SD-WM-DP-178, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	189	991	2	
2	1.07	fluoride	2.205	161	811	2	2.22
3	1.17		0.000	208	1035	2	
4	1.60	chloride	21.212	1415	6430	1	0.00
5	1.91	nitrite	217.772	9073	48429	1	-1.37
6	2.88	bromide	12.572	82	449	1	2.49
7	3.17	nitrate	1707.072	39929	377455	1	0.85
8	4.67	phosphate	53.866	323	4085	1	0.00
9	6.13	sulfate	39.099	535	7741	1	0.88
10	8.05	oxalate	23.681	212	4190	1	1.34
		Totals	2077.480	52127	451617		

File: 96031391.d02 Sample: S96T000894SAMPLE



Data Reprocessed On 03/21/1996 15:50:04

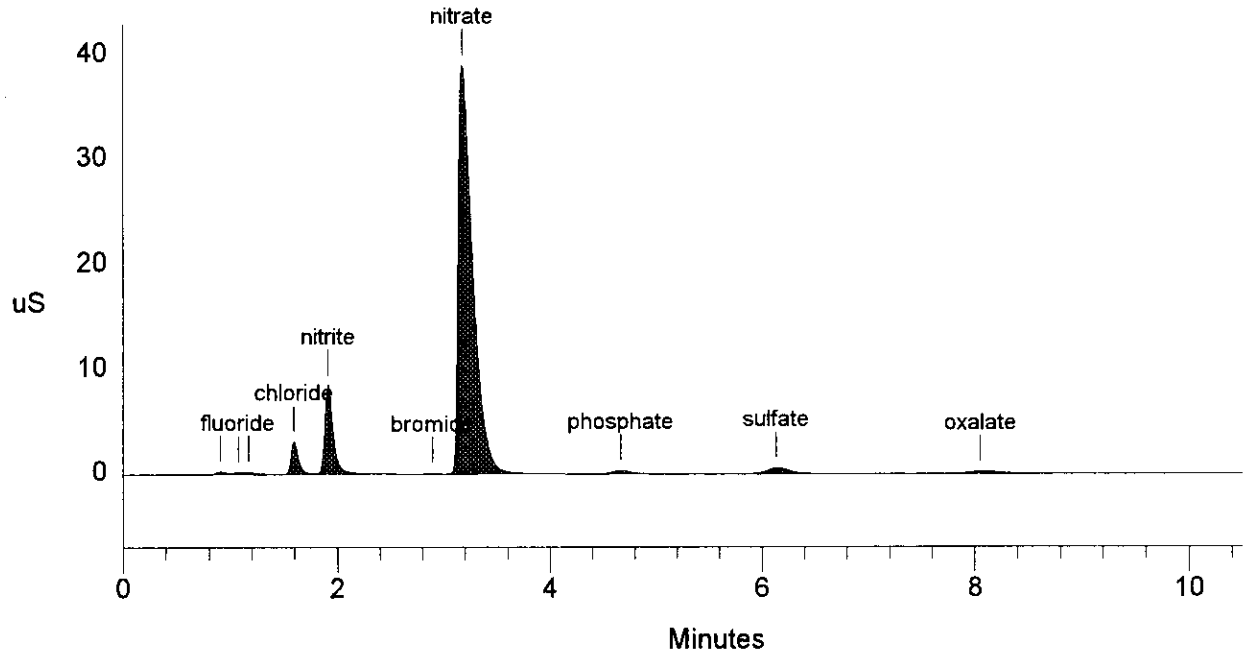
Sample Name: S96T000894 DUP Date: 03/21/1996 11:58:22
Data File : C:\DX\DATA\96031371.d03
Method : C:\DX\METHOD\AUTOMEL.met
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 3 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	195	1064	2	
2	1.07	fluoride	2.409	174	910	2	2.22
3	1.17		0.000	226	1309	2	
4	1.59	chloride	46.496	3083	14382	1	-0.42
5	1.91	nitrite	205.556	8427	45564	1	-1.37
6	2.89	bromide	12.538	80	444	1	2.97
7	3.17	nitrate	1674.709	38971	369405	1	1.06
8	4.67	phosphate	45.873	282	3246	1	0.00
9	6.13	sulfate	39.475	548	7839	1	0.88
10	8.05	oxalate	21.435	194	3741	1	1.34
		Totals	2048.490	52180	447904		

File: 96031371.d03 Sample: S96T000894 DUP



Data Reprocessed On 03/21/1996 15:50:09

Sample Name: S96T000895 SAMP Date: 03/21/1996 12:24:49
Data File : C:\DX\DATA\96031341.d05
Method : C:\DX\METHOD\AUTOMEL.met
ACI Address: 1 System: 1 Inject#: 5 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

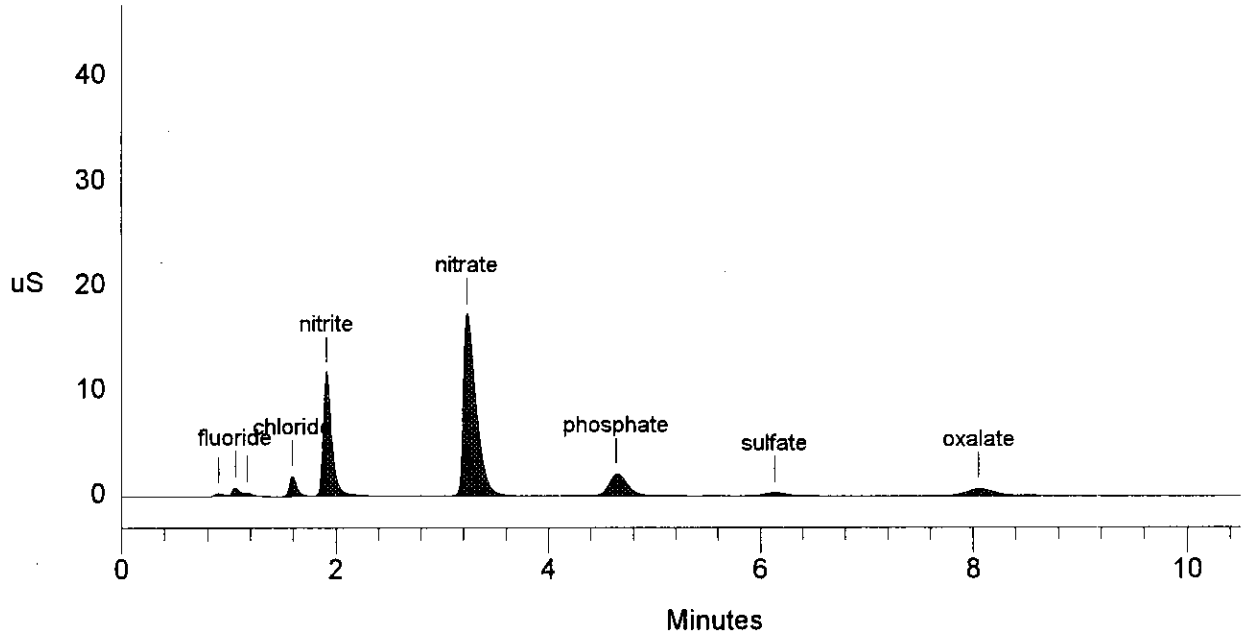
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	191	957	2	
2	1.06	fluoride	7.991	779	3630	2	0.95
3	1.17		0.000	330	1871	2	
4	1.59	chloride	29.192	1880	8921	1	-0.42
5	1.91	nitrite	287.434	11752	64827	1	-1.37
6	3.23	nitrate	700.487	17387	143647	1	2.97
7	4.64	phosphate	255.165	2053	25384	1	-0.57
8	6.13	sulfate	26.005	310	4336	1	0.88
9	8.05	oxalate	62.675	656	12008	1	1.34
		Totals	1368.949	35339	265580		

File: 96031341.d05 Sample: S96T000895 SAMP



Data Reprocessed On 03/21/1996 15:50:11

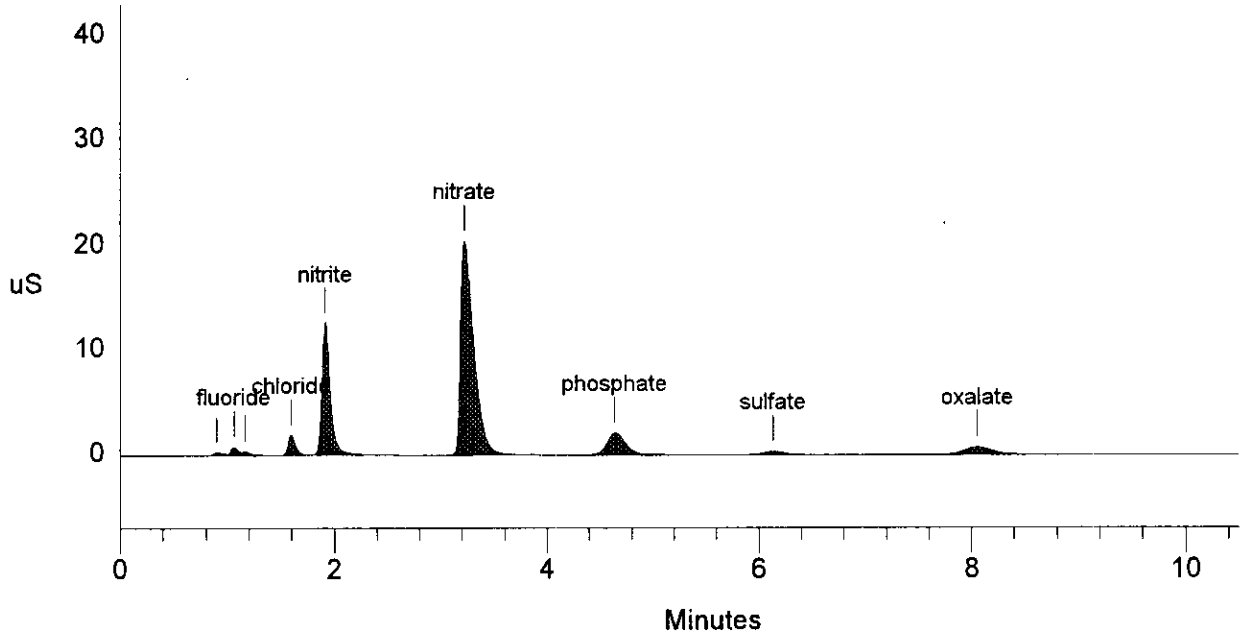
Sample Name: S96T000895 DUP	Date: 03/21/1996 12:38:02
Data File : C:\DX\DATA\96031341.d06	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\AUTOMEL.met	
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	210	1138	2	
2	1.06	fluoride	7.731	761	3503	2	0.95
3	1.17		0.000	343	1997	2	
4	1.59	chloride	29.867	1916	9133	1	-0.42
5	1.91	nitrite	299.264	12555	67621	1	-1.37
6	3.22	nitrate	843.850	20415	175082	1	2.55
7	4.64	phosphate	255.586	2091	25429	1	-0.57
8	6.13	sulfate	26.299	312	4413	1	0.88
9	8.05	oxalate	67.672	710	13011	1	1.34
		Totals	1530.268	39313	301326		

File: 96031341.d06 Sample: S96T000895 DUP



LABCORE Data Entry Template for Worklist# 6794

Analyst: SRM **Instrument:** IC00 **Book#** 133-N9-A

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC nds

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000896	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000896	0	W	@IC-01	SOLID		
6	SPK	S96T000896	0	W	@IC-01	SOLID		
7	SAMPLE	S96T000897	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
8	DUP	S96T000897	0	W	@IC-01	SOLID		

Final page for worklist # 6794

Noel Smith for S. Morris 3/22/96
Analyst Signature **Date**

In Shell
Uploaded 3/27/96 MD

Analyst Signature **Date**

Data Entry Comments: Samples were filtered before running.

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6794

Analyst: srm **Instrument:** IC01 **Book#** 133N9A

Method: LA533105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC nds

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		4.01e-01	0.401	ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		5.89e+01	99.831	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		7.26e+01	91.899	% Recovery
2	CCV			0	@IC-QC	NO2	QC	537		5.06e+02	94.227	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		5.39e+02	93.739	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		5.97e+02	97.231	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.12e+02	93.773	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		5.95e+02	94.295	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	509		5.00e+02	98.232	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1		<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1		3.70e-02	0.037	ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1		<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1		<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1		4.15e-01	0.415	ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1		<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1		2.60e-01	0.260	ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1		<1.05e-1		ug/g
4	SAMPLE	S96T000896	W	0	@IC-01	F-02	SOLID	N/A		1.282e+04	55.570	ug/g
4	REJECT	S96T000896	W	0	@IC-01	F-02	SOLID	N/A		1.282e+04		ug/g
4	SAMPLE	S96T000896	W	0	@IC-01	CL-02	SOLID	N/A		3.258e+03	72.660	ug/g
4	REJECT	S96T000896	W	0	@IC-01	CL-02	SOLID	N/A		3.258e+03		ug/g
4	SAMPLE	S96T000896	W	0	@IC-01	NO2-02	SOLID	N/A		3.622e+04	457.200	ug/g
4	REJECT	S96T000896	W	0	@IC-01	NO2-02	SOLID	N/A		3.622e+04		ug/g
4	SAMPLE	S96T000896	W	0	@IC-01	BR-02	SOLID	N/A	<	5.385e+02	538.400	ug/g
4	REJECT	S96T000896	W	0	@IC-01	BR-02	SOLID	N/A	<	5.385e+02		ug/g
4	SAMPLE	S96T000896	W	0	@IC-01	NO3-02	SOLID	N/A		5.746e+04	597.900	ug/g
4	REJECT	S96T000896	W	0	@IC-01	NO3-02	SOLID	N/A		5.746e+04		ug/g
4	SAMPLE	S96T000896	W	0	@IC-01	PO4-02	SOLID	N/A		1.161e+05	508.200	ug/g
4	REJECT	S96T000896	W	0	@IC-01	PO4-02	SOLID	N/A		1.161e+05		ug/g
4	SAMPLE	S96T000896	W	0	@IC-01	SO4-02	SOLID	N/A		1.847e+04	580.900	ug/g
4	REJECT	S96T000896	W	0	@IC-01	SO4-02	SOLID	N/A		1.847e+04		ug/g
4	SAMPLE	S96T000896	W	0	@IC-01	OXALATE2	SOLID	N/A		1.690e+04	448.800	ug/g
4	REJECT	S96T000896	W	0	@IC-01	OXALATE2	SOLID	N/A		1.690e+04		ug/g
5	DUP	S96T000896	W	0	@IC-01	F-02	SOLID	1.28e+04		64.19e3	133.498	RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6794

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
5	DUP	S96T000896	0	W	@IC-01	CL-02	SOLID	3.26e+03	2.96e+03	9.646	RPD
5	DUP	S96T000896	0	W	@IC-01	NO2-02	SOLID	3.62e+04	2.62e+04	32.051	RPD
5	DUP	S96T000896	0	W	@IC-01	BR-02	SOLID	<5.38e2	<5.80e2		RPD
5	DUP	S96T000896	0	W	@IC-01	NO3-02	SOLID	5.75e+04	3.44e+04	50.272	RPD
5	DUP	S96T000896	0	W	@IC-01	PO4-02	SOLID	1.16e+05	1.85e+05	45.847	RPD
5	DUP	S96T000896	0	W	@IC-01	SO4-02	SOLID	1.85e+04	1.46e+03	170.741	RPD
5	DUP	S96T000896	0	W	@IC-01	OXALATE2	SOLID	1.69e+04	1.93e+04	13.260	RPD
6	SPK	S96T000896	0	W	@IC-01	F-02	SOLID	59	6.50e+01	110.169	% Recovery
6	SPK	S96T000896	0	W	@IC-01	CL-02	SOLID	79	7.81e+01	98.861	% Recovery
6	SPK	S96T000896	0	W	@IC-01	NO2-02	SOLID	537	5.99e+02	111.546	% Recovery
6	SPK	S96T000896	0	W	@IC-01	BR-02	SOLID	575	5.72e+02	99.478	% Recovery
6	SPK	S96T000896	0	W	@IC-01	NO3-02	SOLID	614	6.72e+02	109.446	% Recovery
6	SPK	S96T000896	0	W	@IC-01	PO4-02	SOLID	546	6.77e+02	123.993	% Recovery
6	SPK	S96T000896	0	W	@IC-01	SO4-02	SOLID	631	6.37e+02	100.951	% Recovery
6	SPK	S96T000896	0	W	@IC-01	OXALATE2	SOLID	509	5.38e+02	105.697	% Recovery
7	SAMPLE	S96T000897	0	W	@IC-01	F-02	SOLID	N/A	1.224e+04	53.260	ug/g
7	REJECT	S96T000897	0	W	@IC-01	F-02	SOLID	N/A	1.224e+04		ug/g
7	SAMPLE	S96T000897	0	W	@IC-01	CL-02	SOLID	N/A	3.206e+03	69.640	ug/g
7	REJECT	S96T000897	0	W	@IC-01	CL-02	SOLID	N/A	3.206e+03		ug/g
7	SAMPLE	S96T000897	0	W	@IC-01	NO2-02	SOLID	N/A	3.525e+04	438.300	ug/g
7	REJECT	S96T000897	0	W	@IC-01	NO2-02	SOLID	N/A	3.525e+04		ug/g
7	SAMPLE	S96T000897	0	W	@IC-01	BR-02	SOLID	N/A <	516.200	516.200	ug/g
7	REJECT	S96T000897	0	W	@IC-01	BR-02	SOLID	N/A <	5.161e+02		ug/g
7	SAMPLE	S96T000897	0	W	@IC-01	NO3-02	SOLID	N/A	5.376e+04	573.100	ug/g
7	REJECT	S96T000897	0	W	@IC-01	NO3-02	SOLID	N/A	5.376e+04		ug/g
7	SAMPLE	S96T000897	0	W	@IC-01	PO4-02	SOLID	N/A	1.118e+05	487.000	ug/g
7	REJECT	S96T000897	0	W	@IC-01	PO4-02	SOLID	N/A	1.118e+05		ug/g
7	SAMPLE	S96T000897	0	W	@IC-01	SO4-02	SOLID	N/A	1.765e+04	556.700	ug/g
7	REJECT	S96T000897	0	W	@IC-01	SO4-02	SOLID	N/A	1.765e+04		ug/g
7	SAMPLE	S96T000897	0	W	@IC-01	OXALATE2	SOLID	N/A	1.653e+04	430.100	ug/g
7	REJECT	S96T000897	0	W	@IC-01	OXALATE2	SOLID	N/A	1.653e+04		ug/g
8	DUP	S96T000897	0	W	@IC-01	F-02	SOLID	1.22e+04	1.23e+04	0.816	RPD
8	DUP	S96T000897	0	W	@IC-01	CL-02	SOLID	3.21e+03	3.24e+03	0.930	RPD
8	DUP	S96T000897	0	W	@IC-01	NO2-02	SOLID	3.52e+04	3.59e+04	1.969	RPD
8	DUP	S96T000897	0	W	@IC-01	BR-02	SOLID	<5.16e2	<5.15e2		RPD
8	DUP	S96T000897	0	W	@IC-01	NO3-02	SOLID	5.38e+04	5.71e+04	5.951	RPD
8	DUP	S96T000897	0	W	@IC-01	PO4-02	SOLID	1.12e+05	1.17e+05	4.367	RPD
8	DUP	S96T000897	0	W	@IC-01	SO4-02	SOLID	1.76e+04	1.85e+04	4.986	RPD
8	DUP	S96T000897	0	W	@IC-01	OXALATE2	SOLID	1.65e+04	1.69e+04	2.395	RPD

Comments Section:

Comments for sample# S96T000896 **and test** @IC-01 .

Standards
Standards
Standards
Standards
Standards

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6794

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
	Standards									

Final page for worklist# 6794

Analyst Signature **Date**

Analyst Signature **Date**

Heather Anarton 4-22-96
Reviewer Signature **Date**

A-0010-IC DATA FILE/WORKLIST RESOLUTION 27-Mar-96

Worklist#: 6794

	Seq	Type	Sample #
=>	1	CCB	
=>	2	CCV	
=>	3	BLNK-PREP	
=>	4	SAMPLE	S96T000896
=>	5	DUP	S96T000896
=>	6	SPK	S96T000896
=>	7	SAMPLE	S96T000897
=>	8	DUP	S96T000897

Data File: 6794MAR.CSV

Seq#	Data File	Sample Name	Dilution
	96032121.d02	BLANK	1.00
1	96032121.d03	BLANK FILTERED	1.00
	96032121.d04	STANDARD 133N9-	101.00
2	96032121.d05	STANDARD 133N9-	101.00
3	96032121.d06	PREP BLANK	1.00
	96032121.d07	S96T000896 FILT	101.00
4	96032121.d08	S96T000896 FILT	21.00
5	96032121.d09	S96T000896 DUP	21.00
6	96032121.d10	S96T000896 SPIK	21.00
7	96032121.d11	S96T000897 FIL	21.00
8	96032121.d12	S96T000897 DUP	21.00

Save(F4) Abort(Shift-F3) ListFiles(Shift-F1) UploadFile(F8)

Data Reprocessed On 03/26/1996 16:35:02

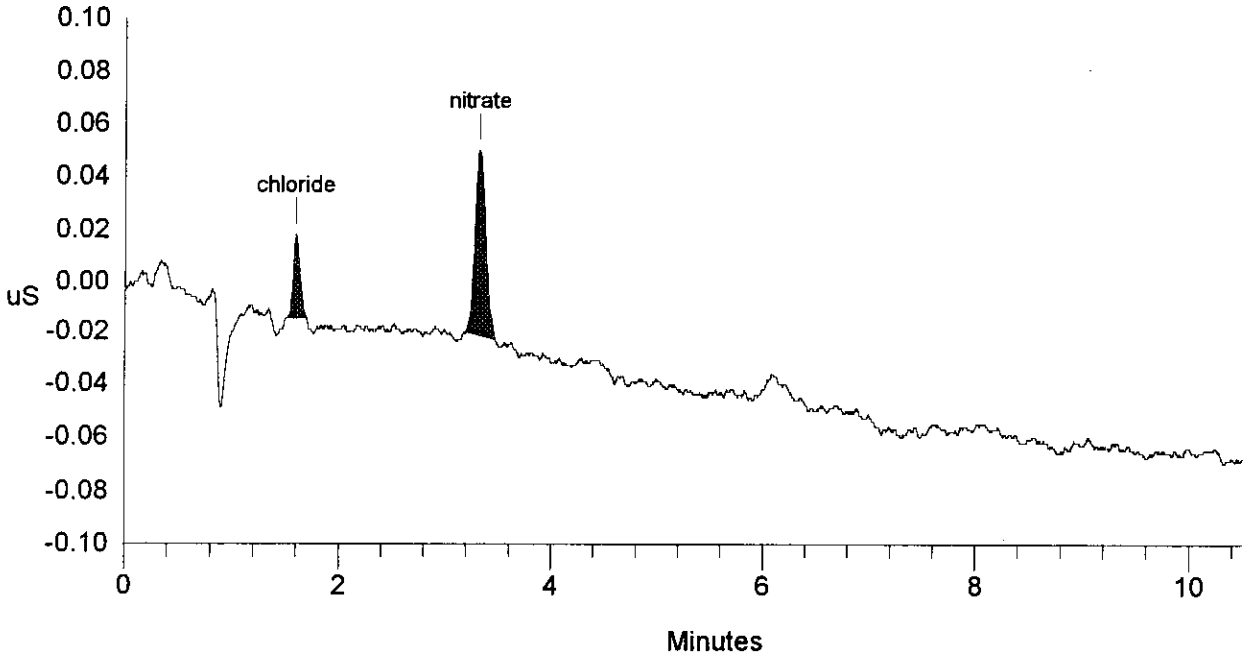
Sample Name: BLANK
Date: 03/22/1996 09:48:30
Data File : C:\DX\DATA\96032121.d02
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 2
Detector:CDM-1
Analyst VL Smith 3/29/96 Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.59	chloride	0.020	32	135	1	-0.42
2	3.32	nitrate	0.392	70	489	1	5.73
		Totals	0.411	102	623		

File: 96032121.d02 Sample: BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 506 TO 516.

Data Reprocessed On 03/26/1996 16:35:05

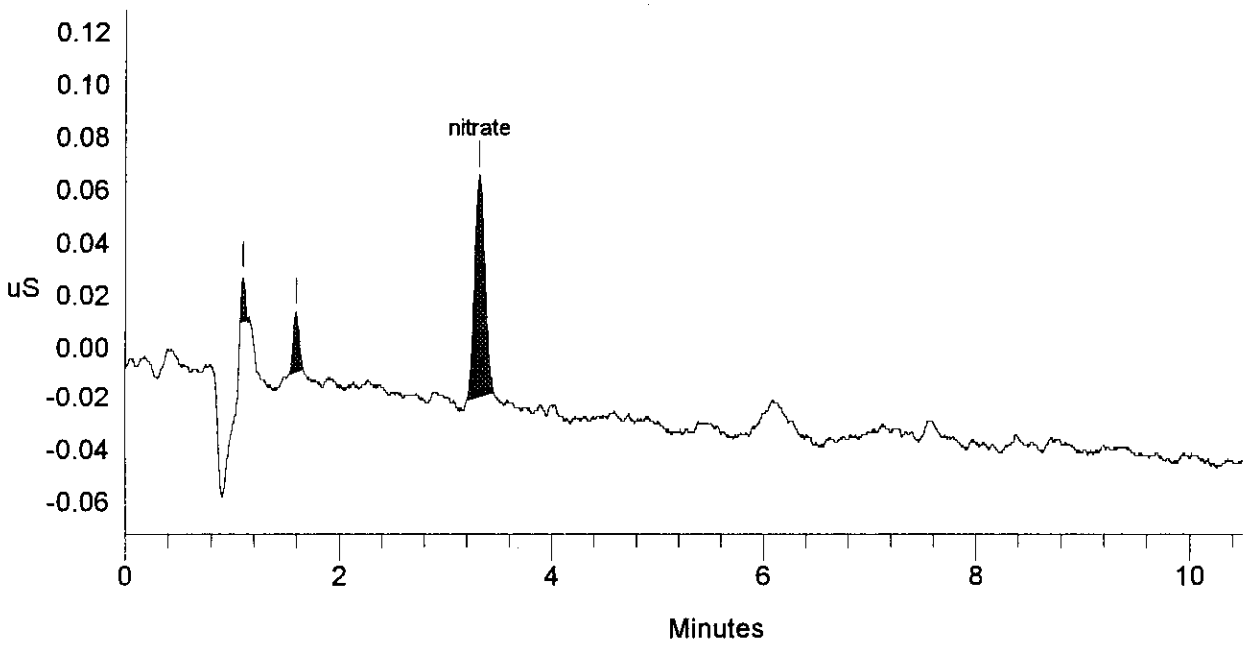
Sample Name: BLANK FILTERED	Date: 03/22/1996 10:04:14
Data File : C:\DX\DATA\96032121.d03	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 3	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
3	3.31	nitrate	0.401	84	563	1	5.52
		Totals	0.401	84	563		

File: 96032121.d03 Sample: BLANK FILTERED



Data Reprocessed On 03/26/1996 16:35:08

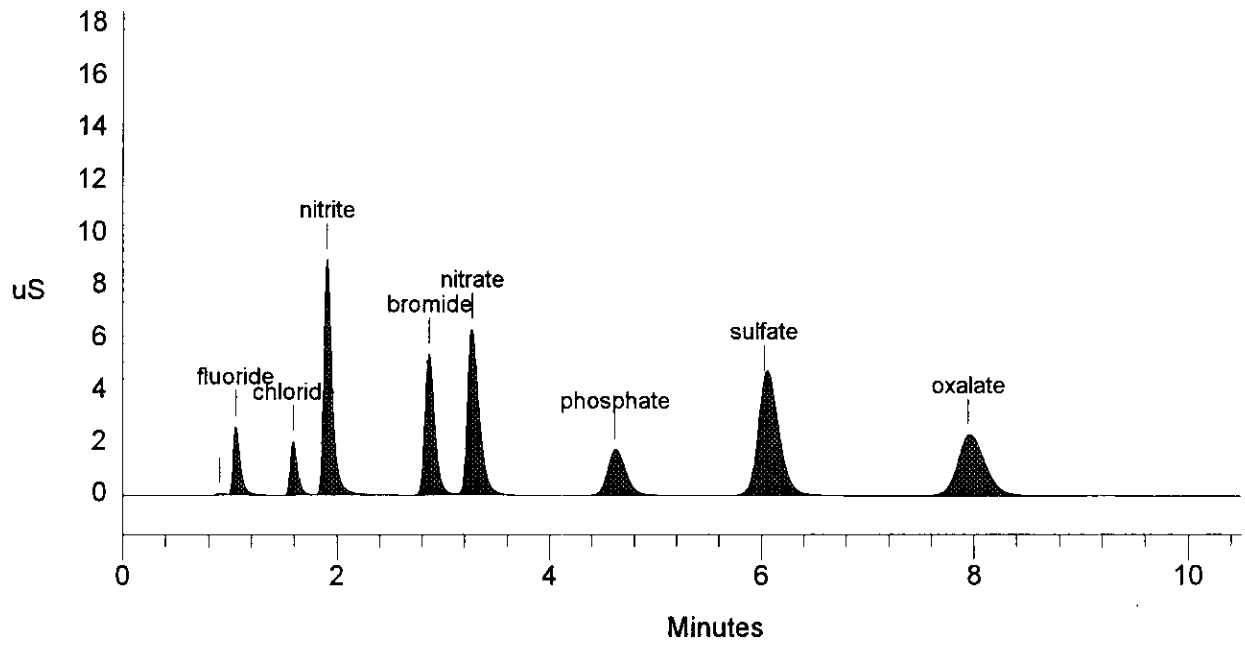
Sample Name: STANDARD 133N9-A	Date: 03/22/1996 10:17:04
Data File : C:\DX\DATA\96032121.d04	
Method : C:\DX\METHOD\KIT.MET	WHO-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 4	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	101	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	51	217	2	
2	1.05	fluoride	62.751	2629	12265	2	0.32
3	1.59	chloride	76.924	2075	9559	1	-0.42
4	1.91	nitrite	542.398	8996	48995	1	-1.72
5	2.87	bromide	575.033	5405	34353	1	1.90
6	3.27	nitrate	609.461	6336	47683	1	4.03
7	4.61	phosphate	537.183	1748	21431	1	-1.14
8	6.03	sulfate	625.714	4398	64448	1	-0.88
9	7.95	oxalate	524.228	2336	42326	1	0.00
		Totals	3553.692	33973	281277		

