Region

COVER SHEET

LABORATORY RESPONSE TO RESULTS OF
CONTRACT COMPLIANCE SCREENING (CCS)

Response To: (Check One) _____ Organic CCS

X Inorganic CCS

Response materials should be sent to the attention of the CCS Coordinator.

Labcode: NFT, Inc

Response Date 3/5/92

Date Screening Results Received at Laboratory 3/4/92

EPA Contract No. 68-D0-0145

Case No. 17700

SDG No. MFQ311

Samples Nos.* MFQ328

*Only list sample numbers that require reconciliation.

This form is used to identify materials sent in response to results of Contract Compliance Screening (CCS). A separate form must accompany the response for each SDG.

Please indicate (on the attached continuation form) which fractions and/or which criteria correspond with your resubmission. Response materials sent to CCS whould also be copied to the Region and to EMSL/LV, each with this blue Cover Sheet.

90067498

Laboratory