File: 96032121.d04 Sample: STANDARD 133N9-A



Data Reprocessed On 03/26/1996 16:35:11

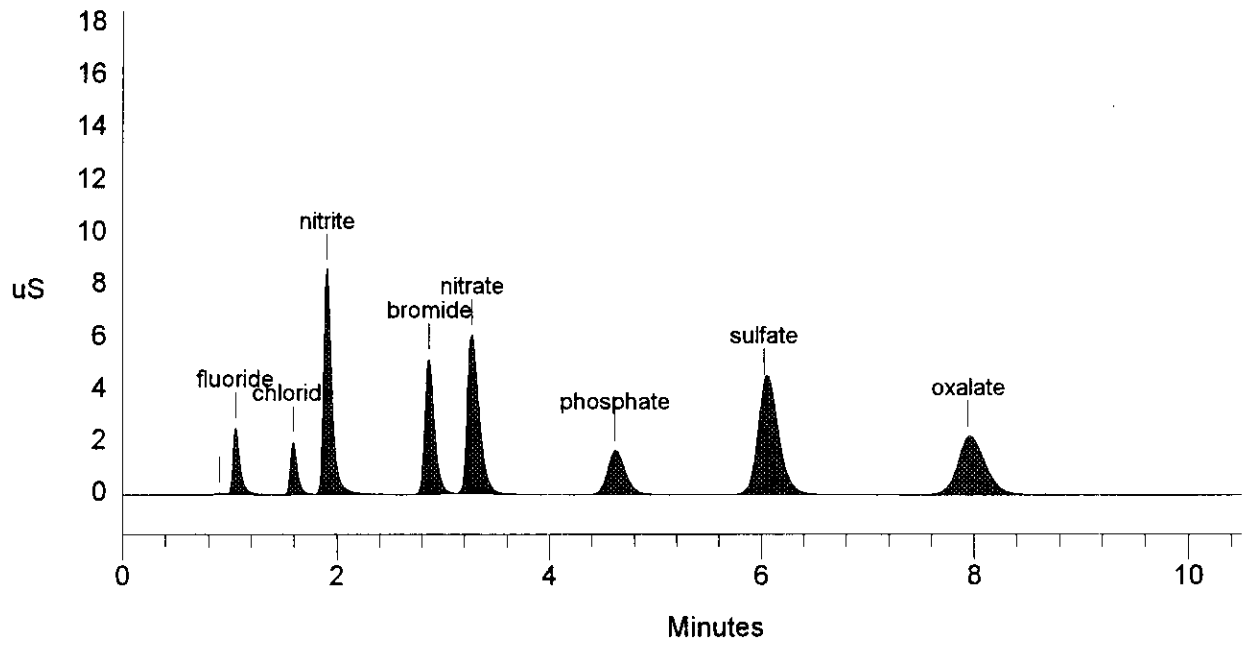
Sample Name: STANDARD 133N9-A FILTERED	Date: 03/22/1996 10:30:12
Data File : C:\DX\DATA\96032121.d05	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 5	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	51	217	2	
2	1.05	fluoride	58.886	2519	11482	2	0.32
3	1.59	chloride	72.613	1999	9010	1	-0.42
4	1.91	nitrite	505.528	8582	45484	1	-1.72
5	2.87	bromide	539.064	5143	32073	1	1.90
6	3.27	nitrate	597.009	6044	46640	1	4.03
7	4.61	phosphate	511.924	1671	20341	1	-1.14
8	6.03	sulfate	595.356	4206	61153	1	-0.88
9	7.95	oxalate	500.150	2218	40342	1	0.00
		Totals	3380.530	32434	266742		

File: 96032121.d05 Sample: STANDARD 133N9-A FILTERED



Data Reprocessed On 03/26/1996 16:35:14

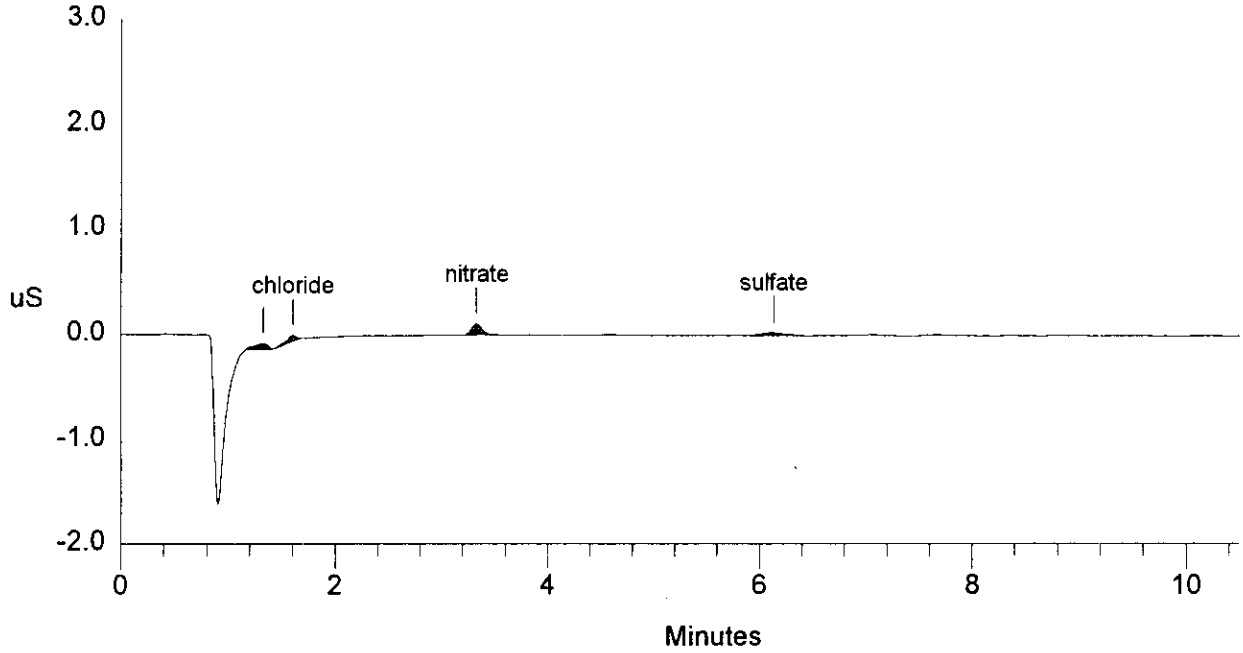
Sample Name: PREP BLANK	Date: 03/22/1996 10:43:09
Data File : C:\DX\DATA\96032121.d06	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.33		0.000	52	460	1	
2	1.61	chloride	0.037	55	349	1	0.42
3	3.33	nitrate	0.415	105	685	1	5.94
4	6.13	sulfate	0.260	26	351	1	0.88
		Totals	0.712	238	1844		

File: 96032121.d06 Sample: PREP BLANK



Data Reprocessed On 03/26/1996 16:35:16

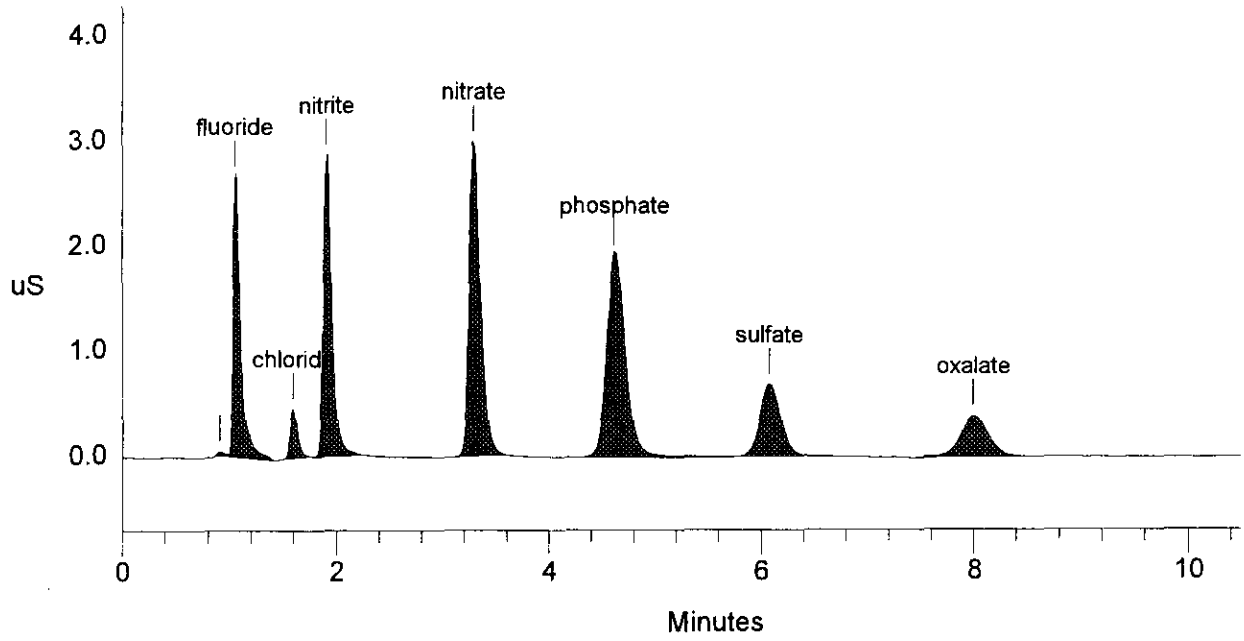
Sample Name: S96T000896 FILTERED	Date: 03/22/1996 10:57:19
Data File : C:\DX\DATA\96032121.d07	WHO-CD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 7	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	32	147	2	
2	1.05	fluoride	65.511	2664	12824	2	0.32
3	1.59	chloride	18.541	459	2195	1	-0.42
4	1.91	nitrite	190.303	2863	15646	1	-1.72
5	3.29	nitrate	304.412	2996	22280	1	4.67
6	4.61	phosphate	586.987	1915	23583	1	-1.14
7	6.08	sulfate	110.618	681	9252	1	0.00
8	8.00	oxalate	94.205	384	7107	1	0.67
		Totals	1370.578	11994	93034		

File: 96032121.d07 Sample: S96T000896 FILTERED



Data Reprocessed On 03/26/1996 16:35:19

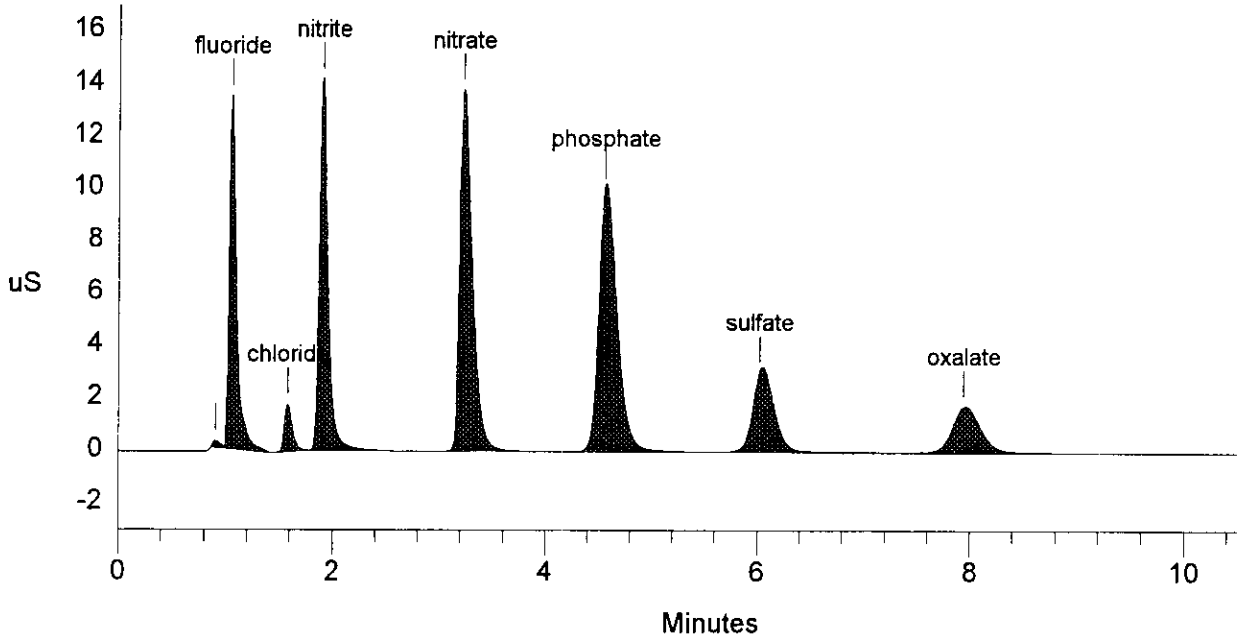
Sample Name: S96T000896 FILTERED
Date: 03/22/1996 11:13:16
Data File : C:\DX\DATA\96032121.d08
WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 8 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	21	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	260	1199	2	
2	1.05	fluoride	62.984	13481	64228	2	0.32
3	1.58	chloride	16.012	1826	9570	1	-1.25
4	1.91	nitrite	178.001	14157	79050	1	-1.72
5	3.23	nitrate	282.378	13750	111502	1	2.76
6	4.56	phosphate	570.597	10039	120651	1	-2.29
7	6.03	sulfate	90.751	3026	43994	1	-0.88
8	7.95	oxalate	83.069	1743	32064	1	0.00
		Totals	1283.792	58283	462258		

File: 96032121.d08 Sample: S96T000896 FILTERED



Data Reprocessed On 03/26/1996 16:35:22

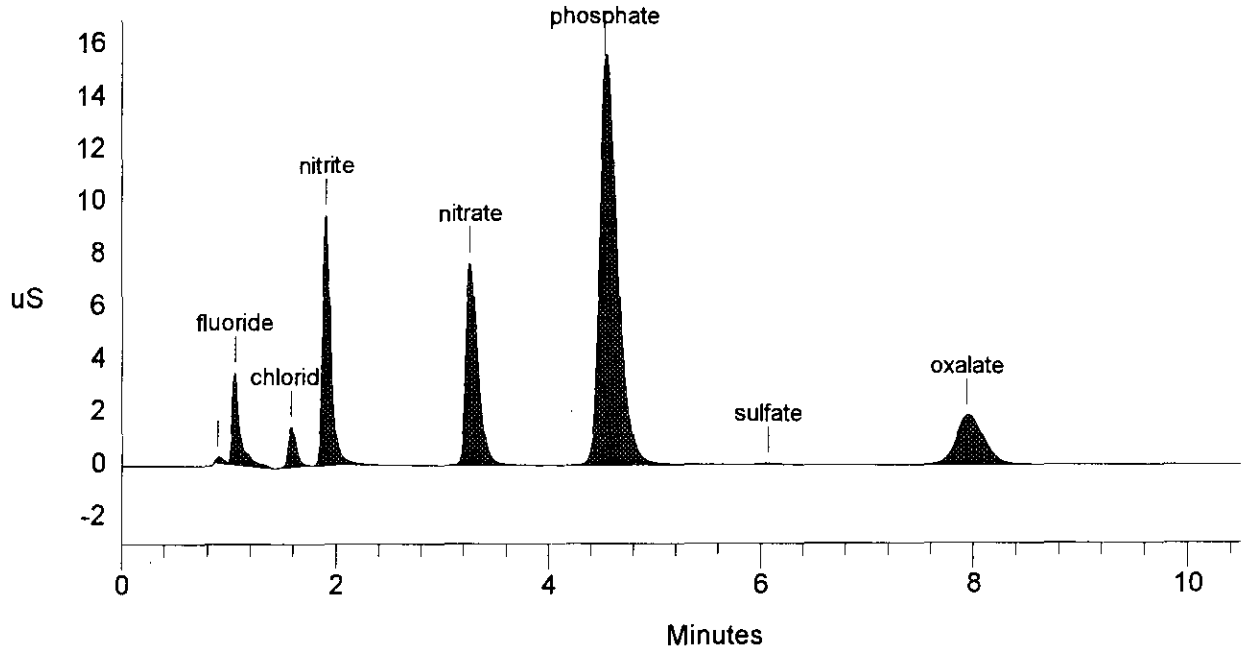
Sample Name: S96T000896 DUP FILTERED	Date: 03/22/1996 13:28:49
Data File : C:\DX\DATA\96032121.d09	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 9	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	21	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	235	1175	2	
2	1.05	fluoride	19.117	3513	18223	2	0.32
3	1.58	chloride	13.494	1537	8031	1	-1.25
4	1.91	nitrite	119.322	9505	51997	1	-1.72
5	3.26	nitrate	156.872	7678	59879	1	3.82
6	4.53	phosphate	842.441	15206	183661	1	-2.86
7	6.08	sulfate	6.645	67	954	1	0.00
8	7.95	oxalate	88.146	1883	34070	1	0.00
		Totals	1246.038	39624	357988		

File: 96032121.d09 Sample: S96T000896 DUP FILTERED



Data Reprocessed On 03/26/1996 16:35:25

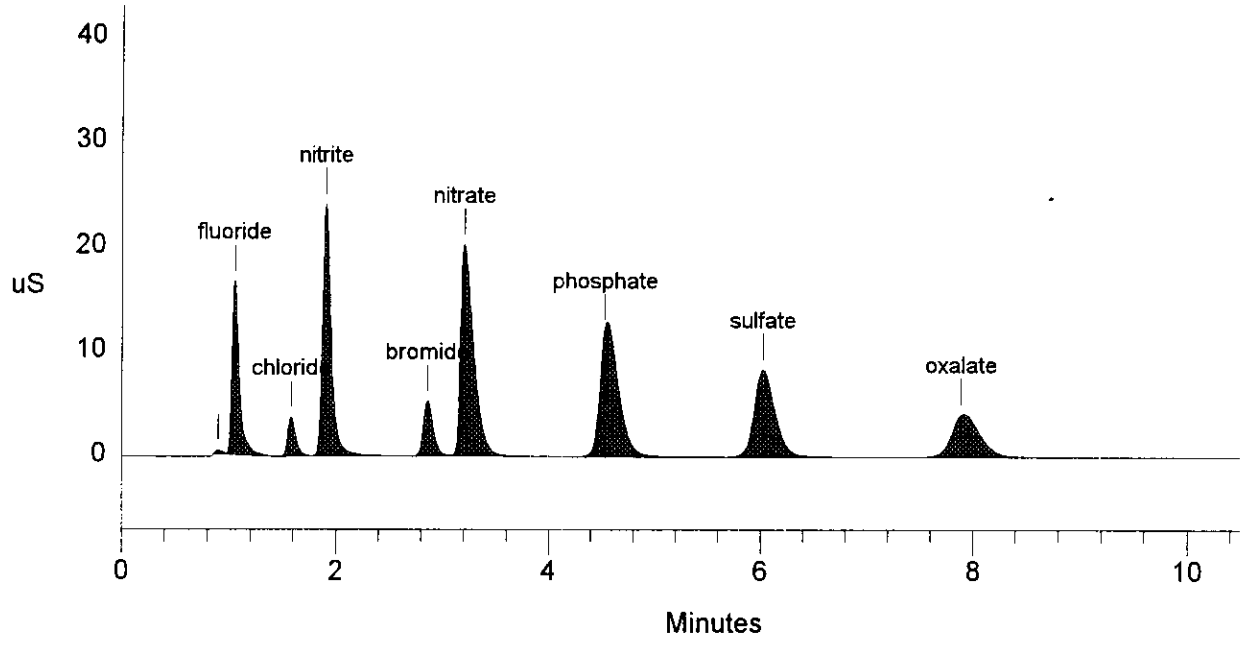
Sample Name: S96T000896 SPIKE FILTERED Date: 03/22/1996 13:45:26
Data File : C:\DX\DATA\96032121.d10
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 10 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	21	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	362	1671	2	
2	1.05	fluoride	75.990	16614	79055	2	0.32
3	1.58	chloride	31.628	3751	19265	1	-1.25
4	1.91	nitrite	297.772	24033	135117	1	-1.72
5	2.86	bromide	114.435	5240	32790	1	1.66
6	3.21	nitrate	416.708	20170	168397	1	2.12
7	4.53	phosphate	705.960	12076	151586	1	-2.86
8	6.03	sulfate	218.064	8337	110951	1	-0.88
9	7.89	oxalate	190.721	4065	74941	1	-0.67
		Totals	2051.279	94649	773772		

File: 96032121.d10 Sample: S96T000896 SPIKE FILTERED



Data Reprocessed On 03/26/1996 16:35:28

Sample Name: S96T000897 FILTERED Date: 03/22/1996 13:57:51
Data File : C:\DX\DATA\96032121.d11
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 11 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

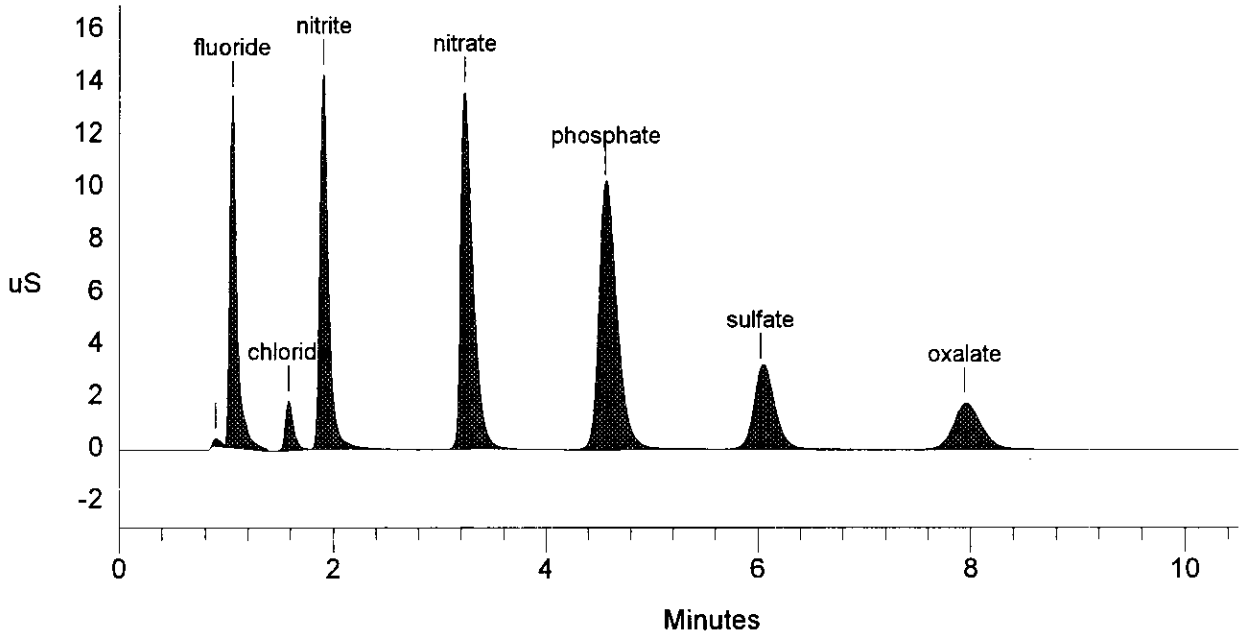
WHO-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	21	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	278	1323	2	
2	1.05	fluoride	62.750	13367	63967	2	0.32
3	1.58	chloride	16.436	1875	9830	1	-1.25
4	1.91	nitrite	180.713	14259	80307	1	-1.72
5	3.23	nitrate	275.603	13593	108679	1	2.97
6	4.56	phosphate	573.413	10082	121286	1	-2.29
7	6.03	sulfate	90.484	3052	43856	1	-0.88
8	7.95	oxalate	84.767	1758	32735	1	0.00
		Totals	1284.167	58263	461983		

File: 96032121.d11 Sample: S96T000897 FILTERED



Data Reprocessed On 03/26/1996 16:35:31

Sample Name: S96T000897 DUP FILTERED Date: 03/22/1996 14:13:59
Data File : C:\DX\DATA\96032121.d12
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 12 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

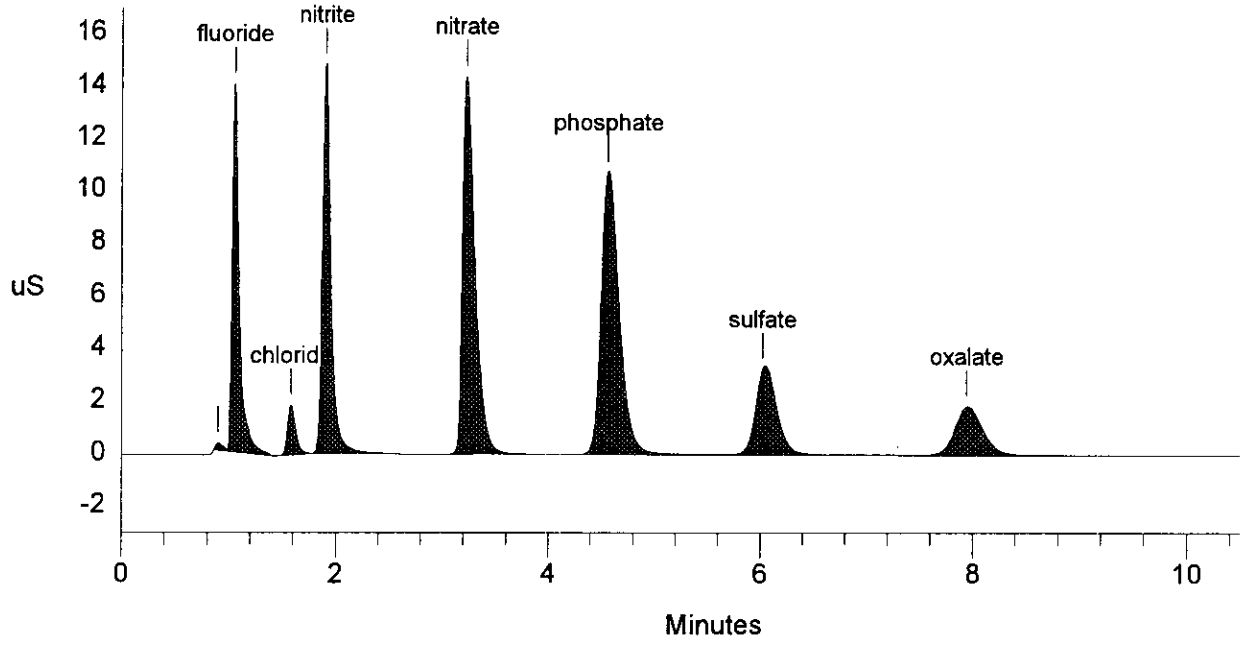
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	21	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	271	1283	2	
2	1.05	fluoride	63.388	14010	64679	2	0.32
3	1.58	chloride	16.633	1891	9951	1	-1.25
4	1.91	nitrite	184.258	14805	81951	1	-1.72
5	3.23	nitrate	293.571	14394	116176	1	2.76
6	4.56	phosphate	601.487	10721	127637	1	-2.29
7	6.03	sulfate	95.053	3238	46220	1	-0.88
8	7.95	oxalate	86.931	1841	33590	1	0.00
		Totals	1341.321	61172	481487		

File: 96032121.d12 Sample: S96T000897 DUP FILTERED



LABCORE Data Entry Template for Worklist# 6795

Analyst: WGB **Instrument:** IC00 IC01 **Book#** 123MC

Method: LA-533-105 **Rev/Mod** D-1

Worklist Comment: S-102 FOR IC RTS!

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000899	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000899	0	W	@IC-01	SOLID		
6	SPK	S96T000899	0	W	@IC-01	SOLID		
7	SAMPLE	S96T000898	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
8	DUP	S96T000898	0	W	@IC-01	SOLID		

Final page for worklist # 6795

Signature for Wayne Burghardt 3/24/96

Analyst Signature **Date** **Analyst Signature** **Date**

Initial

Uploaded 3/28/96 nos

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6795

Analyst: wgb **Instrument:** IC01 **Book#** 133N9C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC RTS!

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		<1.40e-1		ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		6.14e+01	104.068	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		7.67e+01	97.089	% Recovery
2	CCV			0	@IC-QC	NO2	QC	534		5.57e+02	104.307	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		5.85e+02	101.739	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		6.07e+02	98.860	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.49e+02	100.549	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		6.37e+02	100.951	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	504		5.25e+02	104.167	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1		<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1		<1.70e-2		ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1		<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1		<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1		<1.40e-1		ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1		<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1		<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1		<1.05e-1		ug/g
4	SAMPLE	S96T000899	0	W	@IC-01	F-02	SOLID	N/A		1.522e+04	258.900	ug/g
4	REJECT	S96T000899	0	W	@IC-01	F-02	SOLID	N/A		1.522e+04		ug/g
4	SAMPLE	S96T000899	0	W	@IC-01	CL-02	SOLID	N/A		3.642e+03	338.500	ug/g
4	REJECT	S96T000899	0	W	@IC-01	CL-02	SOLID	N/A		3.642e+03		ug/g
4	SAMPLE	S96T000899	0	W	@IC-01	NO2-02	SOLID	N/A		3.986e+04	2130.000	ug/g
4	REJECT	S96T000899	0	W	@IC-01	NO2-02	SOLID	N/A		3.986e+04		ug/g
4	SAMPLE	S96T000899	0	W	@IC-01	BR-02	SOLID	N/A	<	2.509e+03	2509.000	ug/g
4	REJECT	S96T000899	0	W	@IC-01	BR-02	SOLID	N/A	<	2.509e+03		ug/g
4	SAMPLE	S96T000899	0	W	@IC-01	NO3-02	SOLID	N/A		5.455e+04	2786.000	ug/g
4	REJECT	S96T000899	0	W	@IC-01	NO3-02	SOLID	N/A		5.455e+04		ug/g
4	SAMPLE	S96T000899	0	W	@IC-01	PO4-02	SOLID	N/A		1.366e+05	2367.000	ug/g
4	REJECT	S96T000899	0	W	@IC-01	PO4-02	SOLID	N/A		1.366e+05		ug/g
4	SAMPLE	S96T000899	0	W	@IC-01	SO4-02	SOLID	N/A		1.215e+04	2706.000	ug/g
4	REJECT	S96T000899	0	W	@IC-01	SO4-02	SOLID	N/A		1.215e+04		ug/g
4	SAMPLE	S96T000899	0	W	@IC-01	OXALATE2	SOLID	N/A		1.244e+04	2091.000	ug/g
4	REJECT	S96T000899	0	W	@IC-01	OXALATE2	SOLID	N/A		1.244e+04		ug/g
5	DUP	S96T000899	0	W	@IC-01	F-02	SOLID	1.52e+04		1.49e+04	1.993	RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6795

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
5	DUP	S96T000899	0	W	@IC-01	CL-02	SOLID	3.64e+03		5.18e+03	34.921	RPD
5	DUP	S96T000899	0	W	@IC-01	NO2-02	SOLID	3.99e+04		3.89e+04	2.538	RPD
5	DUP	S96T000899	0	W	@IC-01	BR-02	SOLID	<2.51e3		<2.41e3		RPD
5	DUP	S96T000899	0	W	@IC-01	NO3-02	SOLID	5.46e+04		5.48e+04	0.366	RPD
5	DUP	S96T000899	0	W	@IC-01	PO4-02	SOLID	1.37e+05		1.35e+05	1.471	RPD
5	DUP	S96T000899	0	W	@IC-01	SO4-02	SOLID	1.22e+04		1.18e+04	3.333	RPD
5	DUP	S96T000899	0	W	@IC-01	OXALATE2	SOLID	1.24e+04		1.28e+04	3.175	RPD
6	SPK	S96T000899	0	W	@IC-01	F-02	SOLID	59		6.59e+01	111.695	% Recovery
6	SPK	S96T000899	0	W	@IC-01	CL-02	SOLID	79		7.73e+01	97.848	% Recovery
6	SPK	S96T000899	0	W	@IC-01	NO2-02	SOLID	534		5.67e+02	106.180	% Recovery
6	SPK	S96T000899	0	W	@IC-01	BR-02	SOLID	575		5.63e+02	97.913	% Recovery
6	SPK	S96T000899	0	W	@IC-01	NO3-02	SOLID	614		5.97e+02	97.231	% Recovery
6	SPK	S96T000899	0	W	@IC-01	PO4-02	SOLID	546		5.59e+02	102.381	% Recovery
6	SPK	S96T000899	0	W	@IC-01	SO4-02	SOLID	631		6.01e+02	95.246	% Recovery
6	SPK	S96T000899	0	W	@IC-01	OXALATE2	SOLID	504		5.18e+02	102.778	% Recovery
7	SAMPLE	S96T000898	0	W	@IC-01	F-02	SOLID	N/A		1.335e+04	273.300	ug/g
7	REJECT	S96T000898	0	W	@IC-01	F-02	SOLID	N/A		1.335e+04		ug/g
7	SAMPLE	S96T000898	0	W	@IC-01	CL-02	SOLID	N/A		3.980e+03	357.400	ug/g
7	REJECT	S96T000898	0	W	@IC-01	CL-02	SOLID	N/A		3.980e+03		ug/g
7	SAMPLE	S96T000898	0	W	@IC-01	NO2-02	SOLID	N/A		4.225e+04	2249.000	ug/g
7	REJECT	S96T000898	0	W	@IC-01	NO2-02	SOLID	N/A		4.225e+04		ug/g
7	SAMPLE	S96T000898	0	W	@IC-01	BR-02	SOLID	N/A	<	2.649e+03	2649.000	ug/g
7	REJECT	S96T000898	0	W	@IC-01	BR-02	SOLID	N/A	<	2.649e+03		ug/g
7	SAMPLE	S96T000898	0	W	@IC-01	NO3-02	SOLID	N/A		6.207e+04	2941.000	ug/g
7	REJECT	S96T000898	0	W	@IC-01	NO3-02	SOLID	N/A		6.207e+04		ug/g
7	SAMPLE	S96T000898	0	W	@IC-01	PO4-02	SOLID	N/A		1.205e+05	2500.000	ug/g
7	REJECT	S96T000898	0	W	@IC-01	PO4-02	SOLID	N/A		1.205e+05		ug/g
7	SAMPLE	S96T000898	0	W	@IC-01	SO4-02	SOLID	N/A		2.108e+04	2857.000	ug/g
7	REJECT	S96T000898	0	W	@IC-01	SO4-02	SOLID	N/A		2.108e+04		ug/g
7	SAMPLE	S96T000898	0	W	@IC-01	OXALATE2	SOLID	N/A		1.253e+04	2208.000	ug/g
7	REJECT	S96T000898	0	W	@IC-01	OXALATE2	SOLID	N/A		1.253e+04		ug/g
8	DUP	S96T000898	0	W	@IC-01	F-02	SOLID	1.34e+04		1.89e+04	34.056	RPD
8	DUP	S96T000898	0	W	@IC-01	CL-02	SOLID	3.98e+03		6.05e+03	41.276	RPD
8	DUP	S96T000898	0	W	@IC-01	NO2-02	SOLID	4.22e+04		5.51e+04	26.516	RPD
8	DUP	S96T000898	0	W	@IC-01	BR-02	SOLID	<2.65e3		<2.82e3		RPD
8	DUP	S96T000898	0	W	@IC-01	NO3-02	SOLID	6.21e+04		8.13e+04	26.778	RPD
8	DUP	S96T000898	0	W	@IC-01	PO4-02	SOLID	1.20e+05		1.66e+05	32.168	RPD
8	DUP	S96T000898	0	W	@IC-01	SO4-02	SOLID	2.11e+04		2.76e+04	26.694	RPD
8	DUP	S96T000898	0	W	@IC-01	OXALATE2	SOLID	1.25e+04		1.54e+04	20.789	RPD

Comments Section:

Comments for sample# S96T000898 **and test** @IC-01 .

All dups are out.Rerun can be requested by customer. nds
All dups are out.Rerun can be requested by customer. nds
All dups are out.Rerun can be requested by customer. nds
All dups are out.Rerun can be requested by customer. nds
All dups are out.Rerun can be requested by customer. nds

LABCORE Completed Worklist Report for Worklist# 6795

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit

All dups are out.Rerun can be requested by customer. nds

Final page for worklist# 6795

Analyst Signature **Date** **Analyst Signature** **Date**

Reviewer Signature **Date** 4/19/96

Units shown for QC (BLK/BKG) may not reflect the actual units.

A-0010-IC DATA FILE/WORKLIST RESOLUTION 28-Mar-96

Worklist#: 6795

	Seq	Type	Sample #
=>	1	CCB	
=>	2	CCV	
=>	3	BLNK-PREP	
=>	4	SAMPLE	S96T000899
=>	5	DUP	S96T000899
=>	6	SPK	S96T000899
=>	7	SAMPLE	S96T000898
=>	8	DUP	S96T000898

Data File: 6795MAR.CSV

Seq#	Data File	Sample Name	Dilution
1	96032411.d09	INST. BLANK	1.00
2	96032411.d10	STD 133N9-C	101.00
3	96032411.d11	PREP-BLANK	1.00
4	96032411.d12	S96T000899 SAMPL	101.00
5	96032411.d13	S96T000899 DUP.	101.00
6	96032411.d14	S96T000899 SPIKE	101.00
7	96032411.d15	S96T000898 SAMPL	101.00
8	96032411.d16	S96T000898 DUP.	101.00

Save(F4) Abort(Shift-F3) ListFiles(Shift-F1) UploadFile(F8)

WHC-SD-WM-DP-179, REV. 1

Data Reprocessed On 03/26/1996 16:29:48

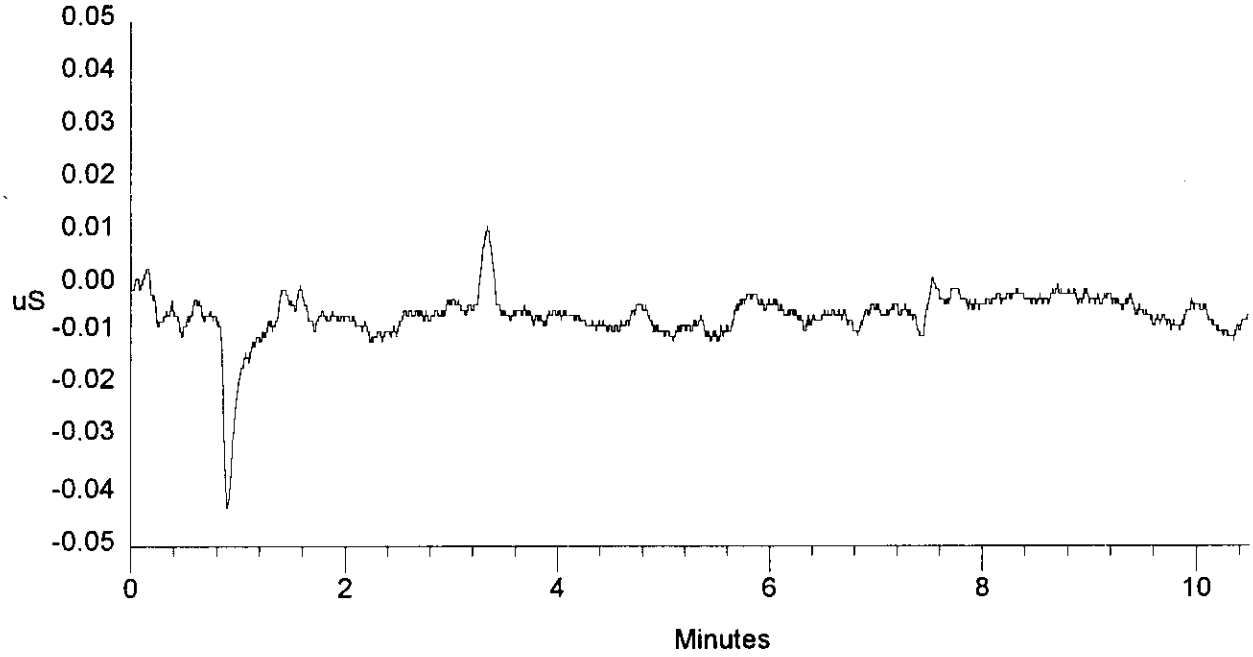
Sample Name: INST. BLANK	Date: 03/24/1996 14:59:57
Data File : C:\DX\DATA\96032411.d09	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 9	Detector:CDM-1
Analyst : N. Smith 3/28/96	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
		Totals	0.000	0	0		

File: 96032411.d09 Sample: INST. BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 521 TO 526

Data Reprocessed On 03/26/1996 16:29:51

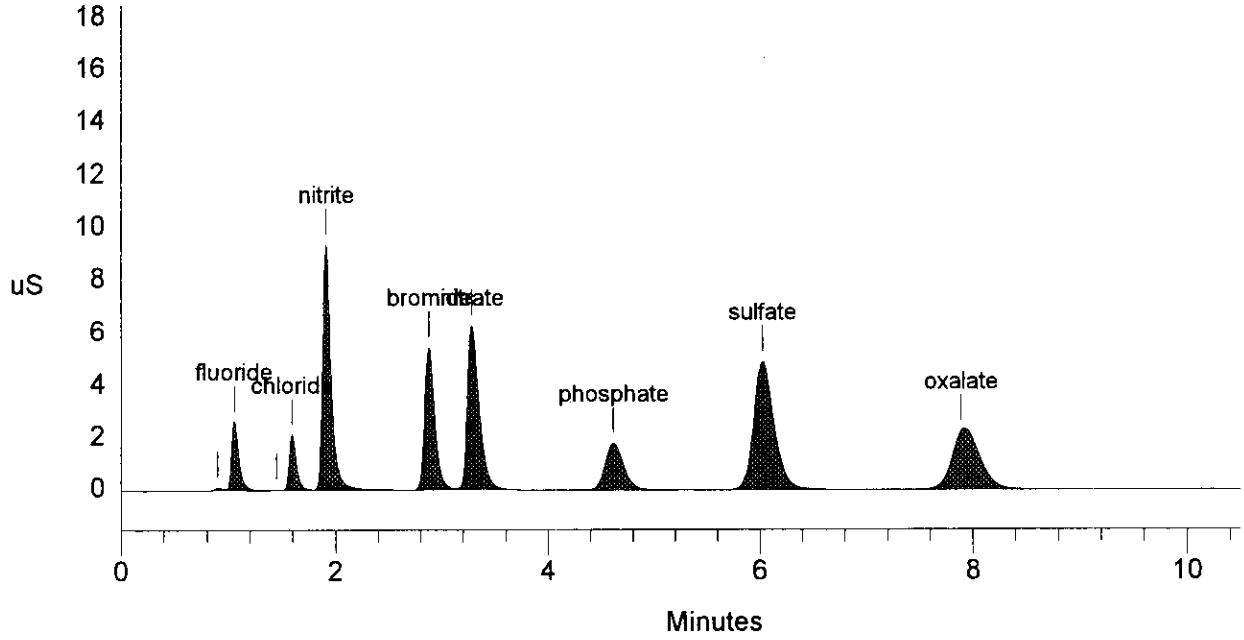
Sample Name: STD 133N9-C Date: 03/24/1996 15:20:13
Data File : C:\DX\DATA\96032411.d10
Method : C:\DX\METHOD\KIT.MET WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 10 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	72	322	2	
2	1.05	fluoride	61.445	2612	12000	2	0.32
4	1.59	chloride	76.666	2111	9526	1	-0.42
5	1.91	nitrite	556.656	9338	50354	1	-1.37
6	2.88	bromide	584.695	5436	34966	1	2.37
7	3.28	nitrate	607.047	6233	47481	1	4.46
8	4.61	phosphate	549.174	1794	21949	1	-1.14
9	6.03	sulfate	637.168	4904	65693	1	-0.88
10	7.89	oxalate	525.327	2252	42417	1	-0.67
		Totals	3598.178	34751	284707		

File: 96032411.d10 Sample: STD 133N9-C



Data Reprocessed On 03/26/1996 16:29:54

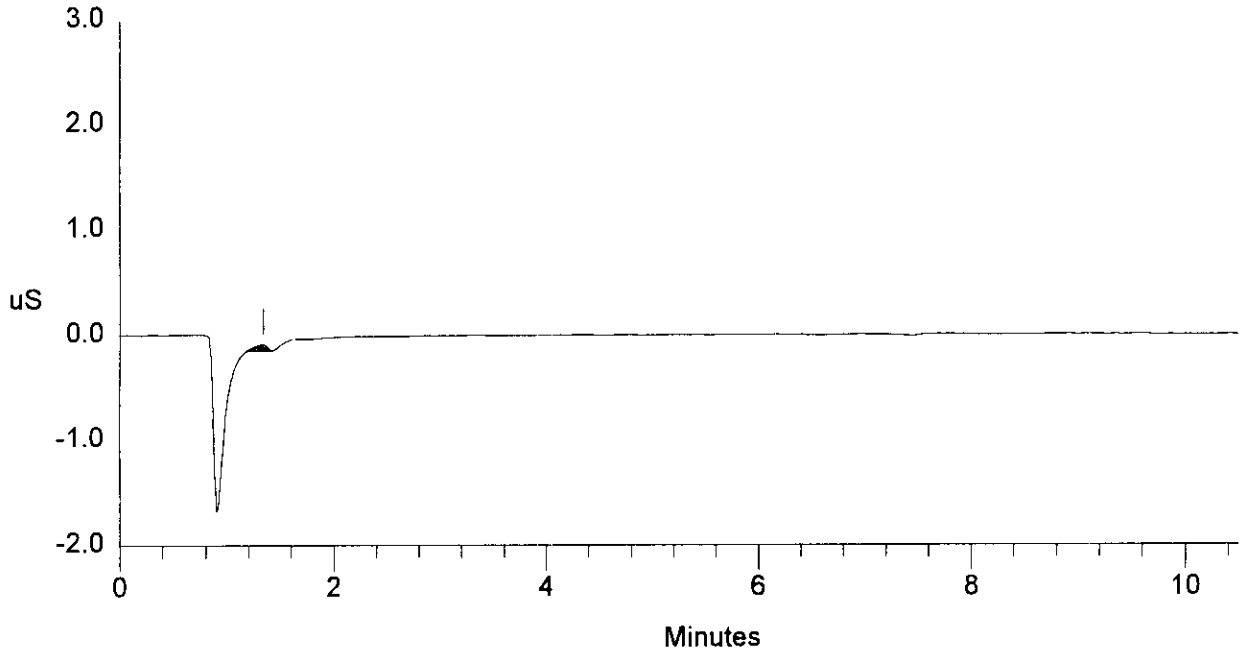
Sample Name: PREP-BLANK	Date: 03/24/1996 15:35:19
Data File : C:\DX\DATA\96032411.d11	
Method : C:\DX\METHOD\KIT.MET	WHO-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 11	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.34		0.000	58	479	1	
		Totals	0.000	58	479		

File: 96032411.d11 Sample: PREP-BLANK



Data Reprocessed On 03/26/1996 16:29:57

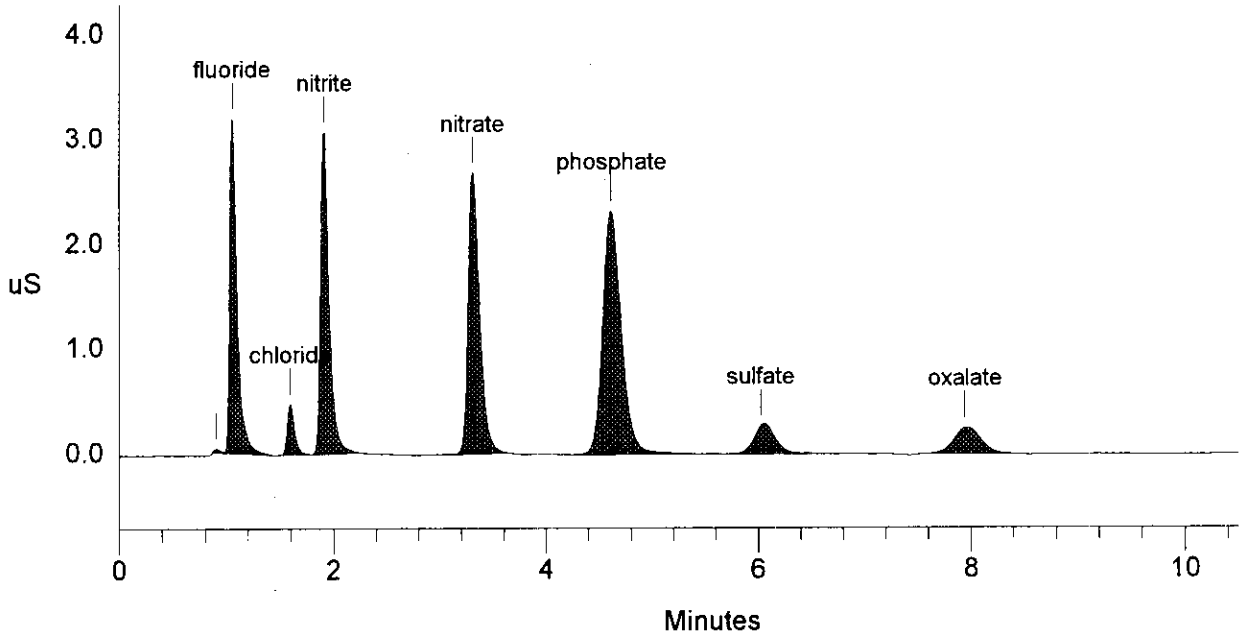
Sample Name: S96T000899 SAMPLE	Date: 03/24/1996 15:46:57
Data File : C:\DX\DATA\96032411.d12	
Method : C:\DX\METHOD\KIT.MET	WHO-CDC-WM-DP-178, REV. 1
ACI Address: 1 System: 1 Inject#: 12	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	39	163	2	
2	1.05	fluoride	77.210	3190	15205	2	0.32
3	1.59	chloride	18.475	474	2187	1	-0.42
4	1.91	nitrite	202.210	3067	16767	1	-1.37
5	3.31	nitrate	276.743	2669	19992	1	5.31
6	4.61	phosphate	692.753	2314	28167	1	-1.14
7	6.03	sulfate	61.639	268	4081	1	-0.88
8	7.95	oxalate	63.109	251	4578	1	0.00
		Totals	1392.139	12272	91139		

File: 96032411.d12 Sample: S96T000899 SAMPLE



Data Reprocessed On 03/26/1996 16:30:00

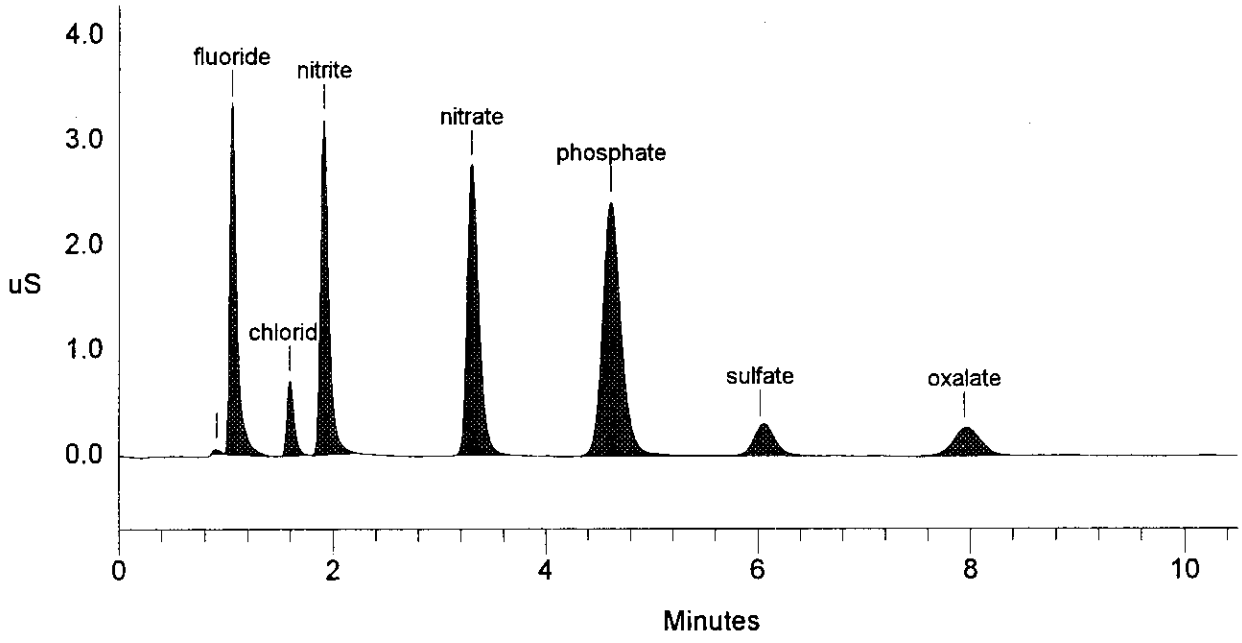
Sample Name: S96T000899 DUP. Date: 03/24/1996 16:02:46
Data File : C:\DX\DATA\96032411.d13
Method : C:\DX\METHOD\KIT.MET WHO-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 13 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	41	186	2	
2	1.05	fluoride	78.646	3314	15498	2	0.32
3	1.59	chloride	27.411	704	3305	1	-0.42
4	1.91	nitrite	205.976	3188	17122	1	-1.37
5	3.30	nitrate	289.979	2756	21086	1	5.10
6	4.61	phosphate	716.181	2417	29184	1	-1.14
7	6.03	sulfate	62.181	280	4138	1	-0.88
8	7.95	oxalate	67.840	267	4963	1	0.00
		Totals	1448.215	12967	95481		

File: 96032411.d13 Sample: S96T000899 DUP.



Data Reprocessed On 03/26/1996 16:30:03

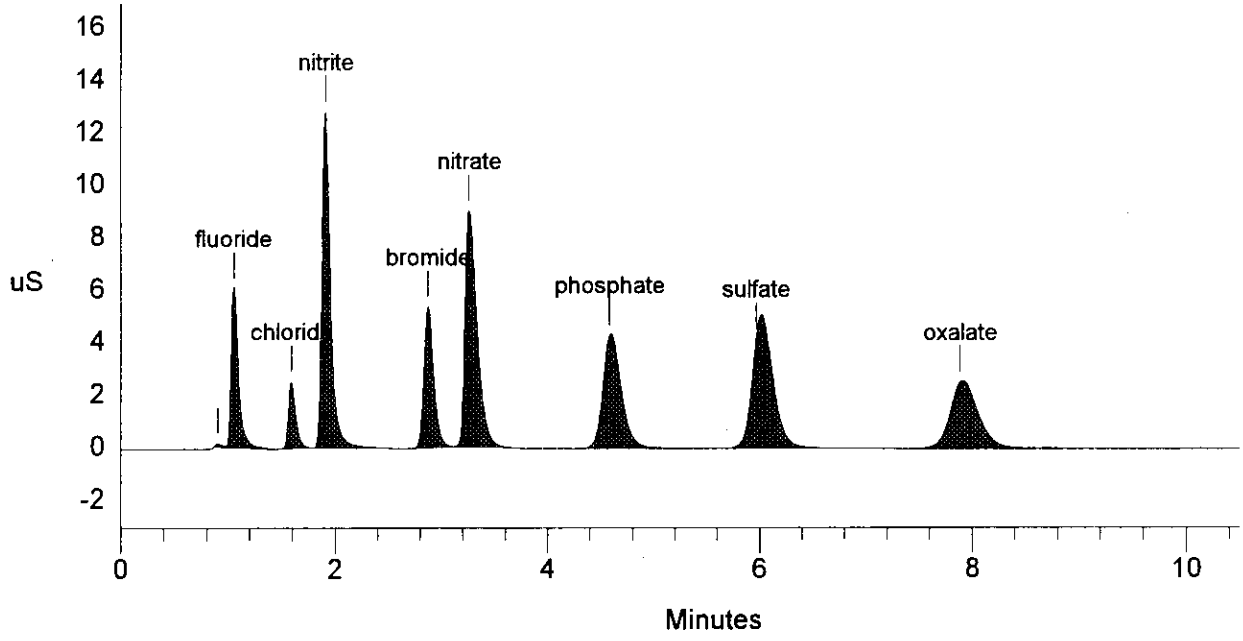
Sample Name: S96T000899 SPIKE	Date: 03/24/1996 16:17:03
Data File : C:\DX\DATA\96032411.d14	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 14	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	120	522	2	
2	1.05	fluoride	143.066	6050	28875	2	0.32
3	1.59	chloride	95.763	2535	11967	1	-0.42
4	1.91	nitrite	769.339	12794	70705	1	-1.37
5	2.87	bromide	562.609	5348	33565	1	2.13
6	3.26	nitrate	873.987	9001	69988	1	3.82
7	4.59	phosphate	1252.150	4312	52692	1	-1.71
8	5.97	sulfate	662.915	4180	68494	1	-1.75
9	7.89	oxalate	580.758	2542	46992	1	-0.67
		Totals	4940.585	46881	383798		

File: 96032411.d14 Sample: S96T000899 SPIKE



Data Reprocessed On 03/26/1996 16:30:06

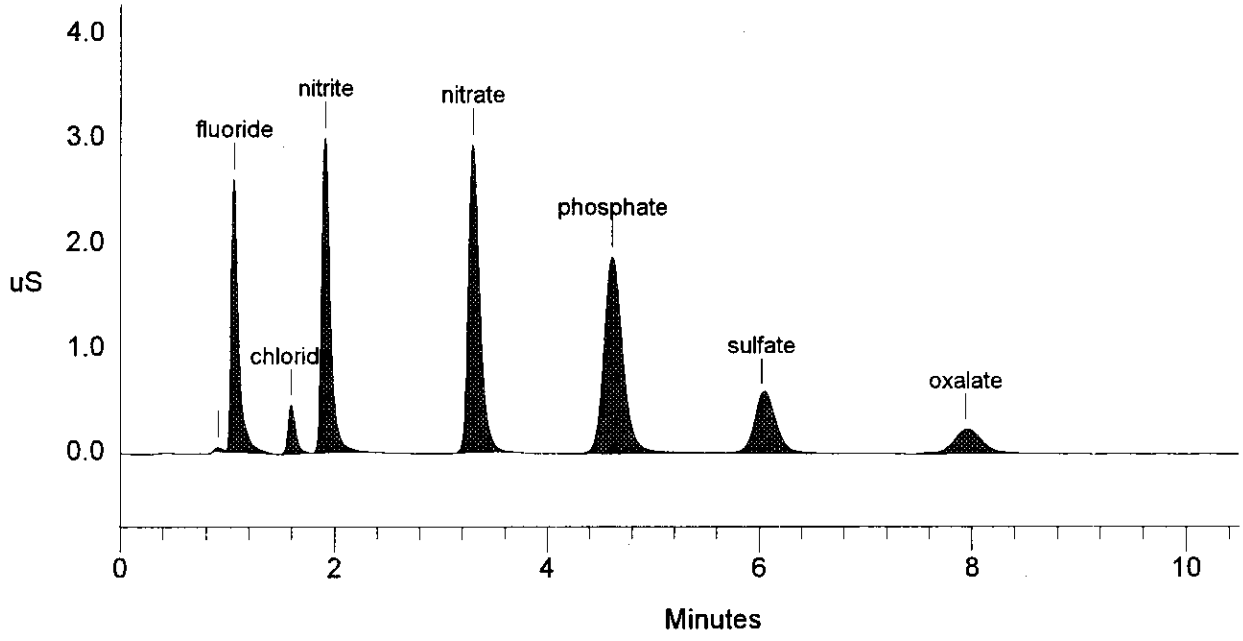
Sample Name: S96T000898 SAMPLE	Date: 03/24/1996 16:29:46
Data File : C:\DX\DATA\96032411.d15	WHO-GE-WM-DP-170, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 15	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	40	180	2	
2	1.06	fluoride	64.129	2603	12544	2	0.95
3	1.59	chloride	19.120	466	2267	1	-0.42
4	1.91	nitrite	202.969	3003	16839	1	-1.37
5	3.30	nitrate	298.180	2937	21764	1	5.10
6	4.61	phosphate	578.964	1879	23236	1	-1.14
7	6.03	sulfate	101.274	566	8265	1	-0.88
8	7.95	oxalate	60.206	233	4342	1	0.00
		Totals	1324.843	11728	89437		

File: 96032411.d15 Sample: S96T000898 SAMPLE



Data Reprocessed On 03/26/1996 16:30:09

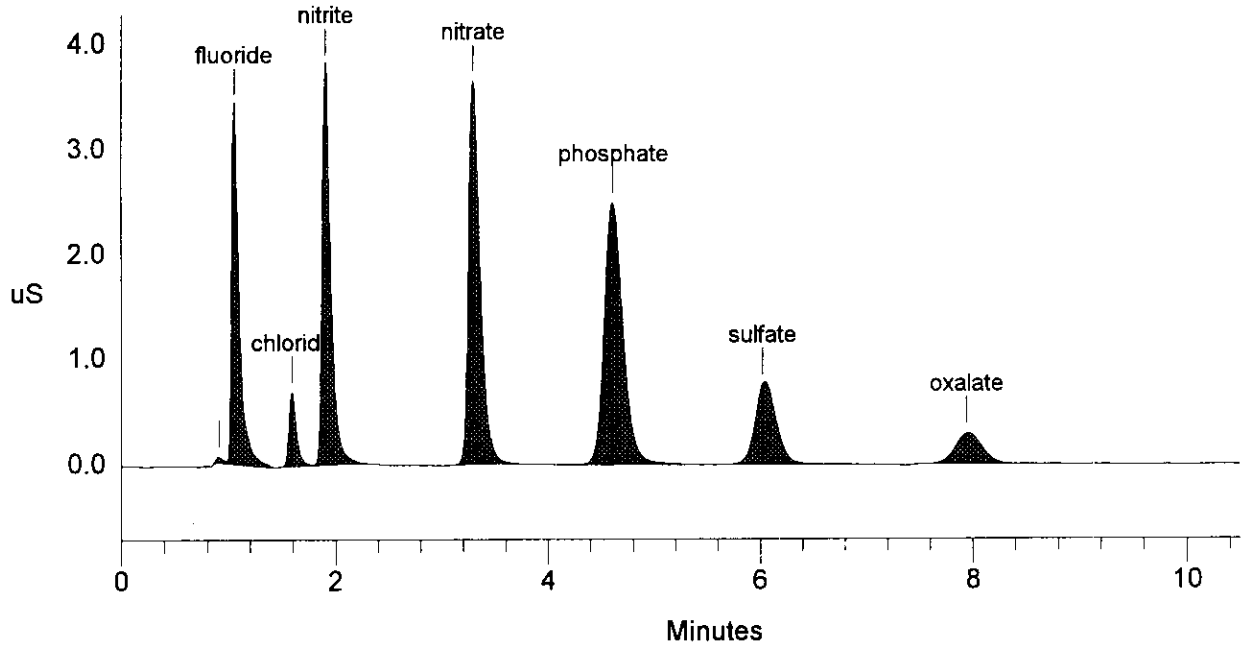
Sample Name: S96T000898 DUP.	Date: 03/24/1996 16:43:41
Data File : C:\DX\DATA\96032411.d16	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 16	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	54	249	2	
2	1.05	fluoride	85.214	3419	16842	2	0.32
3	1.59	chloride	27.242	693	3283	1	-0.42
4	1.91	nitrite	248.115	3800	21094	1	-1.72
5	3.29	nitrate	366.405	3642	27415	1	4.88
6	4.61	phosphate	745.919	2492	30477	1	-1.14
7	6.03	sulfate	124.517	755	10722	1	-0.88
8	7.95	oxalate	69.467	290	5095	1	0.00
		Totals	1666.878	15145	115177		

File: 96032411.d16 Sample: S96T000898 DUP.



LABCORE Data Entry Template for Worklist# 6796

Analyst: JLF **Instrument:** IC00 IC01 **Book#** 133N9-C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC nds

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000900	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000900	0	W	@IC-01	SOLID		
6	SAMPLE	S96T000901	0	W	@IC-01	SOLID	96000030	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
7	DUP	S96T000901	0	W	@IC-01	SOLID		

Final page for worklist # 6796

Joel Smith for JLF 4/30/96

Analyst Signature **Date**

In Shell
Uploaded

Analyst Signature **Date**

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code

LABCORE Completed Worklist Report for Worklist# 6796

Analyst: jlf **Instrument:** IC01 **Book#** 133N9-C

Method: LA533105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC nds

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		9.10e-02	0.091	ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		3.89e-01	0.389	ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		5.99e+01	101.525	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		7.65e+01	96.835	% Recovery
2	CCV			0	@IC-QC	NO2	QC	534		5.43e+02	101.685	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		5.77e+02	100.348	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		6.21e+02	101.140	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.47e+02	100.183	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		6.35e+02	100.634	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	504		5.24e+02	103.968	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1		<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1		3.10e-02	0.031	ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1		<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1		<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1		3.77e-01	0.377	ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1		<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1		<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1		<1.05e-1		ug/g
4	SAMPLE	S96T000900	W	0	@IC-01	F-02	SOLID	N/A		1.193e+04	48.850	ug/g
4	REJECT	S96T000900	W	0	@IC-01	F-02	SOLID	N/A		1.193e+04		ug/g
4	SAMPLE	S96T000900	W	0	@IC-01	CL-02	SOLID	N/A		2.756e+03	63.880	ug/g
4	REJECT	S96T000900	W	0	@IC-01	CL-02	SOLID	N/A		2.756e+03		ug/g
4	SAMPLE	S96T000900	W	0	@IC-01	NO2-02	SOLID	N/A		2.771e+04	402.100	ug/g
4	REJECT	S96T000900	W	0	@IC-01	NO2-02	SOLID	N/A		2.771e+04		ug/g
4	SAMPLE	S96T000900	W	0	@IC-01	BR-02	SOLID	N/A	<	473.600	473.600	ug/g
4	REJECT	S96T000900	W	0	@IC-01	BR-02	SOLID	N/A	<	4.735e+02		ug/g
4	SAMPLE	S96T000900	W	0	@IC-01	NO3-02	SOLID	N/A		3.426e+04	525.800	ug/g
4	REJECT	S96T000900	W	0	@IC-01	NO3-02	SOLID	N/A		3.426e+04		ug/g
4	SAMPLE	S96T000900	W	0	@IC-01	PO4-02	SOLID	N/A		1.127e+05	446.900	ug/g
4	REJECT	S96T000900	W	0	@IC-01	PO4-02	SOLID	N/A		1.127e+05		ug/g
4	SAMPLE	S96T000900	W	0	@IC-01	SO4-02	SOLID	N/A		1.331e+03	510.700	ug/g
4	REJECT	S96T000900	W	0	@IC-01	SO4-02	SOLID	N/A		1.331e+03		ug/g
4	SAMPLE	S96T000900	W	0	@IC-01	OXALATE2	SOLID	N/A		1.416e+04	394.600	ug/g
4	REJECT	S96T000900	W	0	@IC-01	OXALATE2	SOLID	N/A		1.416e+04		ug/g
5	DUP	S96T000900	W	0	@IC-01	F-02	SOLID	1.19e+04		6.16e+03	63.566	RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6796

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
5	DUP	S96T000900	0	W	@IC-01	CL-02	SOLID	2.76e+03	1.24e+03	76.000	RPD
5	DUP	S96T000900	0	W	@IC-01	NO2-02	SOLID	2.77e+04	1.29e+04	72.906	RPD
5	DUP	S96T000900	0	W	@IC-01	BR-02	SOLID	<4.74e2	<4.61e2		RPD
5	DUP	S96T000900	0	W	@IC-01	NO3-02	SOLID	3.43e+04	1.63e+04	71.146	RPD
5	DUP	S96T000900	0	W	@IC-01	PO4-02	SOLID	1.13e+05	5.60e+04	67.456	RPD
5	DUP	S96T000900	0	W	@IC-01	SO4-02	SOLID	1.33e+03	1.04e+03	24.473	RPD
5	DUP	S96T000900	0	W	@IC-01	OXALATE2	SOLID	1.42e+04	7.43e+03	62.598	RPD
6	SAMPLE	S96T000901	0	W	@IC-01	F-02	SOLID	N/A	1.033e+03	24.380	ug/g
6	REJECT	S96T000901	0	W	@IC-01	F-02	SOLID	N/A	1.033e+03		ug/g
6	SAMPLE	S96T000901	0	W	@IC-01	CL-02	SOLID	N/A	3.100e+03	31.880	ug/g
6	REJECT	S96T000901	0	W	@IC-01	CL-02	SOLID	N/A	3.100e+03		ug/g
6	SAMPLE	S96T000901	0	W	@IC-01	NO2-02	SOLID	N/A	3.381e+04	200.600	ug/g
6	REJECT	S96T000901	0	W	@IC-01	NO2-02	SOLID	N/A	3.381e+04		ug/g
6	SAMPLE	S96T000901	0	W	@IC-01	BR-02	SOLID	N/A <	2.363e+02	236.300	ug/g
6	REJECT	S96T000901	0	W	@IC-01	BR-02	SOLID	N/A <	2.363e+02		ug/g
6	SAMPLE	S96T000901	0	W	@IC-01	NO3-02	SOLID	N/A	4.003e+04	262.400	ug/g
6	REJECT	S96T000901	0	W	@IC-01	NO3-02	SOLID	N/A	4.003e+04		ug/g
6	SAMPLE	S96T000901	0	W	@IC-01	PO4-02	SOLID	N/A	1.247e+04	223.000	ug/g
6	REJECT	S96T000901	0	W	@IC-01	PO4-02	SOLID	N/A	1.247e+04		ug/g
6	SAMPLE	S96T000901	0	W	@IC-01	SO4-02	SOLID	N/A	6.797e+02	254.900	ug/g
6	REJECT	S96T000901	0	W	@IC-01	SO4-02	SOLID	N/A	6.797e+02		ug/g
6	SAMPLE	S96T000901	0	W	@IC-01	OXALATE2	SOLID	N/A	2.981e+03	196.900	ug/g
6	REJECT	S96T000901	0	W	@IC-01	OXALATE2	SOLID	N/A	2.981e+03		ug/g
7	DUP	S96T000901	0	W	@IC-01	F-02	SOLID	1.03e+03	1.38e+03	29.046	RPD
7	DUP	S96T000901	0	W	@IC-01	CL-02	SOLID	3.10e+03	3.26e+03	5.031	RPD
7	DUP	S96T000901	0	W	@IC-01	NO2-02	SOLID	3.38e+04	3.35e+04	0.892	RPD
7	DUP	S96T000901	0	W	@IC-01	BR-02	SOLID	<2.36e2	<2.36e2		RPD
7	DUP	S96T000901	0	W	@IC-01	NO3-02	SOLID	4.00e+04	4.22e+04	5.353	RPD
7	DUP	S96T000901	0	W	@IC-01	PO4-02	SOLID	1.25e+04	1.63e+04	26.389	RPD
7	DUP	S96T000901	0	W	@IC-01	SO4-02	SOLID	6.80e+02	7.25e+02	6.406	RPD
7	DUP	S96T000901	0	W	@IC-01	OXALATE2	SOLID	2.98e+03	4.25e+03	35.131	RPD

Comments Section:

Comments for sample# S96T000900 **and test** @IC-01 .

Dups are out. Rerun may be requested. nds
Dups are out. Rerun may be requested. nds
Dups are out. Rerun may be requested. nds
Dups are out. Rerun may be requested. nds

Final page for worklist# 6796

Analyst Signature **Date** **Analyst Signature** **Date**

Heather Anastos 4-22-96

Validated 5/7/96 JMF

Units shown for QC (BLK/BKG) may not reflect the actual units.

Data Reprocessed On 04/02/1996 16:06:23

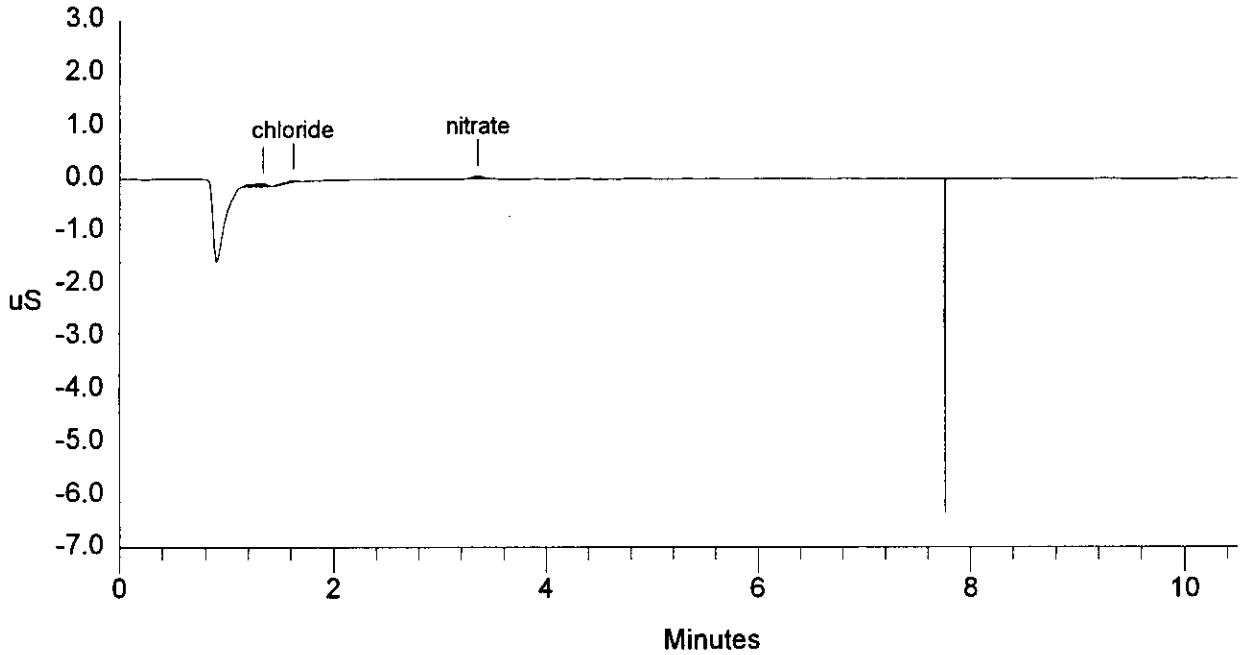
Sample Name: PREP BLK	Date: 03/27/1996 15:39:16
Data File : C:\DX\DATA\96032731.d16	WHC-SD-WM-DP-178, REV. /
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 16	Detector:CDM-1
Analyst : Jason Fuyo for JKF 6/19/96	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.34		0.000	55	578	1	
2	1.62	chloride	0.031	39	278	1	1.25
3	3.35	nitrate	0.377	58	371	1	6.79
		Totals	0.409	152	1227		

File: 96032731.d16 Sample: PREP BLK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 532 TO 542.

Data Reprocessed On 04/02/1996 16:06:26

Sample Name: BLANK	Date: 03/24/1996 21:21:05
Data File : C:\DX\DATA\96032411.d04	
Method : C:\DX\METHOD\KIT.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 4	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

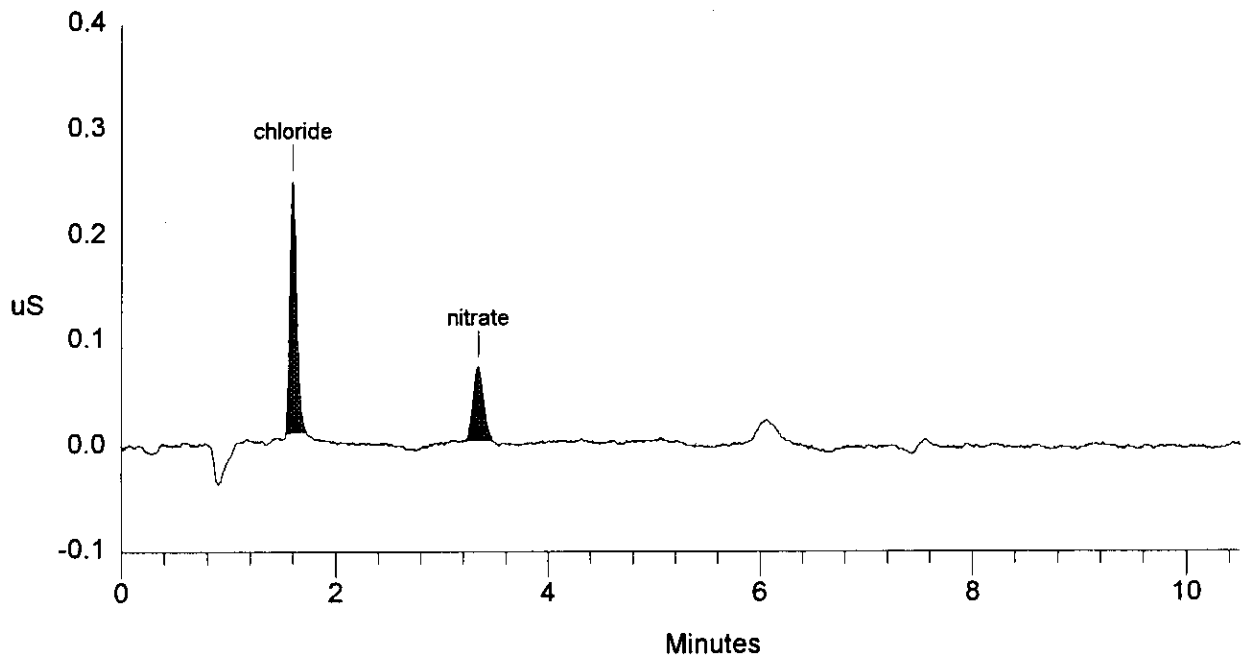
HAnastn for JLFrisby 5-21-96

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.60	chloride	0.091	239	1023	1	0.00
2	3.34	nitrate	0.389	69	463	1	6.37
		Totals	0.479	308	1486		

File: 96032411.d04 Sample: BLANK



Data Reprocessed On 04/02/1996 16:06:30

Sample Name: BLANK	Date: 03/24/1996 23:17:59
Data File : C:\DX\DATA\96032411.d05	
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 5	Detector: CDM-1
Analyst :	Column: AG4A/AS4A anion column

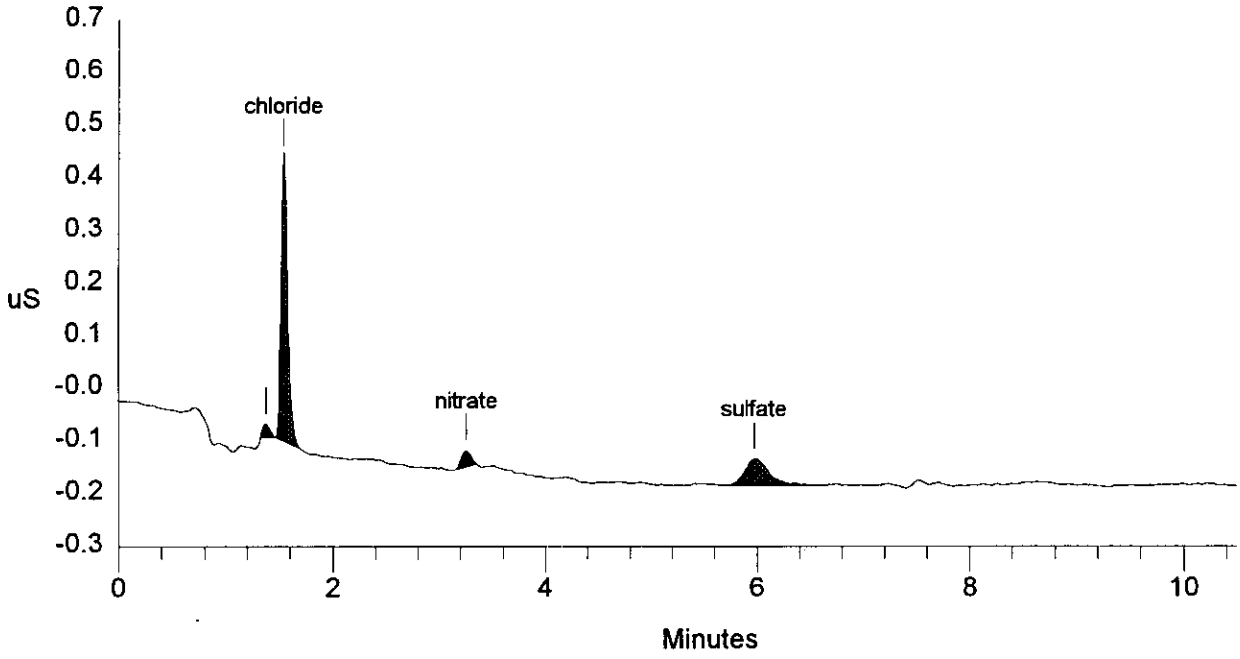
WHC-SD-WM-DP-179, REV 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.37		0.000	26	117	1	
2	1.54	chloride	0.193	543	2308	1	-3.75
3	3.25	nitrate	0.355	31	184	1	3.61
4	5.97	sulfate	0.298	49	762	1	-1.75
		Totals	0.846	648	3372		

File: 96032411.d05 Sample: BLANK



Data Reprocessed On 04/02/1996 16:06:33

Sample Name: 133N9-C STD Date: 03/24/1996 23:32:27
Data File : C:\DX\DATA\96032411.d06
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 6 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

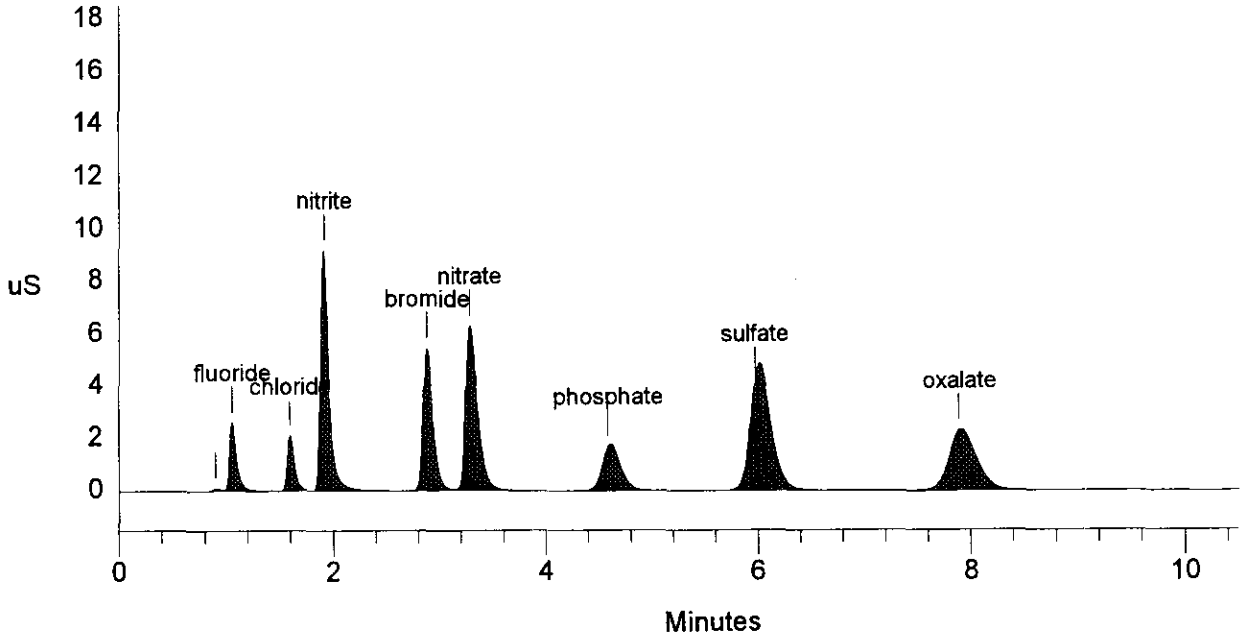
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	101	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	77	353	2	
2	1.05	fluoride	59.917	2577	11691	2	0.32
3	1.59	chloride	76.508	2072	9506	1	-0.42
4	1.91	nitrite	543.028	9174	49055	1	-1.37
5	2.88	bromide	577.479	5409	34508	1	2.37
6	3.28	nitrate	621.470	6265	48690	1	4.46
7	4.59	phosphate	546.741	1698	21844	1	-1.71
8	5.97	sulfate	635.006	4120	65458	1	-1.75
9	7.89	oxalate	524.216	2314	42325	1	-0.67
		Totals	3584.365	33705	283430		

File: 96032411.d06 Sample: 133N9-C STD



Data Reprocessed On 04/02/1996 16:06:37

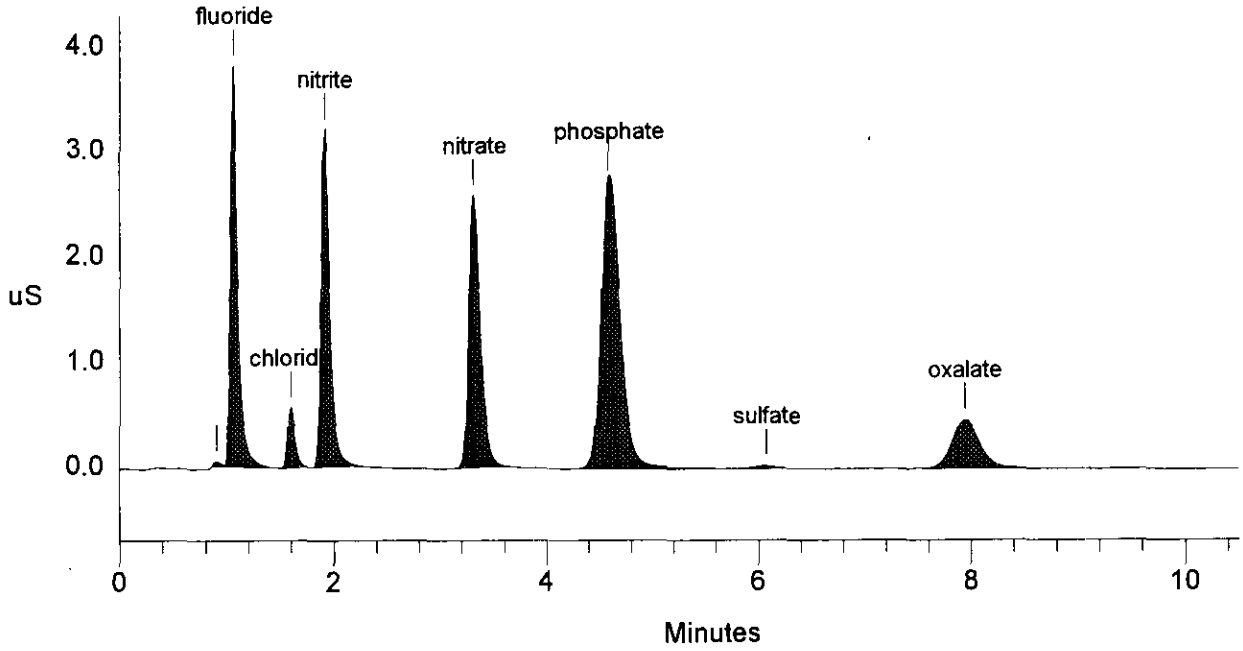
Sample Name: S96T000900 FILT/SAM Date: 03/24/1996 23:52:48
Data File : C:\DX\DATA\96032421.d07
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 7 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	101	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	44	201	2	
2	1.06	fluoride	90.979	3811	18024	2	0.95
3	1.59	chloride	22.746	571	2721	1	-0.42
4	1.91	nitrite	216.541	3209	18117	1	-1.37
5	3.31	nitrate	268.302	2578	19294	1	5.52
6	4.59	phosphate	832.500	2728	34248	1	-1.71
7	6.08	sulfate	26.265	25	354	1	0.00
8	7.95	oxalate	107.794	461	8212	1	0.00
		Totals	1565.127	13427	101173		

File: 96032421.d07 Sample: S96T000900 FILT/SAM



Data Reprocessed On 04/02/1996 16:06:40

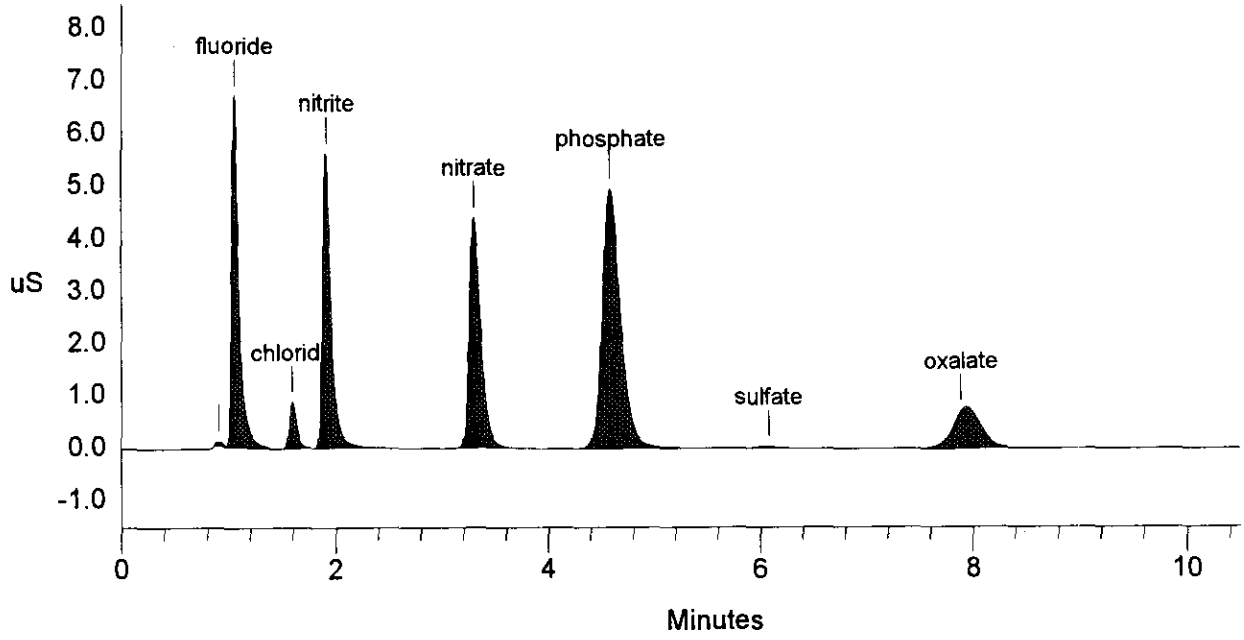
Sample Name: S96T000900 FILT/SAM	Date: 03/25/1996 00:07:45
Data File : C:\DX\DATA\96032421.d08	
Method : C:\DX\METHOD\KIT.MET	WHO-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 8	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	89	393	2	
2	1.05	fluoride	62.030	6693	30937	2	0.32
3	1.59	chloride	13.900	881	4161	1	-0.42
4	1.91	nitrite	142.679	5615	30862	1	-1.37
5	3.30	nitrate	177.427	4403	33286	1	5.10
6	4.59	phosphate	569.017	4954	59334	1	-1.71
7	6.08	sulfate	11.302	39	520	1	0.00
8	7.89	oxalate	75.099	729	14504	1	-0.67
		Totals	1051.454	23402	173997		

File: 96032421.d08 Sample: S96T000900 FILT/SAM



Data Reprocessed On 04/02/1996 16:06:44

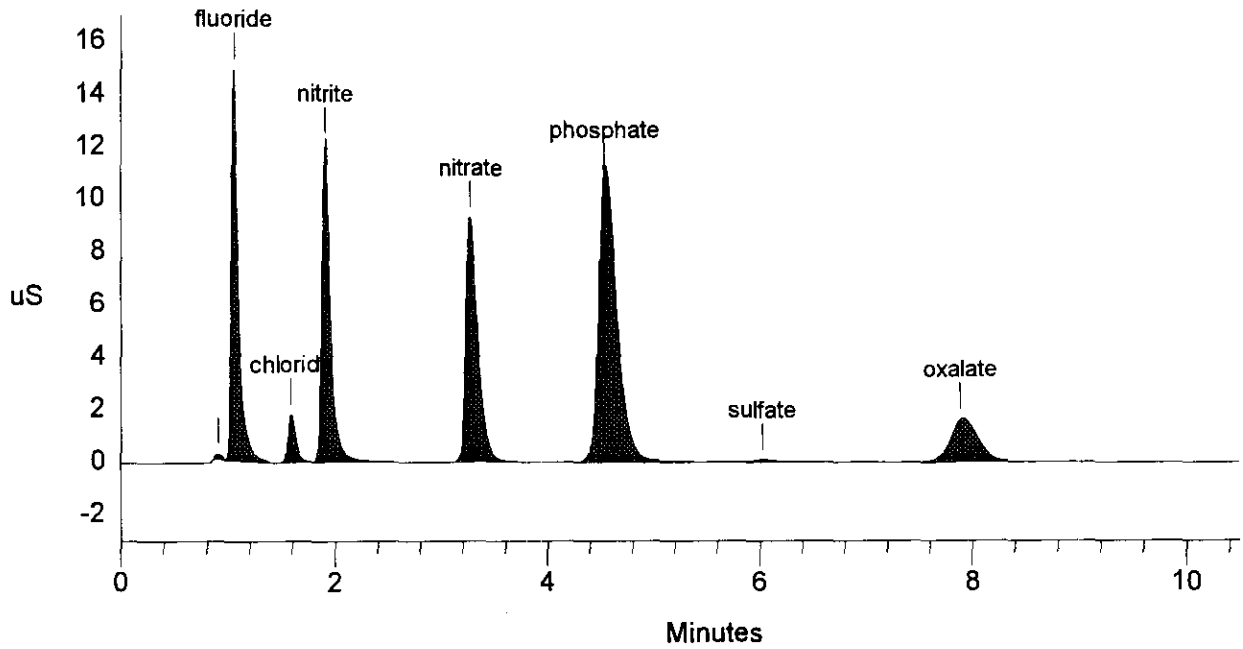
Sample Name: S96T000900 FILT/SAM	Date: 03/25/1996 00:20:05
Data File : C:\DX\DATA\96032421.d09	
Method : C:\DX\METHOD\KIT.MET	WHO-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 9	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	21	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	209	922	2	
2	1.05	fluoride	66.654	14900	68349	2	0.32
3	1.59	chloride	15.400	1831	9195	1	-0.83
4	1.91	nitrite	154.857	12114	68348	1	-1.72
5	3.27	nitrate	191.442	9301	73958	1	4.03
6	4.53	phosphate	629.797	10736	134077	1	-2.86
7	6.03	sulfate	7.437	93	1355	1	-0.88
8	7.89	oxalate	79.104	1641	30498	1	-0.67
		Totals	1144.692	50825	386702		

File: 96032421.d09 Sample: S96T000900 FILT/SAM



Data Reprocessed On 04/02/1996 16:06:47

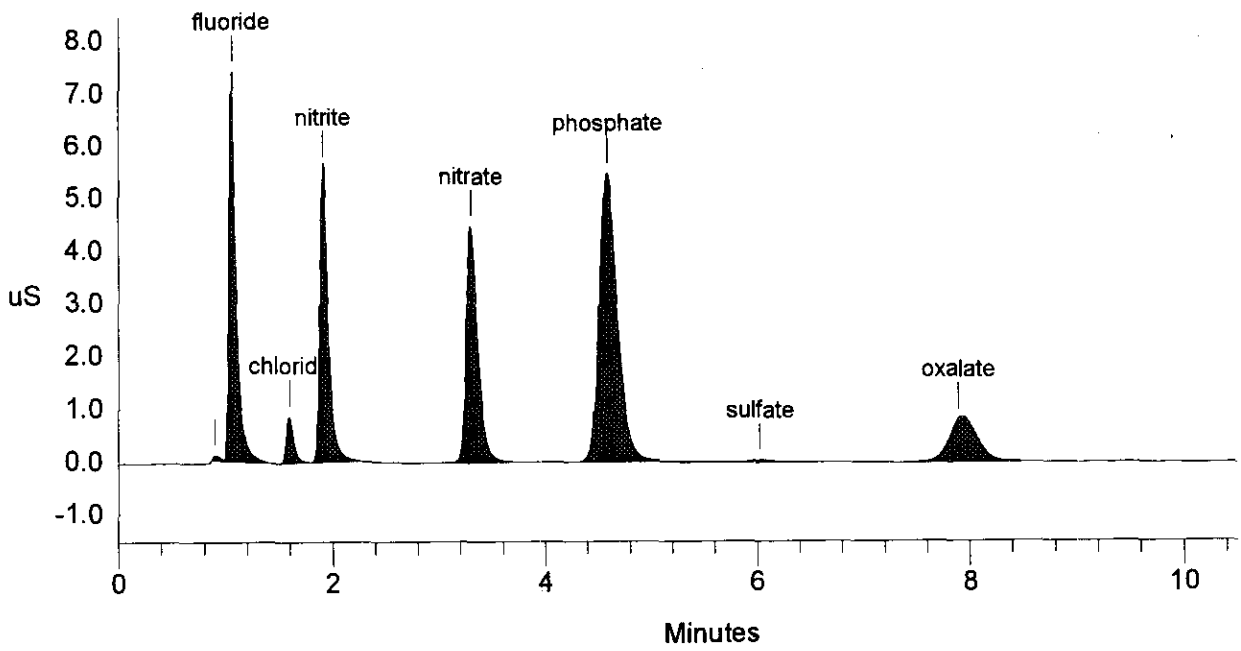
Sample Name: S96T000900 FILT/DUP	Date: 03/25/1996 00:33:52
Data File : C:\DX\DATA\96032421.d10	WHO-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 10	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	21	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	94	430	2	
2	1.05	fluoride	35.306	7416	34563	2	0.32
3	1.59	chloride	7.135	881	4170	1	-0.42
4	1.91	nitrite	73.916	5615	31243	1	-1.72
5	3.29	nitrate	93.263	4478	34241	1	4.88
6	4.59	phosphate	321.287	5495	65740	1	-1.71
7	6.03	sulfate	5.981	43	617	1	-0.88
8	7.89	oxalate	42.612	819	16131	1	-0.67
		Totals	579.498	24841	187136		

File: 96032421.d10 Sample: S96T000900 FILT/DUP



Data Reprocessed On 04/02/1996 16:06:51

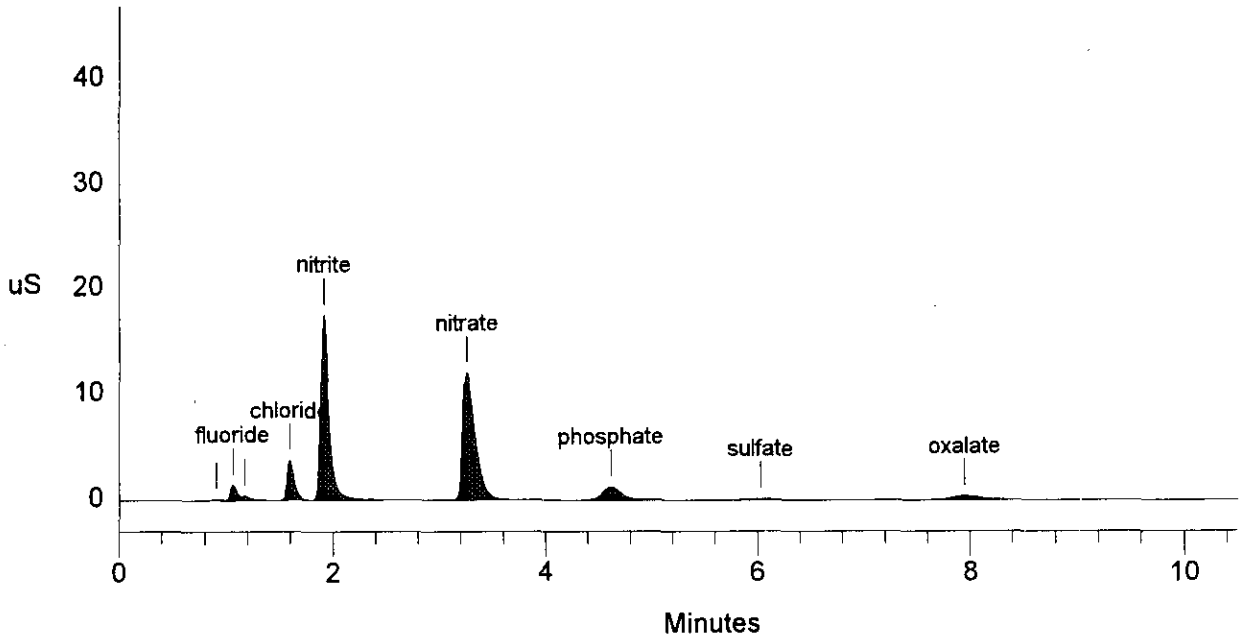
Sample Name: S96T000901 FILT/SAM	Date: 03/25/1996 00:45:43
Data File : C:\DX\DATA\96032421.d11	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 11	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	21	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	119	623	2	
2	1.06	fluoride	7.114	1465	6523	2	0.95
3	1.17		0.000	452	2648	2	
4	1.59	chloride	28.879	3777	17539	1	-0.42
5	1.91	nitrite	212.439	17542	95053	1	-1.37
6	3.25	nitrate	253.106	12090	99334	1	3.61
7	4.61	phosphate	81.836	1250	15246	1	-1.14
8	6.03	sulfate	8.384	118	1834	1	-0.88
9	7.95	oxalate	20.061	389	7292	1	0.00
		Totals	611.819	37201	246092		

File: 96032421.d11 Sample: S96T000901 FILT/SAM



Data Reprocessed On 04/02/1996 16:06:54

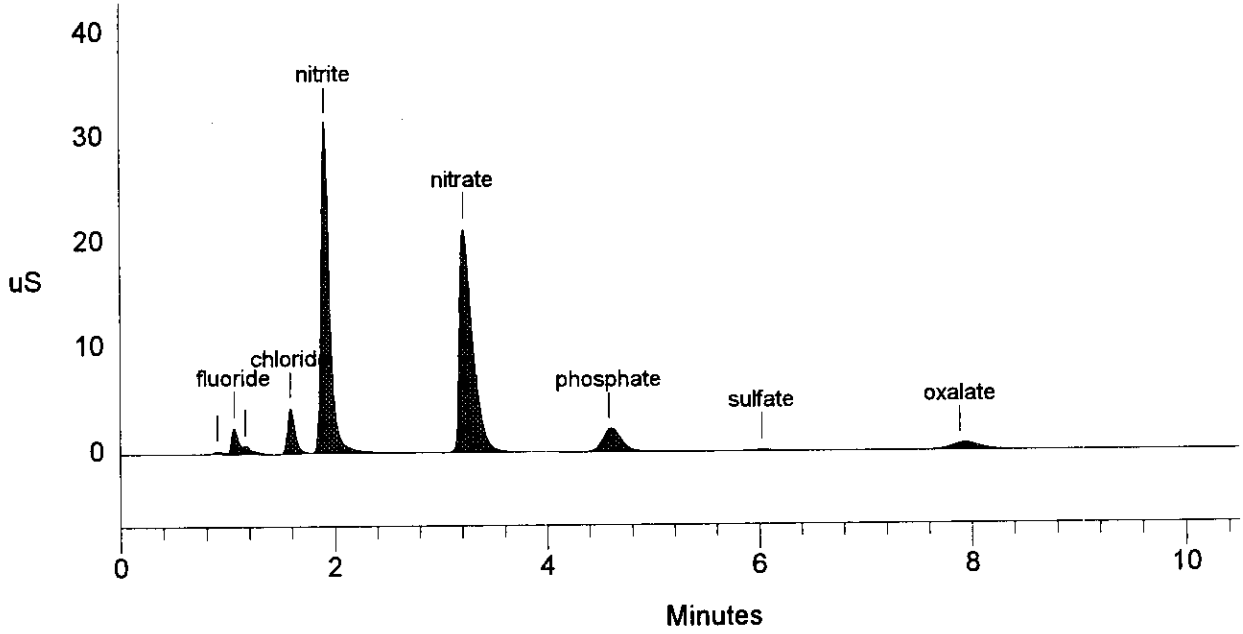
Sample Name: S96T000901 FILT/SAM Date: 03/25/1996 01:00:39
Data File : C:\DX\DATA\96032421.d12 WHO-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 12 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	11	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	225	1225	2	
2	1.06	fluoride	6.059	2458	10824	2	0.95
3	1.17		0.000	804	4841	2	
4	1.59	chloride	18.185	4269	21213	1	-0.83
5	1.91	nitrite	198.308	31331	173620	1	-1.37
6	3.21	nitrate	234.817	21179	182035	1	2.34
7	4.59	phosphate	73.133	2151	27244	1	-1.71
8	6.03	sulfate	3.987	104	1443	1	-0.88
9	7.89	oxalate	17.489	628	12512	1	-0.67
		Totals	551.977	63150	434958		

File: 96032421.d12 Sample: S96T000901 FILT/SAM



Data Reprocessed On 04/02/1996 16:06:58

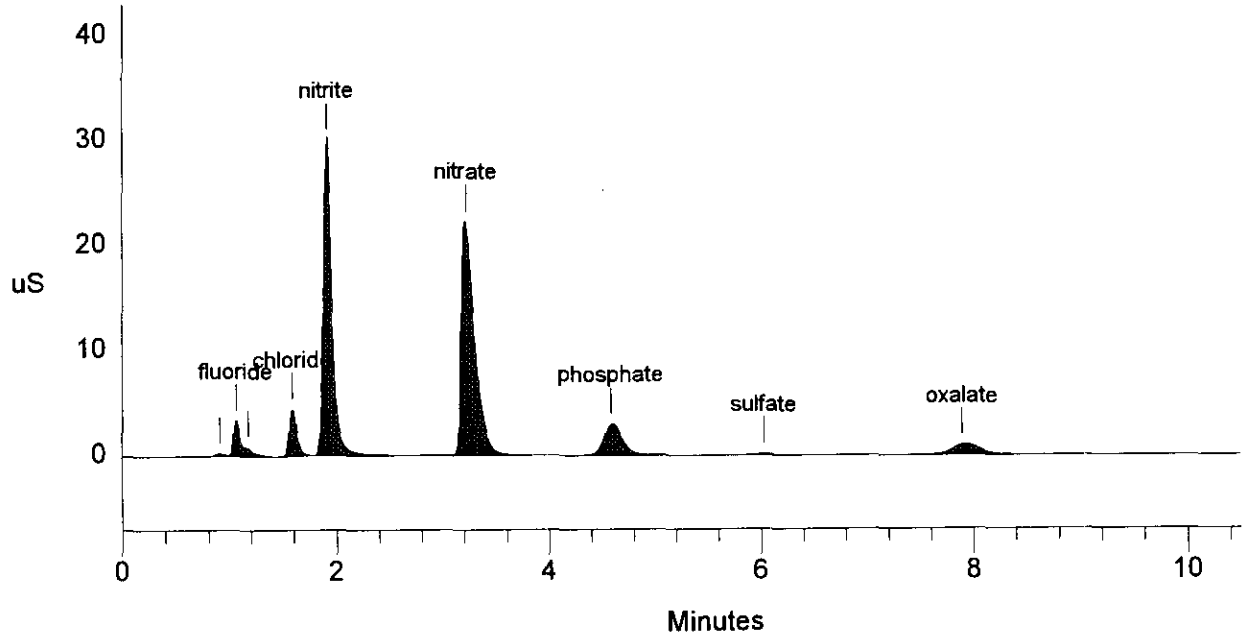
Sample Name: S96T000901 FILT/DUP	Date: 03/25/1996 01:12:15
Data File : C:\DX\DATA\96032421.d13	WHO-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 13	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	11	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	225	1179	2	
2	1.06	fluoride	8.116	3364	14655	2	0.95
3	1.17		0.000	864	5121	2	
4	1.59	chloride	19.133	4447	22360	1	-0.83
5	1.91	nitrite	196.635	30046	172088	1	-1.37
6	3.21	nitrate	248.088	22319	193054	1	2.34
7	4.59	phosphate	95.836	2948	36320	1	-1.71
8	6.03	sulfate	4.259	120	1706	1	-0.88
9	7.89	oxalate	24.936	946	18092	1	-0.67
		Totals	597.004	65279	464576		

File: 96032421.d13 Sample: S96T000901 FILT/DUP



LABCORE Data Entry Template for Worklist# 6799

Analyst: DPB **Instrument:** IC00 _____ **Book#** 133 N9-C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 IC. RCJ

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	SAMPLE	S96T001383	0		@IC-01	LIQUID	96000094	S102
	Analytes Requested:	BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02						
4	DUP	S96T001383	0		@IC-01	LIQUID		
5	SPK	S96T001383	0		@IC-01	LIQUID		
6	SAMPLE	S96T001382	0		@IC-01	LIQUID	96000094	S102
	Analytes Requested:	BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02						
7	DUP	S96T001382	0		@IC-01	LIQUID		

Final page for worklist # 6799

Daniel P. Bromly 4/1/96 0210

Analyst Signature **Date** **Analyst Signature** **Date**

Exported
In shell
U. Guadiel 4/8/96

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

WHO-SD-WM-DP-179, REV. 1

LABCORE Completed Worklist Report for Worklist# 6799

Analyst: dpb **Instrument:** IC01 **Book#** 133NC

Method: 24-533-05 Rev/Mod D-1

Worklist Comment: S-102 IC. RCJ

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		3.49e-01	0.349	ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		6.20e+01	105.085	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		7.98e+01	101.013	% Recovery
2	CCV			0	@IC-QC	NO2	QC	534		5.61e+02	105.056	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		5.75e+02	100.000	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		6.20e+02	100.977	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.45e+02	99.817	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		6.35e+02	100.634	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	504		5.25e+02	104.167	% Recovery
3	SAMPLE	S96T001383		0	@IC-01	F-02	LIQUID	N/A	<	1.326e+02	132.600	ug/mL
3	REJECT	S96T001383		0	@IC-01	F-02	LIQUID	N/A	<	1.326e+02		ug/mL
3	SAMPLE	S96T001383		0	@IC-01	CL-02	LIQUID	N/A		1.060e+04	173.400	ug/mL
3	REJECT	S96T001383		0	@IC-01	CL-02	LIQUID	N/A		1.060e+04		ug/mL
3	SAMPLE	S96T001383		0	@IC-01	NO2-02	LIQUID	N/A		1.007e+05	1092.000	ug/mL
3	REJECT	S96T001383		0	@IC-01	NO2-02	LIQUID	N/A		1.007e+05		ug/mL
3	SAMPLE	S96T001383		0	@IC-01	BR-02	LIQUID	N/A		4.379e+03	1285.000	ug/mL
3	REJECT	S96T001383		0	@IC-01	BR-02	LIQUID	N/A		4.379e+03		ug/mL
3	SAMPLE	S96T001383		0	@IC-01	NO3-02	LIQUID	N/A		1.093e+05	1428.000	ug/mL
3	REJECT	S96T001383		0	@IC-01	NO3-02	LIQUID	N/A		1.093e+05		ug/mL
3	SAMPLE	S96T001383		0	@IC-01	PO4-02	LIQUID	N/A		5.491e+03	1213.000	ug/mL
3	REJECT	S96T001383		0	@IC-01	PO4-02	LIQUID	N/A		5.491e+03		ug/mL
3	SAMPLE	S96T001383		0	@IC-01	SO4-02	LIQUID	N/A		3.712e+03	1386.000	ug/mL
3	REJECT	S96T001383		0	@IC-01	SO4-02	LIQUID	N/A		3.712e+03		ug/mL
3	SAMPLE	S96T001383		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.071e+03	1071.000	ug/mL
3	REJECT	S96T001383		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.071e+03		ug/mL
4	DUP	S96T001383		0	@IC-01	F-02	LIQUID	<1.33e2		<1.33e2		RPD
4	DUP	S96T001383		0	@IC-01	CL-02	LIQUID	1.06e+04		1.06e+04	0.000	RPD
4	DUP	S96T001383		0	@IC-01	NO2-02	LIQUID	1.01e+05		1.02e+05	0.985	RPD
4	DUP	S96T001383		0	@IC-01	BR-02	LIQUID	4.38e+03		<1.29e3		RPD
4	DUP	S96T001383		0	@IC-01	NO3-02	LIQUID	1.09e+05		1.08e+05	0.922	RPD
4	DUP	S96T001383		0	@IC-01	PO4-02	LIQUID	5.49e+03		5.08e+03	7.758	RPD
4	DUP	S96T001383		0	@IC-01	SO4-02	LIQUID	3.71e+03		3.87e+03	4.222	RPD
4	DUP	S96T001383		0	@IC-01	OXALATE2	LIQUID	<1.07e3		<1.07e3		RPD
5	SPK	S96T001383		0	@IC-01	F-02	LIQUID	59		4.05e+01	68.644	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6799

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
5	SPK	S96T001383		0	@IC-01	CL-02	LIQUID	79		7.69e+01	97.342	% Recovery
5	SPK	S96T001383		0	@IC-01	NO2-02	LIQUID	534		5.95e+02	111.423	% Recovery
5	SPK	S96T001383		0	@IC-01	BR-02	LIQUID	575		5.62e+02	97.739	% Recovery
5	SPK	S96T001383		0	@IC-01	NO3-02	LIQUID	614		6.53e+02	106.352	% Recovery
5	SPK	S96T001383		0	@IC-01	PO4-02	LIQUID	546		5.06e+02	92.674	% Recovery
5	SPK	S96T001383		0	@IC-01	SO4-02	LIQUID	631		6.19e+02	98.098	% Recovery
5	SPK	S96T001383		0	@IC-01	OXALATE2	LIQUID	504		5.27e+02	104.563	% Recovery
6	SAMPLE	S96T001382		0	@IC-01	F-02	LIQUID	N/A		7.032e+02	132.600	ug/mL
6	REJECT	S96T001382		0	@IC-01	F-02	LIQUID	N/A		7.032e+02		ug/mL
6	SAMPLE	S96T001382		0	@IC-01	CL-02	LIQUID	N/A		1.293e+04	173.400	ug/mL
6	REJECT	S96T001382		0	@IC-01	CL-02	LIQUID	N/A		1.293e+04		ug/mL
6	SAMPLE	S96T001382		0	@IC-01	NO2-02	LIQUID	N/A		1.451e+05	1092.000	ug/mL
6	REJECT	S96T001382		0	@IC-01	NO2-02	LIQUID	N/A		1.451e+05		ug/mL
6	SAMPLE	S96T001382		0	@IC-01	BR-02	LIQUID	N/A	<	1.285e+03	1285.000	ug/mL
6	REJECT	S96T001382		0	@IC-01	BR-02	LIQUID	N/A	<	1.285e+03		ug/mL
6	SAMPLE	S96T001382		0	@IC-01	NO3-02	LIQUID	N/A		1.413e+05	1428.000	ug/mL
6	REJECT	S96T001382		0	@IC-01	NO3-02	LIQUID	N/A		1.413e+05		ug/mL
6	SAMPLE	S96T001382		0	@IC-01	PO4-02	LIQUID	N/A		6.340e+03	1213.000	ug/mL
6	REJECT	S96T001382		0	@IC-01	PO4-02	LIQUID	N/A		6.340e+03		ug/mL
6	SAMPLE	S96T001382		0	@IC-01	SO4-02	LIQUID	N/A		4.064e+03	1386.000	ug/mL
6	REJECT	S96T001382		0	@IC-01	SO4-02	LIQUID	N/A		4.064e+03		ug/mL
6	SAMPLE	S96T001382		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.071e+03	1071.000	ug/mL
6	REJECT	S96T001382		0	@IC-01	OXALATE2	LIQUID	N/A	<	1.071e+03		ug/mL
7	DUP	S96T001382		0	@IC-01	F-02	LIQUID	7.03e+02		6.43e+02	8.915	RPD
7	DUP	S96T001382		0	@IC-01	CL-02	LIQUID	1.29e+04		1.29e+04	0.000	RPD
7	DUP	S96T001382		0	@IC-01	NO2-02	LIQUID	1.45e+05		1.44e+05	0.692	RPD
7	DUP	S96T001382		0	@IC-01	BR-02	LIQUID	<1.28e3		<1.29e3		RPD
7	DUP	S96T001382		0	@IC-01	NO3-02	LIQUID	1.41e+05		1.42e+05	0.707	RPD
7	DUP	S96T001382		0	@IC-01	PO4-02	LIQUID	6.34e+03		6.07e+03	4.351	RPD
7	DUP	S96T001382		0	@IC-01	SO4-02	LIQUID	4.06e+03		3.94e+03	3.000	RPD
7	DUP	S96T001382		0	@IC-01	OXALATE2	LIQUID	<1.07e3		<1.07e3		RPD

Final page for worklist# 6799

Analyst Signature Date

Analyst Signature Date

Reviewer Signature Date 4/18/96

Units shown for QC (BLK/BKG) may not reflect the actual units.

Data Reprocessed On 04/02/1996 15:59:57

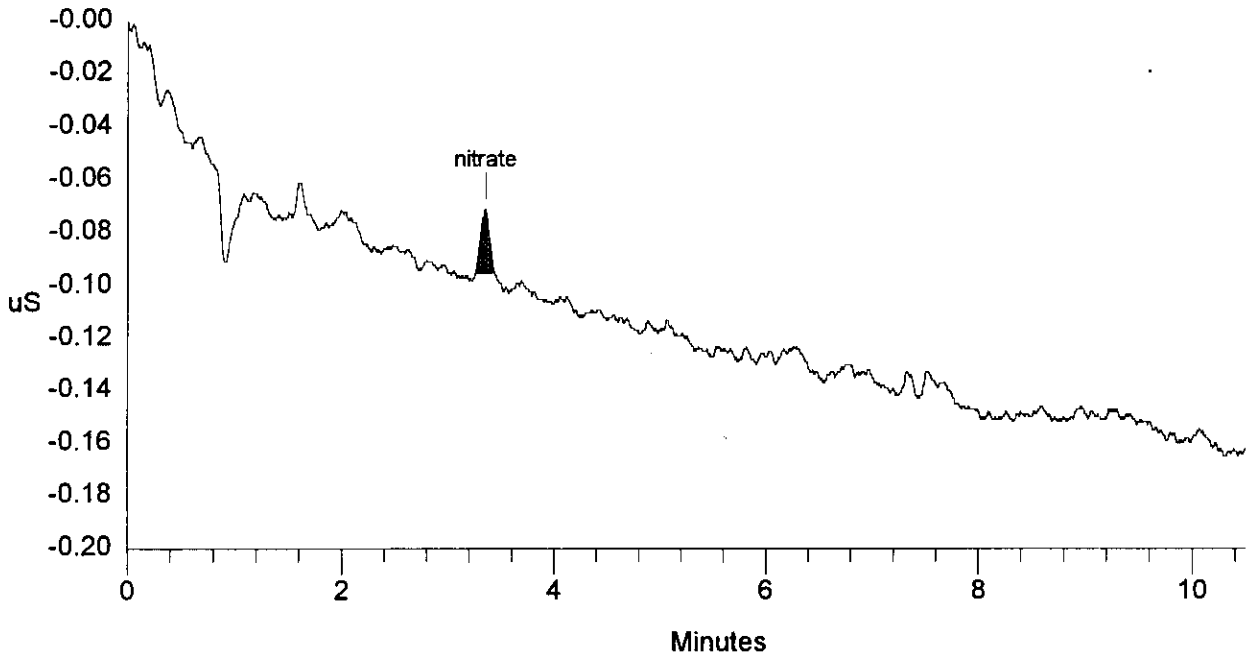
Sample Name: ELUENT BLANK	Date: 03/31/1996 19:22:20
Data File : C:\DX\DATA\96033131.d01	
Method : C:\DX\METHOD\KIT.MET	WMC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 1	Detector:CDM-1
Analyst : N. Smith 4/9/96 Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	3.35	nitrate	0.349	24	135	1	6.79
		Totals	0.349	24	135		

File: 96033131.d01 Sample: ELUENT BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 546 TO 552

Data Reprocessed On 04/02/1996 16:00:04

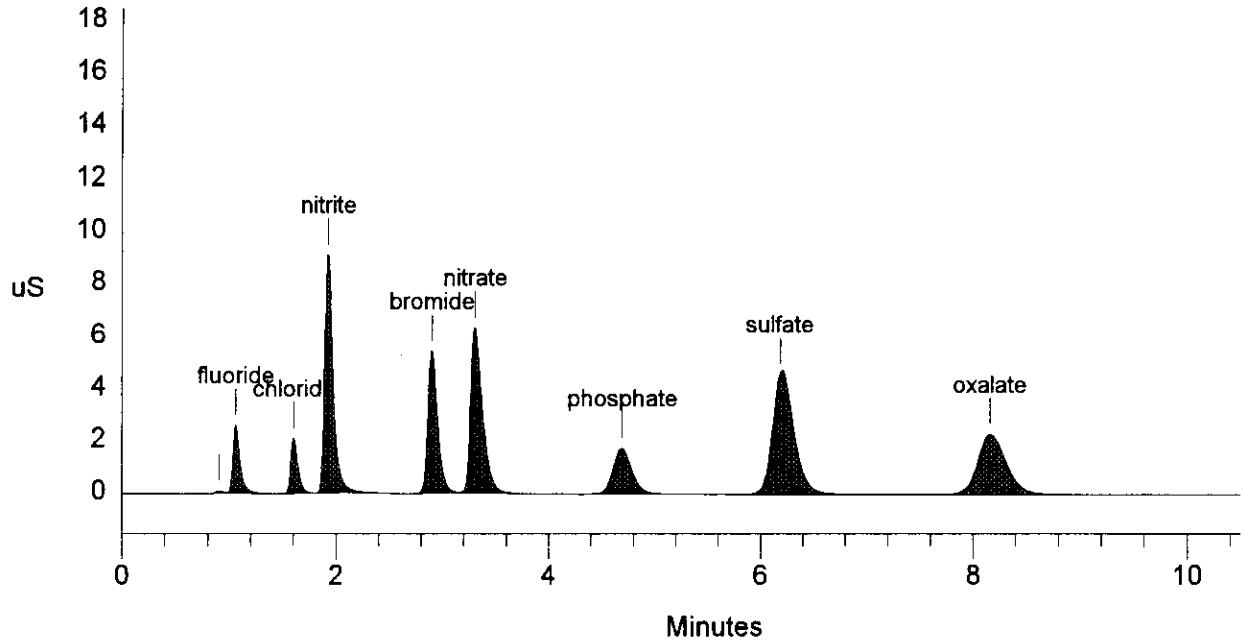
Sample Name: STD 133N9-C Date: 03/31/1996 19:53:11
Data File : C:\DX\DATA\96033131.d03
Method : C:\DX\METHOD\KIT.MET WHO-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 3 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	73	336	2	
2	1.06	fluoride	62.025	2582	12117	2	0.95
3	1.61	chloride	79.825	2111	9929	1	0.42
4	1.93	nitrite	561.481	9111	50814	1	-0.69
5	2.90	bromide	574.648	5444	34328	1	3.08
6	3.31	nitrate	620.009	6311	48568	1	5.31
7	4.69	phosphate	545.239	1748	21779	1	0.57
8	6.19	sulfate	635.268	4601	65486	1	1.75
9	8.16	oxalate	525.310	2290	42416	1	2.68
		Totals	3603.805	34271	285773		

File: 96033131.d03 Sample: STD 133N9-C



Data Reprocessed On 04/02/1996 16:00:07

Sample Name: S96T001383 SAM Date: 03/31/1996 21:48:16
Data File : C:\DX\DATA\96033131.d04
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 4 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

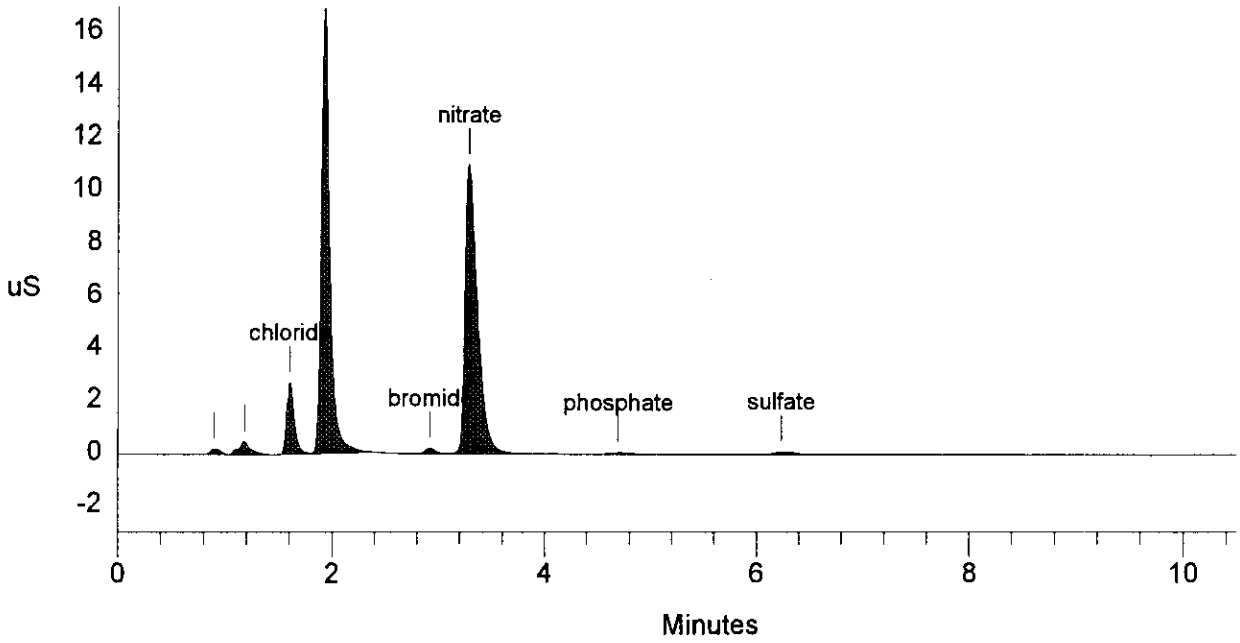
WHO-CD-WM-DP-170, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	10201	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	204	1174	1	
2	1.18		0.000	515	4076	1	
3	1.61	chloride	10598.075	2727	13144	1	0.42
4	1.93	nitrite	100682.383	16759	92643	1	-0.69
5	2.92	bromide	4379.231	204	1208	1	3.79
6	3.29	nitrate	109330.924	10969	87754	1	4.67
7	4.69	phosphate	5491.061	55	753	1	0.57
8	6.24	sulfate	3712.189	101	1458	1	2.63
		Totals	234193.863	31535	202211		

File: 96033131.d04 Sample: S96T001383 SAM



Data Reprocessed On 04/02/1996 16:00:11

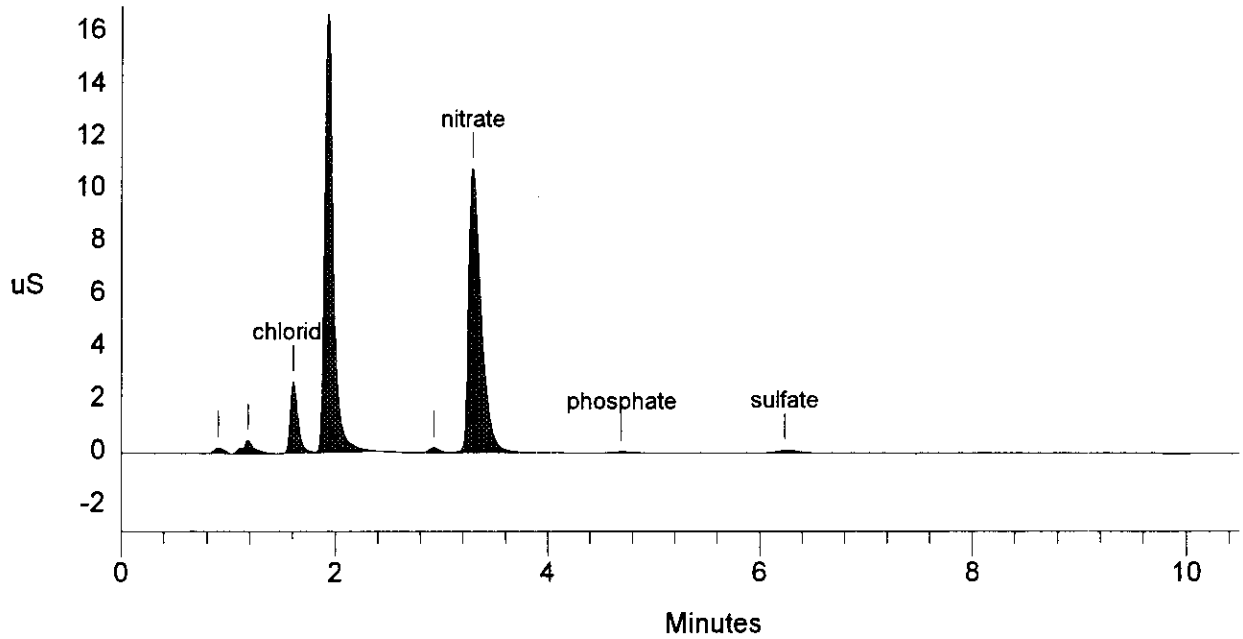
Sample Name: S96T001383 DUP	Date: 03/31/1996 22:04:21
Data File : C:\DX\DATA\96033131.d05	WHO-CLP/RM-DP-170, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 5	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	10201	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	202	1147	1	
2	1.18		0.000	499	3878	1	
3	1.61	chloride	10559.912	2717	13096	1	0.42
4	1.93	nitrite	102047.640	16581	93952	1	-0.69
5	2.93		0.000	194	1138	1	
6	3.29	nitrate	107677.112	10793	86353	1	4.67
7	4.69	phosphate	5077.345	48	579	1	0.57
8	6.24	sulfate	3873.873	104	1627	1	2.63
		Totals	229235.882	31137	201769		

File: 96033131.d05 Sample: S96T001383 DUP



Data Reprocessed On 04/02/1996 16:00:14

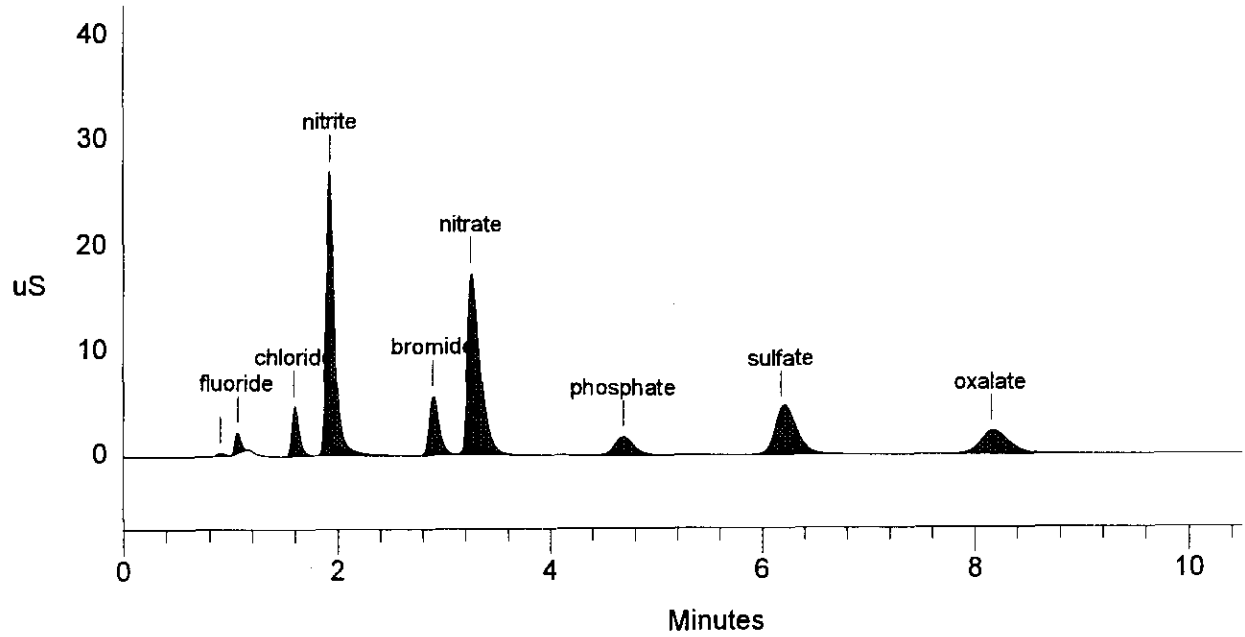
Sample Name: S96T001383 SPK	Date: 03/31/1996 22:18:33
Data File : C:\DX\DATA\96033131.d06	WHO-SD-WSA-DP-176, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	10201	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	271	1340	1	
2	1.07	fluoride	4049.854	2023	7700	1	1.59
3	1.60	chloride	18290.550	4797	23075	1	0.00
4	1.93	nitrite	160235.292	27027	150340	1	-0.34
5	2.90	bromide	60576.131	5695	35923	1	3.08
6	3.26	nitrate	174602.351	17295	143924	1	3.82
7	4.69	phosphate	56121.668	1778	22229	1	0.57
8	6.19	sulfate	65587.650	4521	67021	1	1.75
9	8.16	oxalate	52666.134	2219	42097	1	2.68
		Totals	592129.631	65626	493650		

File: 96033131.d06 Sample: S96T001383 SPK



Data Reprocessed On 04/02/1996 16:00:18

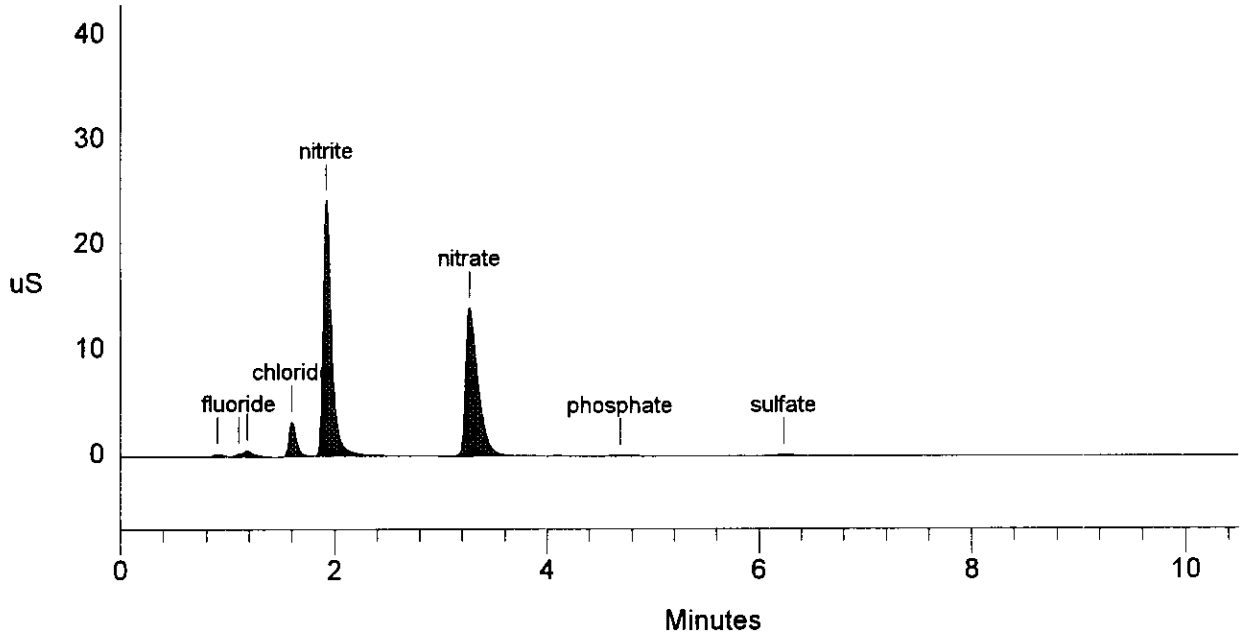
Sample Name: S96T001382 SAM	Date: 03/31/1996 22:41:31
Data File : C:\DX\DATA\96033131.d07	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 7	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	10201	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	245	1502	2	
2	1.11	fluoride	703.205	296	1113	2	5.40
3	1.18		0.000	640	4068	2	
4	1.60	chloride	12934.529	3289	16132	1	0.00
5	1.93	nitrite	145088.620	24248	135548	1	-0.69
6	3.27	nitrate	141320.598	14046	115070	1	4.03
7	4.69	phosphate	6339.954	82	1110	1	0.57
8	6.24	sulfate	4064.502	116	1826	1	2.63
		Totals	310451.408	42963	276370		

File: 96033131.d07 Sample: S96T001382 SAM



Data Reprocessed On 04/02/1996 16:00:22

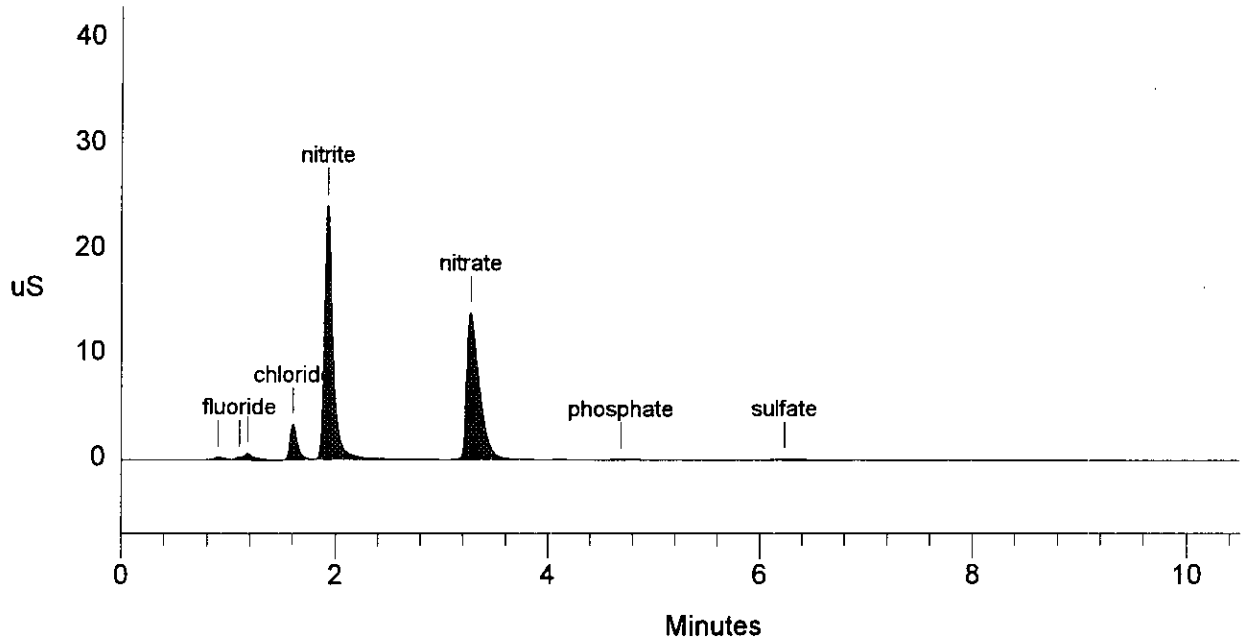
Sample Name: S96T001382 DUP Date: 03/31/1996 22:55:40
Data File : C:\DX\DATA\96033131.d08
Method : C:\DX\METHOD\KIT.MET WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 1 Inject#: 8 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	10201	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	246	1546	2	
2	1.11	fluoride	643.441	293	996	2	5.40
3	1.18		0.000	645	4070	2	
4	1.61	chloride	12942.551	3357	16142	1	0.42
5	1.93	nitrite	143758.606	24241	134253	1	-0.34
6	3.27	nitrate	141658.632	14025	115361	1	4.25
7	4.69	phosphate	6068.505	80	996	1	0.57
8	6.24	sulfate	3942.341	112	1698	1	2.63
		Totals	309014.076	43000	275063		

File: 96033131.d08 Sample: S96T001382 DUP



96040201.DOC → 10

LABCORE Data Entry Template for Worklist# 7253

Analyst: LAh **Instrument:** IC00 IC03 **Book#** 133N9-C

Method: LA-533-105 Rev/Mod D·1

WHC-SD-WM-DP-173, Rev. 1

Worklist Comment: S-102 IC. RCJ

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	SAMPLE	S96T001437	0		@IC-01	LIQUID	96000094	S102
	Analytes Requested:				BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
4	DUP	S96T001437	0		@IC-01	LIQUID		
5	SPK	S96T001437	0		@IC-01	LIQUID		

Final page for worklist # 7253

Ahambel 04·02·96

Analyst Signature **Date**

Analyst Signature **Date**

Exported
In Shell
uploaded 4/8/96

Data Entry Comments: Rerun for oxalate. S96T001437

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 7253

Analyst: eal **Instrument:** IC03 **Book#** 133N9C

Method: GA-533-105 Rev/Mod D-1

Worklist Comment: S-102 IC. RCJ

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1		<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1		<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1		<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1		<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1		<1.40e-1		ug/mL
1	CCB			0	@IC-QC	PO4	QC	1		<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1		<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1		<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59		6.10e+01	103.390	% Recovery
2	CCV			0	@IC-QC	CL	QC	79		7.82e+01	98.987	% Recovery
2	CCV			0	@IC-QC	NO2	QC	534		5.59e+02	104.682	% Recovery
2	CCV			0	@IC-QC	BR	QC	575		5.82e+02	101.217	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614		6.53e+02	106.352	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546		5.67e+02	103.846	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631		6.47e+02	102.536	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	504		5.61e+02	111.310	% Recovery
3	SAMPLE	S96T001437		0	@IC-01	F-02	LIQUID	N/A	<	5.383e+01	53.830	ug/mL
3	REJECT	S96T001437		0	@IC-01	F-02	LIQUID	N/A	<	5.383e+01		ug/mL
3	SAMPLE	S96T001437		0	@IC-01	CL-02	LIQUID	N/A		6.718e+03	70.400	ug/mL
3	REJECT	S96T001437		0	@IC-01	CL-02	LIQUID	N/A		6.718e+03		ug/mL
3	SAMPLE	S96T001437		0	@IC-01	NO2-02	LIQUID	N/A		7.561e+04	443.100	ug/mL
3	REJECT	S96T001437		0	@IC-01	NO2-02	LIQUID	N/A		7.561e+04		ug/mL
3	SAMPLE	S96T001437		0	@IC-01	BR-02	LIQUID	N/A		1.575e+03	521.800	ug/mL
3	REJECT	S96T001437		0	@IC-01	BR-02	LIQUID	N/A		1.575e+03		ug/mL
3	SAMPLE	S96T001437		0	@IC-01	NO3-02	LIQUID	N/A		1.045e+05	579.700	ug/mL
3	REJECT	S96T001437		0	@IC-01	NO3-02	LIQUID	N/A		1.045e+05		ug/mL
3	SAMPLE	S96T001437		0	@IC-01	PO4-02	LIQUID	N/A		3.193e+03	492.400	ug/mL
3	REJECT	S96T001437		0	@IC-01	PO4-02	LIQUID	N/A		3.193e+03		ug/mL
3	SAMPLE	S96T001437		0	@IC-01	SO4-02	LIQUID	N/A		6.352e+03	562.800	ug/mL
3	REJECT	S96T001437		0	@IC-01	SO4-02	LIQUID	N/A		6.352e+03		ug/mL
3	REJECT	S96T001437		0	@IC-01	OXALATE2	LIQUID	N/A	<	4.348e+02		ug/mL
4	DUP	S96T001437		0	@IC-01	F-02	LIQUID	<5.38e1		<5.38e1		RPD
4	DUP	S96T001437		0	@IC-01	CL-02	LIQUID	6.72e+03		6.54e+03	2.715	RPD
4	DUP	S96T001437		0	@IC-01	NO2-02	LIQUID	7.56e+04		7.53e+04	0.398	RPD
4	DUP	S96T001437		0	@IC-01	BR-02	LIQUID	1.58e+03		1.63e+03	3.115	RPD
4	DUP	S96T001437		0	@IC-01	NO3-02	LIQUID	1.04e+05		1.06e+05	1.905	RPD
4	DUP	S96T001437		0	@IC-01	PO4-02	LIQUID	3.19e+03		3.51e+03	9.552	RPD
4	DUP	S96T001437		0	@IC-01	SO4-02	LIQUID	6.35e+03		6.32e+03	0.474	RPD
4	DUP	S96T001437		0	@IC-01	OXALATE2	LIQUID	<4.35e2		<4.35e2		RPD
5	SPK	S96T001437		0	@IC-01	F-02	LIQUID	59		6.51e+01	110.339	% Recovery
5	SPK	S96T001437		0	@IC-01	CL-02	LIQUID	79		8.10e+01	102.532	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7253

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
5	SPK	S96T001437		0	@IC-01	NO2-02	LIQUID	534	6.16e+02	115.356	% Recovery
5	SPK	S96T001437		0	@IC-01	BR-02	LIQUID	575	6.18e+02	107.478	% Recovery
5	SPK	S96T001437		0	@IC-01	NO3-02	LIQUID	614	7.72e+02	125.733	% Recovery
5	SPK	S96T001437		0	@IC-01	PO4-02	LIQUID	546	6.16e+02	112.821	% Recovery
5	SPK	S96T001437		0	@IC-01	SO4-02	LIQUID	631	6.96e+02	110.301	% Recovery
5	SPK	S96T001437		0	@IC-01	OXALATE2	LIQUID	504	5.78e+02	114.683	% Recovery

Comments Section:

Comments for sample# S96T001437 **and test** @IC-01 .

Standard failed for oxalate. Rerun. nds
Standard failed for oxalate. Rerun. nds
Standard failed for oxalate. Rerun. nds
Standard failed for oxalate. Rerun. nds

Final page for worklist# 7253

Analyst Signature **Date** **Analyst Signature** **Date**

James M. Fuge 4/19/96
Reviewer Signature **Date**

Units shown for QC (BLK/BKG) may not reflect the actual units.

Data Reprocessed On 04/08/1996 11:50:42

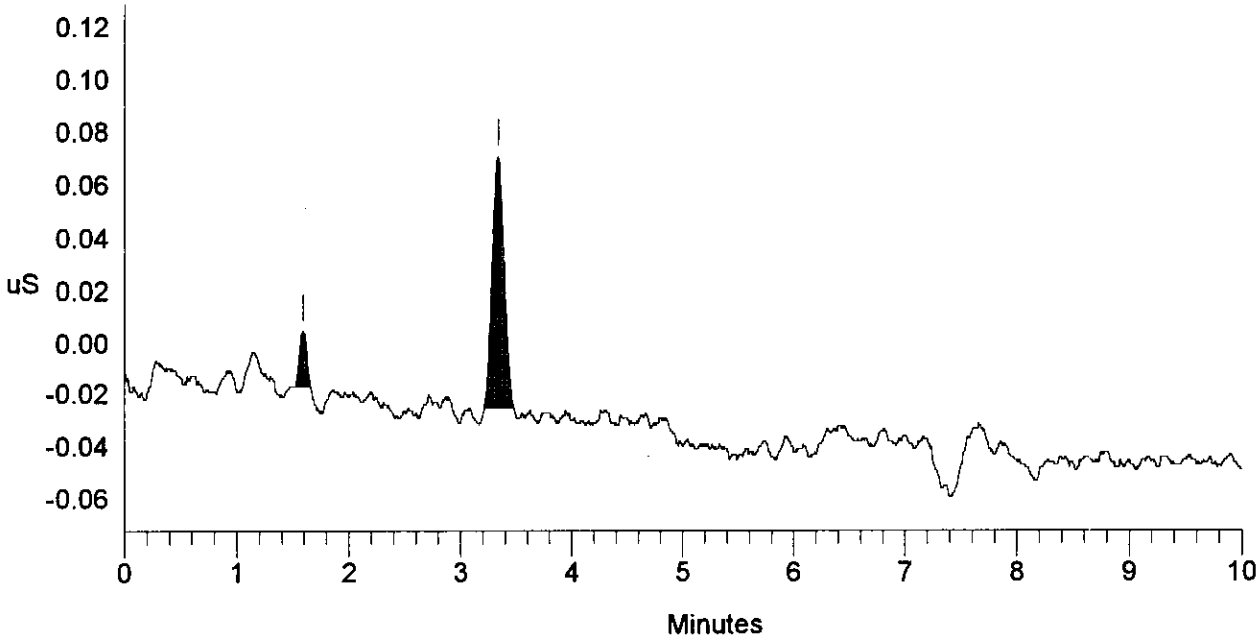
Sample Name: INSTR. BLANK	Date: 04/02/1996 11:16:18
Data File : C:\DX\DATA\96040201.d02	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\ANIONS.MET	
ACI Address: 1 System: 2 Inject#: 2	Detector:CDM-1
Analyst : V. Smith 4/9/96 Column:	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	3000	5Hz	0.00	10.00	200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	3.34		0.000	95	701	1	
		Totals	0.000	95	701		

File: 96040201.d02 Sample: INSTR. BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 556 TO 564

Data Reprocessed On 04/08/1996 11:50:44

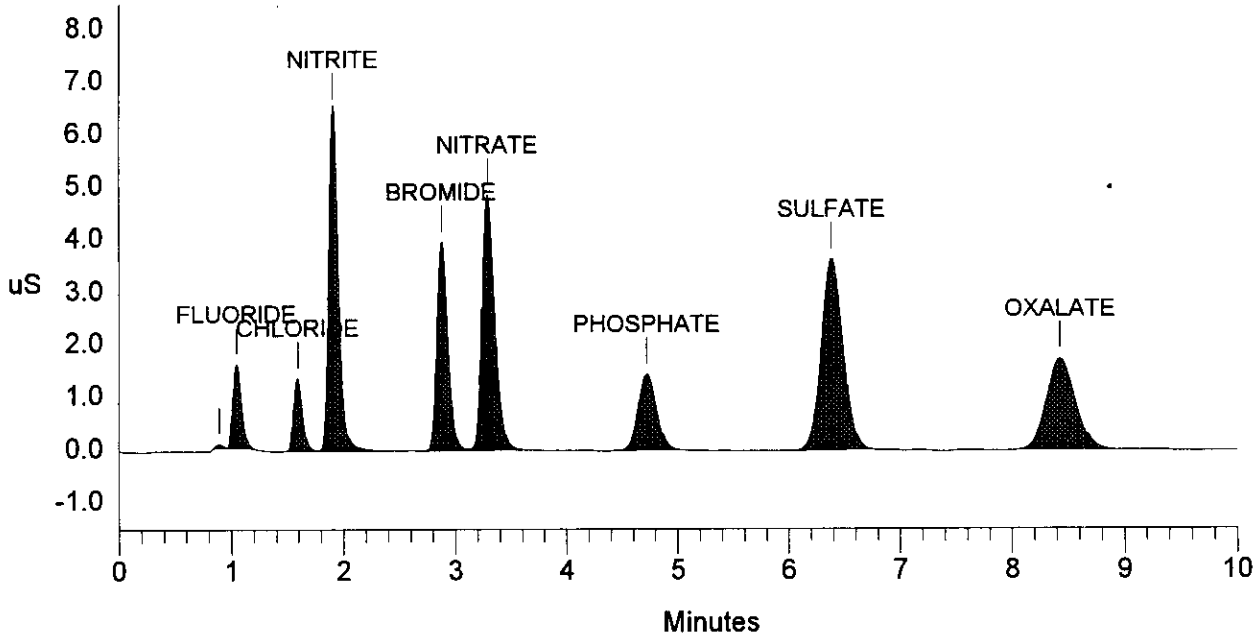
Sample Name: 133N9-C STD	Date: 04/02/1996 11:40:17
Data File : C:\DX\DATA\96040201.d03	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\ANIONS.MET	
ACI Address: 1 System: 2 Inject#: 3	Detector:CDM-1
Analyst : Column:	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3000	5Hz	0.00	10.00		200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	65	258	2	
2	1.04	FLUORIDE	61.046	1576	8352	2	0.32
3	1.59	CHLORIDE	78.247	1365	7277	2	0.63
4	1.90	NITRITE	558.541	6496	38684	2	-0.35
5	2.88	BROMIDE	581.645	3958	26861	2	2.37
6	3.29	NITRATE	653.146	4848	38275	2	4.67
7	4.72	PHOSPHATE	567.276	1437	16401	1	2.46
8	6.38	SULFATE	646.843	3630	48984	1	3.68
9	8.43	OXALATE	561.074	1730	31087	1	4.33
		Totals	3707.818	25104	216178		

File: 96040201.d03 Sample: 133N9-C STD



Data Reprocessed On 04/08/1996 11:50:47

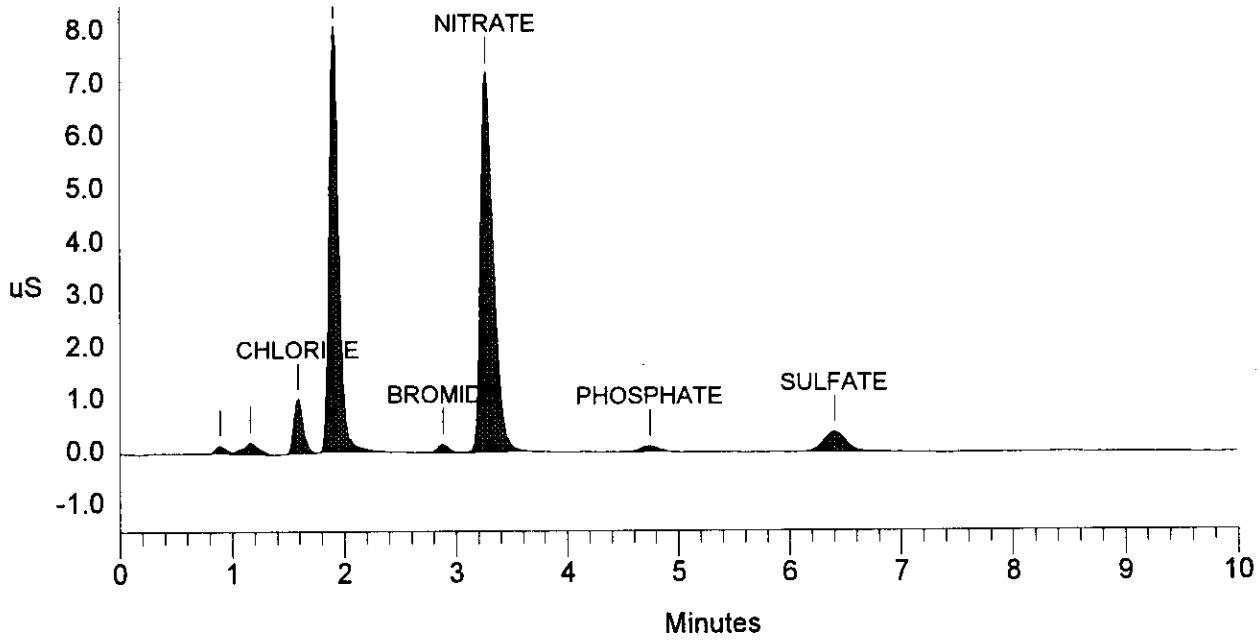
Sample Name: S96TOO1437	Date: 04/02/1996 11:56:05
Data File : C:\DX\DATA\96040201.d04	
Method : C:\DX\METHOD\ANIONS.MET	WHC-SD-WM-DP-173, REV. 1
ACI Address: 1 System: 2 Inject#: 4	Detector:CDM-1
Analyst : Column:	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	10201	3000	5Hz	0.00	10.00	200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	129	784	2	
2	1.16		0.000	218	1989	2	
3	1.58	CHLORIDE	6140.941	1025	5738	1	0.21
4	1.90	NITRITE	70125.554	8053	47932	1	-0.35
5	2.88	BROMIDE	191.595	150	915	1	2.61
6	3.26	NITRATE	99881.879	7185	57915	1	3.82
7	4.74	PHOSPHATE	1411.292	105	1081	1	2.89
8	6.40	SULFATE	4560.165	370	4963	1	4.01
		Totals	182311.426	17235	121318		

File: 96040201.d04 Sample: S96TOO1437



Data Reprocessed On 04/08/1996 11:50:49

Sample Name: S96TOO1437 Date: 04/02/1996 14:17:44
Data File : C:\DX\DATA\96040201.d05
Method : C:\DX\METHOD\ANIONS.MET
ACI Address: 1 System: 2 Inject#: 5 Detector:CDM-1
Analyst : Column:

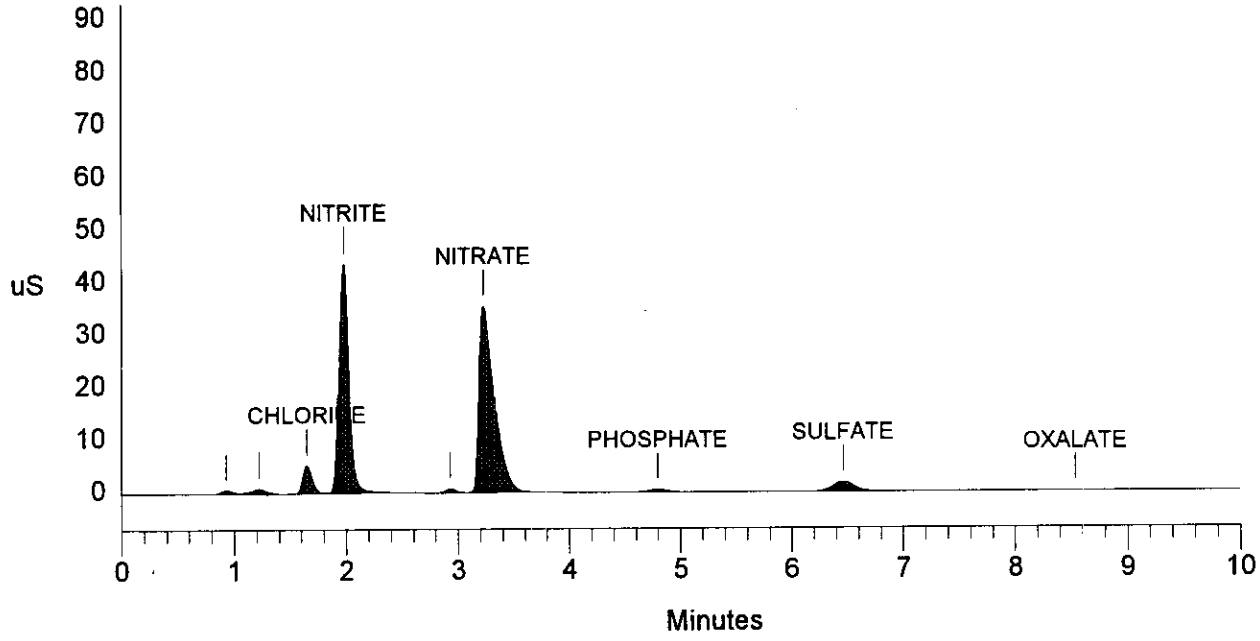
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	2121	3000	5Hz	0.00	10.00	200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.93		0.000	646	4252	2	
2	1.22		0.000	1056	9522	2	
3	1.65	CHLORIDE	6937.364	5331	30848	2	4.43
4	1.98	NITRITE	76333.371	43777	271059	2	3.84
5	2.93		0.000	803	4716	2	
6	3.23	NITRATE	103447.697	35592	338470	2	2.76
7	4.80	PHOSPHATE	4205.663	538	6169	1	4.05
8	6.46	SULFATE	7036.667	1883	25956	1	4.98
9	8.54	OXALATE	-332.114	49	640	1	5.65
		Totals	197628.647	89676	691632		

File: 96040201.d05 Sample: S96TOO1437



Data Reprocessed On 04/08/1996 11:50:52

Sample Name: S96TOO1437 DUP	Date: 04/02/1996 14:33:44
Data File : C:\DX\DATA\96040201.d06	
Method : C:\DX\METHOD\ANIONS.MET	
ACI Address: 1 System: 2 Inject#: 6	Detector:CDM-1
Analyst : Column:	

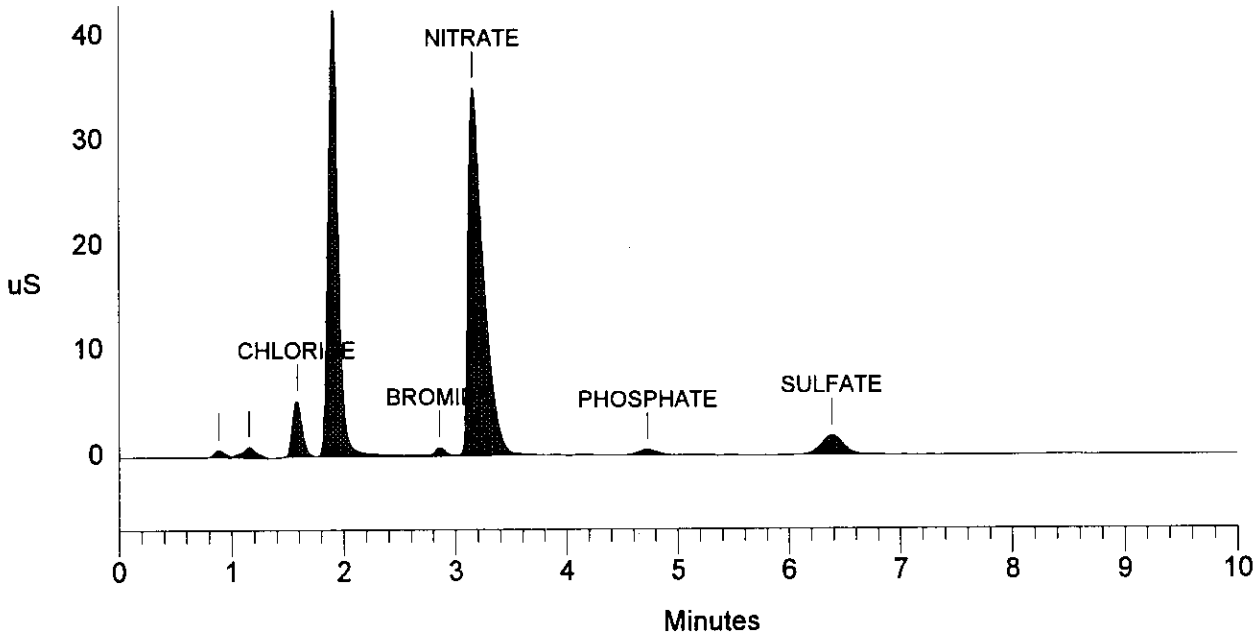
WHC-SD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	2121	3000	5Hz	0.00	10.00		200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.88		0.000	620	3787	2	
2	1.16		0.000	997	8600	2	
3	1.58	CHLORIDE	6941.082	5259	30865	2	0.21
4	1.91	NITRITE	75142.473	42542	266240	2	0.00
5	2.86	BROMIDE	1856.344	791	4725	2	1.66
6	3.16	NITRATE	102252.245	34973	333398	2	0.42
7	4.73	PHOSPHATE	4225.826	537	6195	1	2.60
8	6.39	SULFATE	6808.181	1846	25161	1	3.79
		Totals	197226.151	87565	678971		

File: 96040201.d06 Sample: S96TOO1437 DUP



Data Reprocessed On 04/08/1996 11:50:55

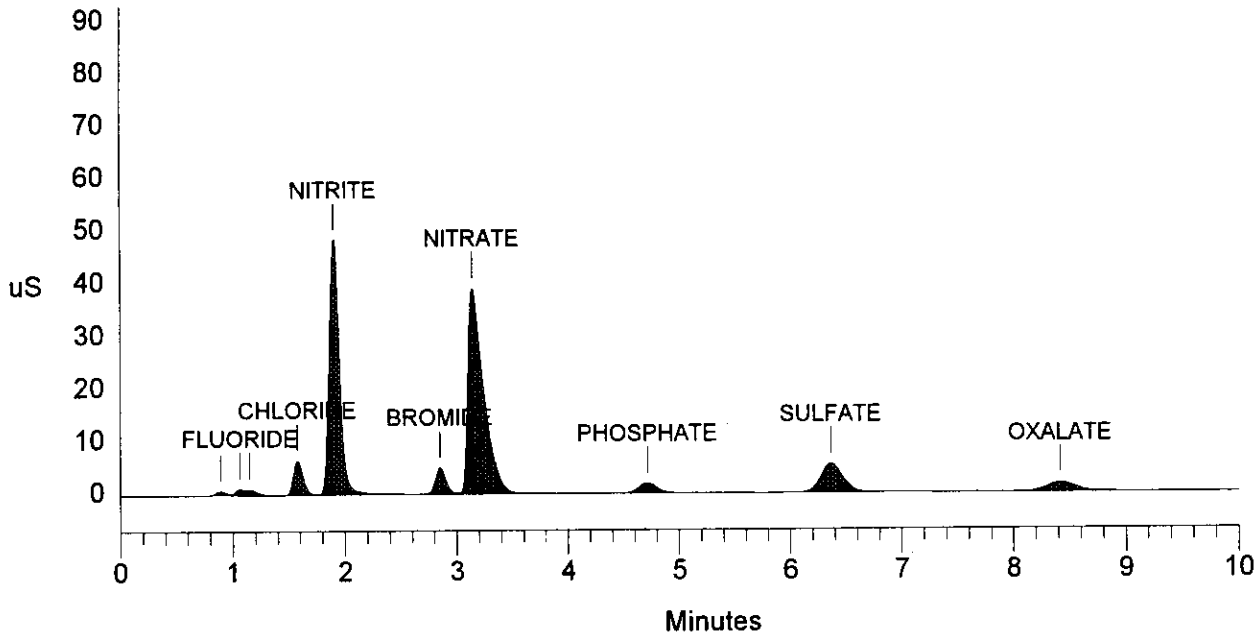
Sample Name: S96TOO1437 SPIKE Date: 04/02/1996 14:45:29
Data File : C:\DX\DATA\96040201.d07 WHC-SD-WM-DP-175, REV. 1
Method : C:\DX\METHOD\ANIONS.MET
ACI Address: 1 System: 2 Inject#: 7 Detector:CDM-1
Analyst : Column:

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	2121	3000	5Hz	0.00	10.00		200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	633	3508	2	
2	1.06	FLUORIDE	863.037	1171	5617	2	2.24
3	1.15		0.000	1104	7357	2	
4	1.58	CHLORIDE	8245.416	6461	37119	2	-0.21
5	1.90	NITRITE	85491.041	48231	309007	2	-0.35
6	2.85	BROMIDE	14060.849	4923	30884	2	1.42
7	3.14	NITRATE	112474.510	38980	378408	2	0.00
8	4.72	PHOSPHATE	15546.923	1890	21328	1	2.31
9	6.36	SULFATE	20619.400	5437	74289	1	3.36
10	8.42	OXALATE	11351.522	1653	29987	1	4.17
		Totals	268652.699	110484	897502		

File: 96040201.d07 Sample: S96TOO1437 SPIKE



Data Reprocessed On 04/08/1996 11:50:57

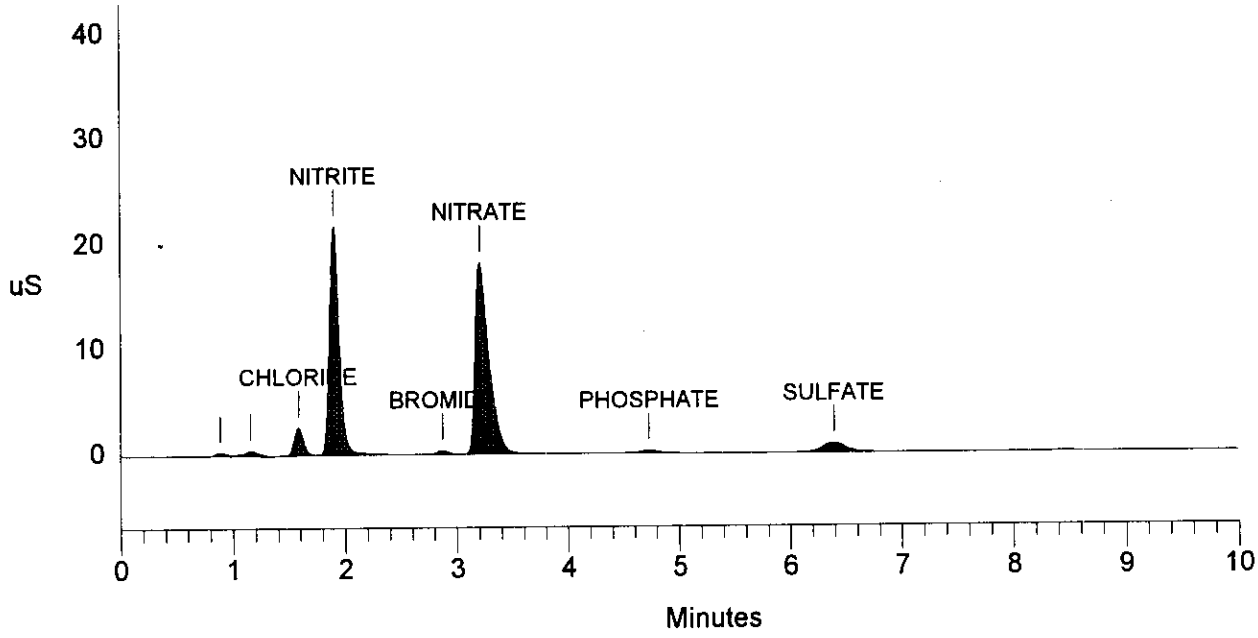
Sample Name: S96TOO1437	Date: 04/02/1996 14:59:24
Data File : C:\DX\DATA\96040201.d08	WHO-CD-WM-DP-179, REV.1
Method : C:\DX\METHOD\ANIONS.MET	
ACI Address: 1 System: 2 Inject#: 8	Detector:CDM-1
Analyst : Column:	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	4141	3000	5Hz	0.00	10.00	200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.88		0.000	315	1968	2	
2	1.16		0.000	538	4688	2	
3	1.58	CHLORIDE	6718.246	2667	14989	1	0.21
4	1.90	NITRITE	75607.101	21692	129510	1	-0.35
5	2.87	BROMIDE	1574.833	401	2521	1	2.14
6	3.21	NITRATE	104519.674	18259	156083	1	2.12
7	4.73	PHOSPHATE	3192.809	262	2818	1	2.60
8	6.40	SULFATE	6351.818	909	12865	1	3.90
		Totals	197964.480	45043	325443		

File: 96040201.d08 Sample: S96TOO1437



Data Reprocessed On 04/08/1996 11:51:00

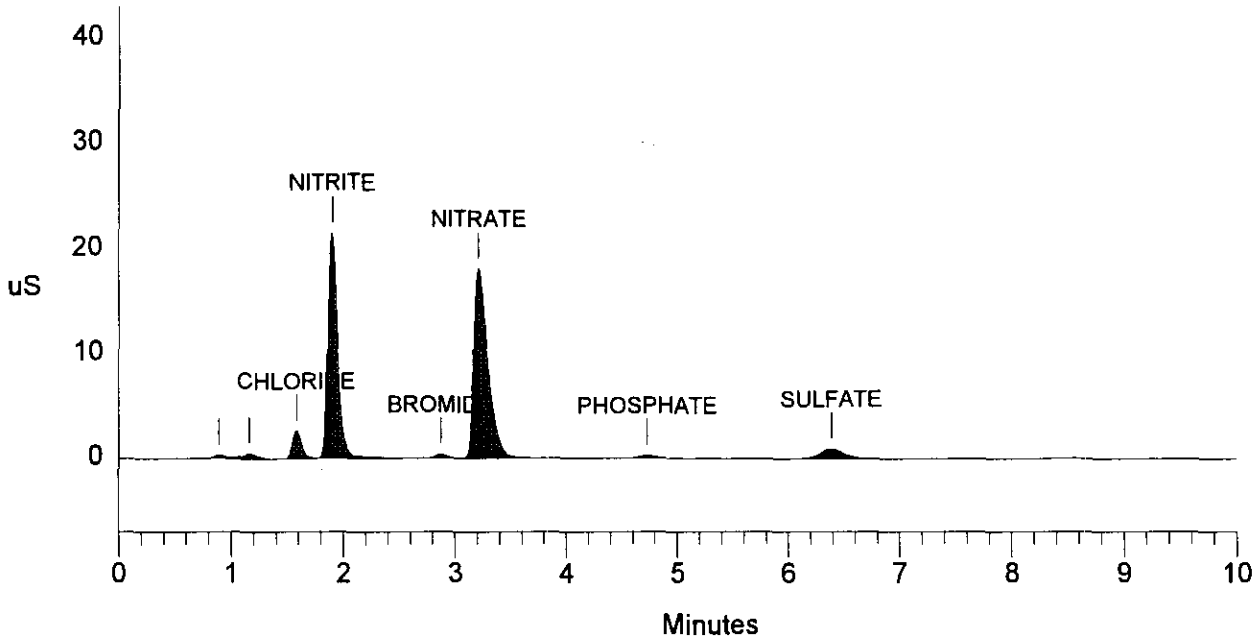
Sample Name: S96TOO1437 DUP	Date: 04/02/1996 15:17:06
Data File : C:\DX\DATA\96040201.d09	
Method : C:\DX\METHOD\ANIONS.MET	WHC-SD-WM-DP-179, REV. 1
ACI Address: 1 System: 2 Inject#: 9	Detector:CDM-1
Analyst : Column:	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	4141	3000	5Hz	0.00	10.00	200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	312	1926	2	
2	1.16		0.000	537	4698	2	
3	1.58	CHLORIDE	6543.961	2635	14600	1	0.21
4	1.90	NITRITE	75297.419	21508	128954	1	-0.35
5	2.87	BROMIDE	1625.545	391	2575	2	2.14
6	3.21	NITRATE	105976.380	18065	158472	2	2.12
7	4.73	PHOSPHATE	3510.346	268	3030	1	2.60
8	6.39	SULFATE	6317.877	912	12805	1	3.79
		Totals	199271.528	44628	327060		

File: 96040201.d09 Sample: S96TOO1437 DUP



Data Reprocessed On 04/08/1996 11:51:02

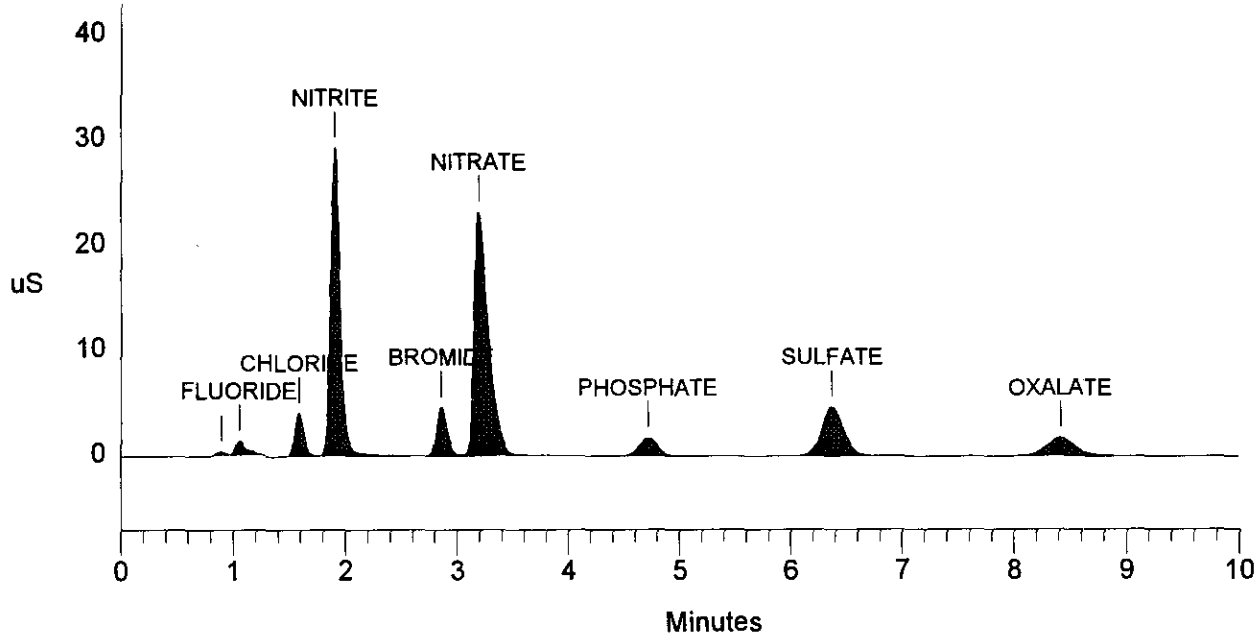
Sample Name: S96TOO1437 SPIKE	Date: 04/02/1996 15:21:53
Data File : C:\DX\DATA\96040201.d10	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\ANIONS.MET	
ACI Address: 1 System: 2 Inject#: 10	Detector:CDM-1
Analyst : Column:	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	4141	3000	5Hz	0.00	10.00	200

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	311	1511	2	
2	1.05	FLUORIDE	2631.540	1328	8785	2	0.96
3	1.58	CHLORIDE	9991.011	4064	22440	1	0.21
4	1.90	NITRITE	100491.636	29216	175244	1	-0.35
5	2.86	BROMIDE	26563.892	4650	29890	2	1.66
6	3.19	NITRATE	135731.521	23138	209127	2	1.48
7	4.72	PHOSPHATE	28076.540	1727	19739	1	2.31
8	6.37	SULFATE	34456.042	4722	63530	1	3.47
9	8.42	OXALATE	23358.296	1745	31550	1	4.17
		Totals	361300.478	70902	561815		

File: 96040201.d10 Sample: S96TOO1437 SPIKE



04/02/96 10:59
A-0004-1

LABCORE Data Entry Template for Worklist# 7268

Analyst: SMF **Instrument:** IC00 IC01 **Book#** 13 3N9-C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 rerun for SO4 std failure. nds Try 41 dilution. nds.

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000894	0	W	@IC-01	SOLID	96000030	S102
		Analytes Requested: SO4-02						
5	DUP	S96T000894	0	W	@IC-01	SOLID		
6	SAMPLE	S96T000895	0	W	@IC-01	SOLID	96000030	S102
		Analytes Requested: SO4-02						
7	DUP	S96T000895	0	W	@IC-01	SOLID		

Final page for worklist # 7268

Susie M. Fulton 4-3-96
Analyst Signature **Date**

Analyst Signature **Date**

Sheet uploaded 0510

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 7268

Analyst: smf **Instrument:** IC01 **Book#** 133N90

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 rerun for SO4 std failure. nds

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
1	CCB			0	@IC-QC	F	QC	1	<1.30e-2		ug/mL
1	CCB			0	@IC-QC	CL	QC	1	<1.70e-2		ug/mL
1	CCB			0	@IC-QC	NO2	QC	1	<1.07e-1		ug/mL
1	CCB			0	@IC-QC	BR	QC	1	<1.26e-1		ug/mL
1	CCB			0	@IC-QC	NO3	QC	1	<1.40e-1		ug/mL
1	CCB			0	@IC-QC	PO4	QC	1	<1.19e-1		ug/mL
1	CCB			0	@IC-QC	SO4	QC	1	<1.36e-1		ug/mL
1	CCB			0	@IC-QC	OXALATE2	QC	1	<1.05e-1		ug/mL
2	CCV			0	@IC-QC	F	QC	59	5.98e+01	101.356	% Recovery
2	CCV			0	@IC-QC	CL	QC	79	7.77e+01	98.354	% Recovery
2	CCV			0	@IC-QC	NO2	QC	534	5.46e+02	102.247	% Recovery
2	CCV			0	@IC-QC	BR	QC	575	5.76e+02	100.174	% Recovery
2	CCV			0	@IC-QC	NO3	QC	614	6.32e+02	102.932	% Recovery
2	CCV			0	@IC-QC	PO4	QC	546	5.38e+02	98.535	% Recovery
2	CCV			0	@IC-QC	SO4	QC	631	6.35e+02	100.634	% Recovery
2	CCV			0	@IC-QC	OXALATE2	QC	504	5.29e+02	104.960	% Recovery
3	BLNK-PREP			0	@IC-01	F-02	SOLID	1	<1.30e-2		ug/g
3	BLNK-PREP			0	@IC-01	CL-02	SOLID	1	4.20e-02	0.042	ug/g
3	BLNK-PREP			0	@IC-01	NO2-02	SOLID	1	<1.07e-1		ug/g
3	BLNK-PREP			0	@IC-01	BR-02	SOLID	1	<1.26e-1		ug/g
3	BLNK-PREP			0	@IC-01	NO3-02	SOLID	1	3.63e-01	0.363	ug/g
3	BLNK-PREP			0	@IC-01	PO4-02	SOLID	1	<1.19e-1		ug/g
3	BLNK-PREP			0	@IC-01	SO4-02	SOLID	1	<1.36e-1		ug/g
3	BLNK-PREP			0	@IC-01	OXALATE2	SOLID	1	<1.05e-1		ug/g
4	SAMPLE	S96T000894	W	0	@IC-01	SO4-02	SOLID	N/A	8.153e+03	1129.000	ug/g
5	DUP	S96T000894	W	0	@IC-01	SO4-02	SOLID	8.15e+03	7.95e+03	2.484	RPD
6	SAMPLE	S96T000895	W	0	@IC-01	SO4-02	SOLID	N/A	5.552e+03	1102.000	ug/g
7	DUP	S96T000895	W	0	@IC-01	SO4-02	SOLID	5.55e+03	5.04e+03	9.632	RPD

Comments Section:

Comments for sample# S96T000894 **and test** @IC-01 .

Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds

Comments for sample# S96T000895 **and test** @IC-01 .

Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds
Standard failed for SO4. Must rerun. nds

Units shown for QC (BLK/BKG) may not reflect the actual units.

WHC-SD-WM-DP-179, REV. 1

LABCORE Completed Worklist Report for Worklist# 7268

Seq Type	Sample# R A	Test	Matrix	Actual	Found	DL or Yield	Unit

Final page for worklist# 7268

Analyst Signature **Date**

Analyst Signature **Date**

Reviewer Signature 4/22/96
Date

Units shown for QC (BLK/BKG) may not reflect the actual units.

Data Reprocessed On 04/09/1996 10:57:42

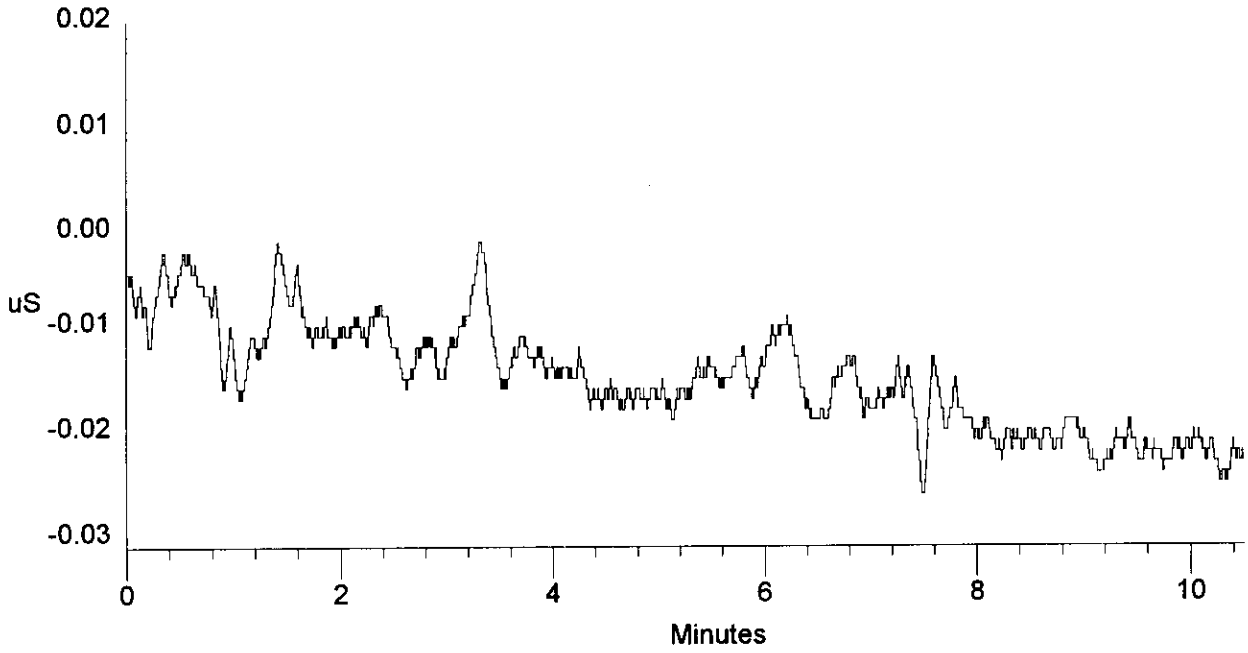
Sample Name: ELUENT BLANK	Date: 04/03/1996 02:09:18
Data File : C:\DX\DATA\96040211.d03	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 3	Detector:CDM-1
Analyst : 4/15/96	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
		Totals	0.000	0	0		

File: 96040211.d03 Sample: ELUENT BLANK



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 568 TO 574.

Data Reprocessed On 04/09/1996 10:57:44

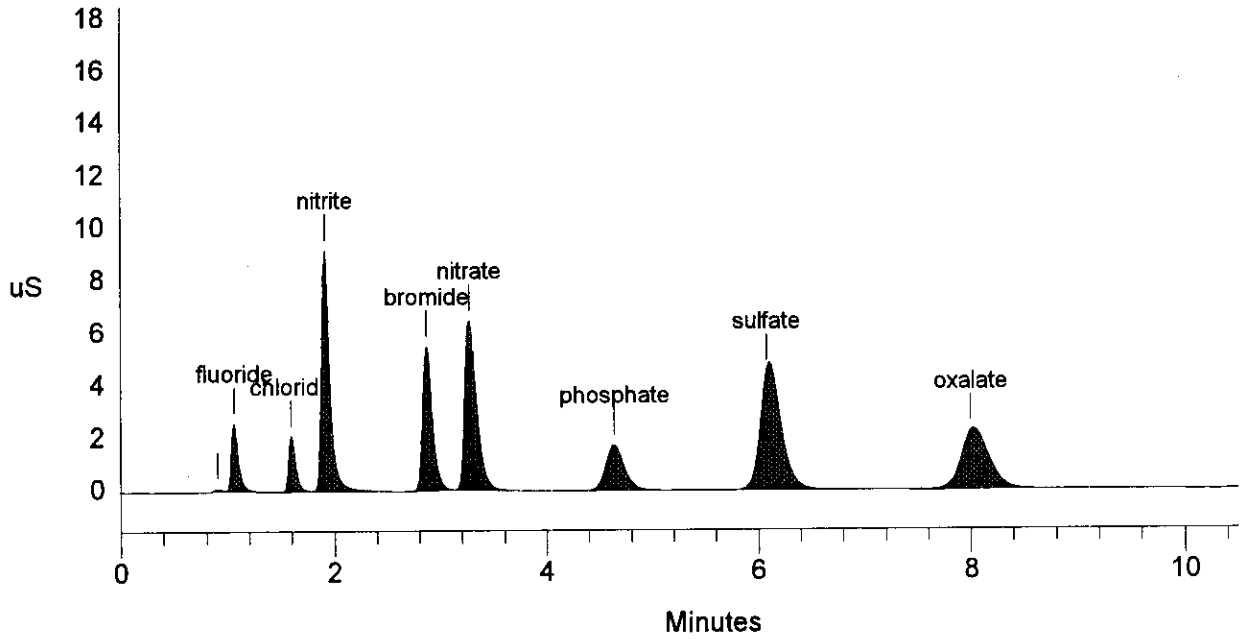
Sample Name: LMCS STD 133N9-C	Date: 04/03/1996 02:28:33
Data File : C:\DX\DATA\96040211.d04	WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 4	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	101	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	83	373	2	
2	1.06	fluoride	59.756	2583	11658	2	0.95
3	1.59	chloride	77.654	2098	9652	1	-0.42
4	1.91	nitrite	546.004	9162	49339	1	-1.37
5	2.87	bromide	575.600	5476	34389	1	-1.15
6	3.27	nitrate	632.399	6443	49607	1	-3.07
7	4.64	phosphate	538.290	1752	21479	1	-0.57
8	6.08	sulfate	634.975	4529	65455	1	0.00
9	8.00	oxalate	529.402	2245	42753	1	0.67
		Totals	3594.080	34370	284704		

File: 96040211.d04 Sample: LMCS STD 133N9-C



Data Reprocessed On 04/09/1996 10:57:46

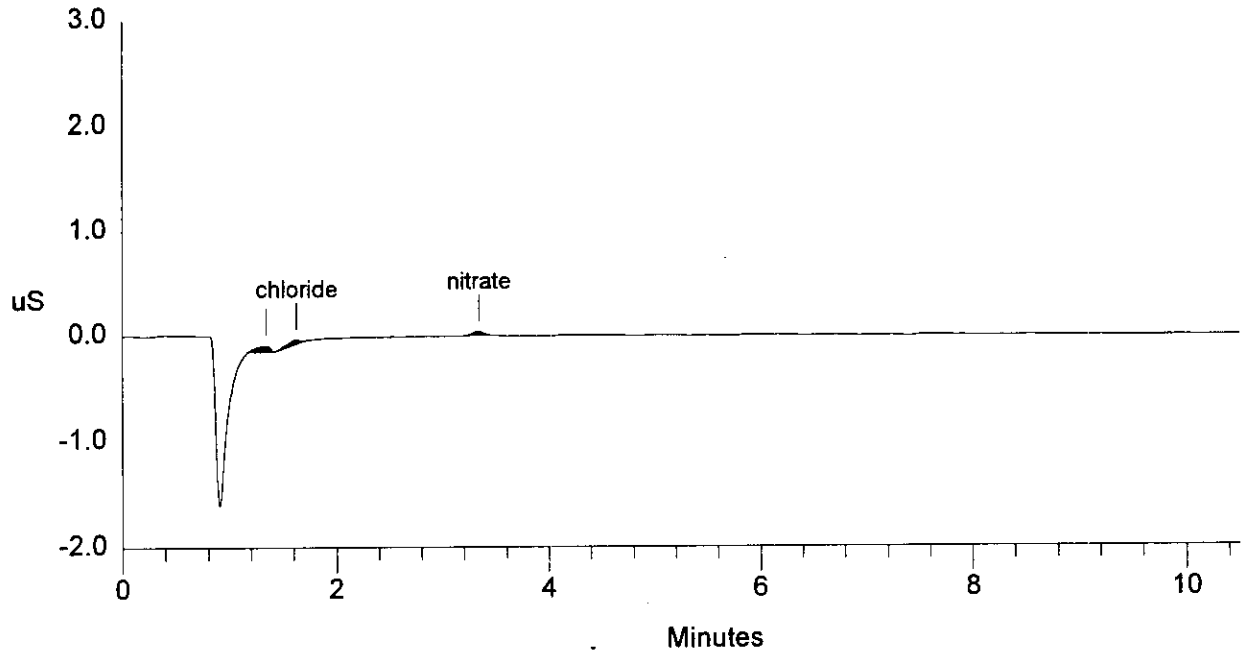
Sample Name: PREP BLANK	Date: 04/03/1996 02:43:19
Data File : C:\DX\DATA\96040211.d05	WHO-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 5	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.35		0.000	62	557	1	
2	1.63	chloride	0.042	39	414	1	1.67
3	3.34	nitrate	0.363	39	250	1	-0.89
		Totals	0.405	140	1222		

File: 96040211.d05 Sample: PREP BLANK



Data Reprocessed On 04/09/1996 10:57:48

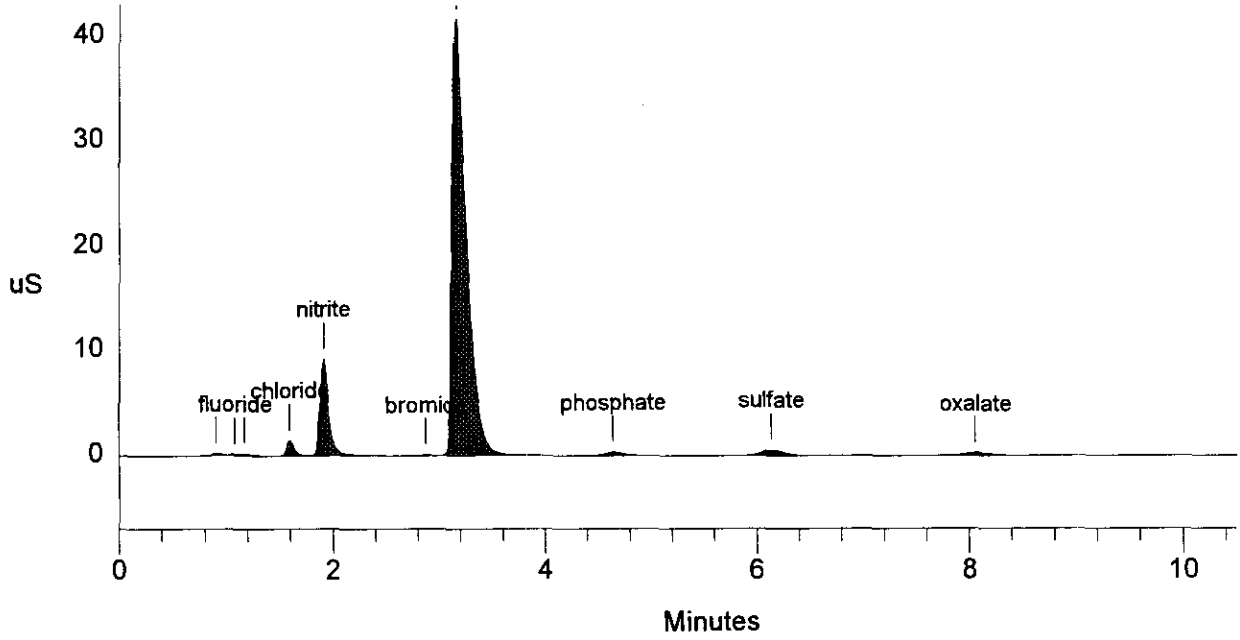
Sample Name: S96T000894	Date: 04/03/1996 02:57:38
Data File : C:\DX\DATA\96040211.d06	WHC-SD-WM-DP-178, REV. 1
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	41	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	190	990	2	
2	1.08	fluoride	2.333	179	873	2	2.86
3	1.17		0.000	232	1381	2	
4	1.59	chloride	23.582	1462	7168	1	-0.42
5	1.91	nitrite	231.142	9204	51569	1	-1.37
6	2.87	bromide	12.612	81	455	1	-0.92
7	3.15	nitrate	1779.356	41641	395584	1	-6.43
8	4.64	phosphate	53.748	327	4072	1	-0.57
9	6.13	sulfate	40.229	574	8035	1	0.88
10	8.05	oxalate	23.961	227	4246	1	1.34
		Totals	2166.963	54115	474374		

File: 96040211.d06 Sample: S96T000894



Data Reprocessed On 04/09/1996 10:57:50

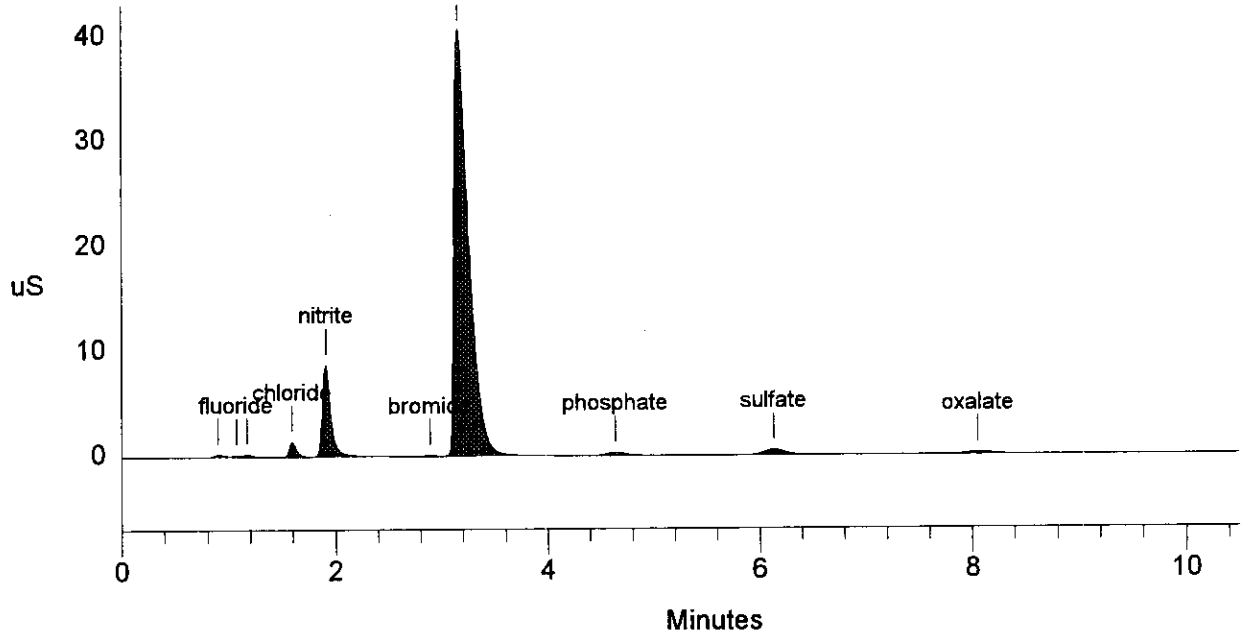
Sample Name: S96T000894 DUP Date: 04/03/1996 04:40:31
Data File : C:\DX\DATA\96040211.d07
Method : C:\DX\METHOD\KIT.MET WHC-SD-WM-DP-176, REV. 1
ACI Address: 1 System: 1 Inject#: 7 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	41	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	196	1071	2	
2	1.07	fluoride	2.258	164	837	2	2.22
3	1.17		0.000	243	1514	2	
4	1.59	chloride	22.049	1421	6690	1	-0.42
5	1.91	nitrite	213.644	8742	47461	1	-1.37
6	2.89	bromide	12.407	81	424	1	-0.46
7	3.15	nitrate	1739.011	40515	385439	1	-6.43
8	4.64	phosphate	50.114	296	3691	1	-0.57
9	6.13	sulfate	37.624	534	7357	1	0.88
10	8.05	oxalate	21.123	202	3678	1	1.34
		Totals	2098.230	52393	458163		

File: 96040211.d07 Sample: S96T000894 DUP



Data Reprocessed On 04/09/1996 10:57:53

Sample Name: S96T000895 Date: 04/03/1996 04:52:04
Data File : C:\DX\DATA\96040211.d08
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 8 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

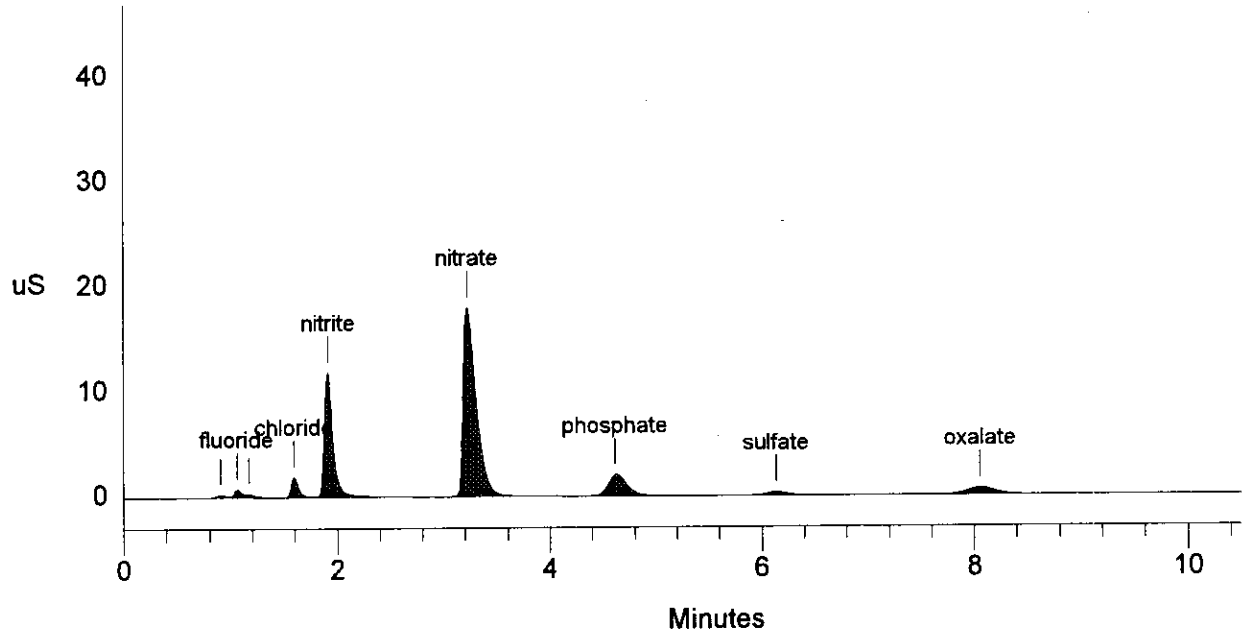
WHO-CD-WM-DP-179, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	209	1111	2	
2	1.06	fluoride	7.541	741	3410	2	0.95
3	1.17		0.000	352	2137	2	
4	1.59	chloride	29.823	1930	9119	1	-0.42
5	1.91	nitrite	288.114	11903	64987	1	-1.37
6	3.22	nitrate	735.866	18017	151354	1	-4.45
7	4.61	phosphate	253.039	1990	25157	1	-1.14
8	6.13	sulfate	28.062	329	4871	1	0.88
9	8.05	oxalate	62.641	659	12001	1	1.34
		Totals	1405.086	36129	274146		

File: 96040211.d08 Sample: S96T000895



Data Reprocessed On 04/09/1996 10:57:55

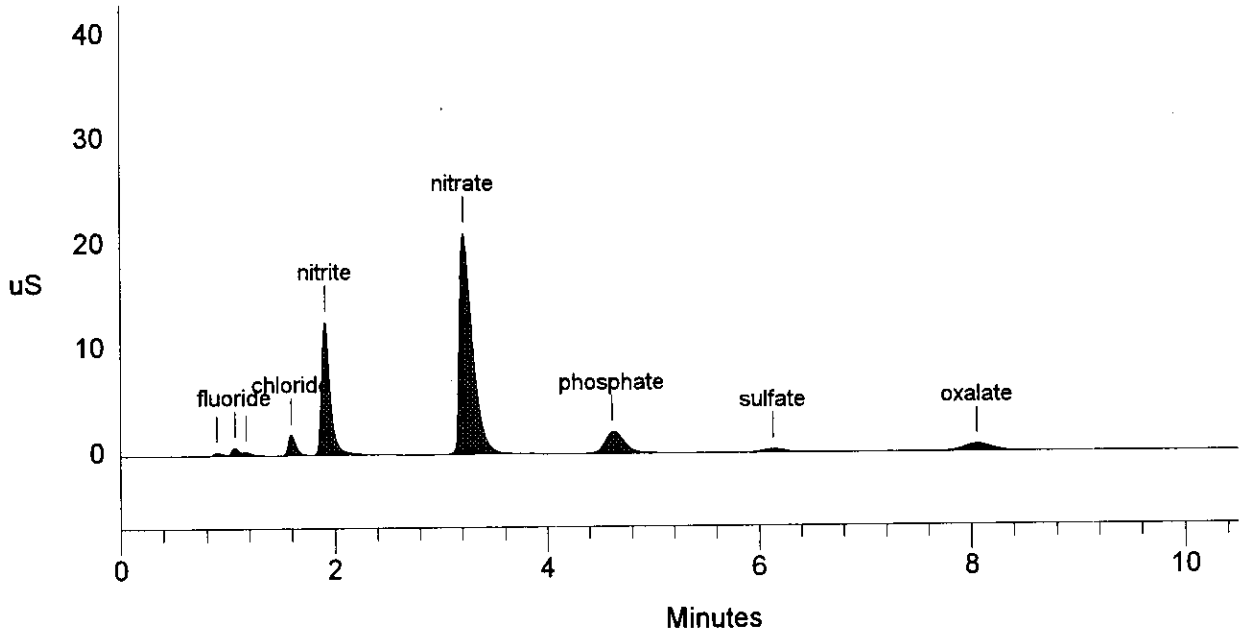
Sample Name: S96T000895 DUP Date: 04/03/1996 05:03:16
Data File : C:\DX\DATA\96040211.d09 WHC-SD-WM-DP-179, REV. 1
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 9 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	222	1192	2	
2	1.07	fluoride	7.689	727	3482	2	1.59
3	1.17		0.000	369	2102	2	
4	1.59	chloride	31.382	1983	9608	1	-0.42
5	1.91	nitrite	315.345	12677	71424	1	-1.37
6	3.21	nitrate	856.613	21076	177907	1	-4.65
7	4.61	phosphate	259.435	2015	25839	1	-1.14
8	6.13	sulfate	26.793	320	4541	1	0.88
9	8.05	oxalate	65.944	704	12664	1	1.34
		Totals	1563.201	40093	308760		

File: 96040211.d09 Sample: S96T000895 DUP



04/10/96 12:01
A-0004-1

96C40621.D01, D06, D09 96031391.D01, D02, 96031371, D03, D04

LABCORE Data Entry Template for Worklist# 7313

Analyst: KRQ **Instrument:** IC00 IC01 **Book#** 133N9C

Method: LA-533-105 Rev/Mod D-1

Worklist Comment: S-102 FOR IC RTS

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	CCB				@IC-QC	QC		
2	CCV				@IC-QC	QC		
3	BLNK-PREP				@IC-01	SOLID		
4	SAMPLE	S96T000902	0	W	@IC-01	SOLID	96000030	S102
		Analytes Requested:			BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
5	DUP	S96T000902	0	W	@IC-01	SOLID		
6	SPK	S96T000902	0	W	@IC-01	SOLID		
7	SAMPLE	S96T000903	0	W	@IC-01	SOLID	96000030	S102
		Analytes Requested:			BR-02 , CL-02 , F-02 , NO2-02 , NO3-02 , OXALATE2, PO4-02 , SO4-02			
8	DUP	S96T000903	0	W	@IC-01	SOLID		

Final page for worklist # 7313

Janice Luse for Kathy Quesin
Analyst Signature **Date** 4/10/96 — **Analyst Signature** **Date** 4/6/96

Uploaded 4/10/96, NO_3 rejected on 902 & put out for review
Janice Luse

Data Entry Comments: NO_3 on 902 over cancel, must be reran.

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.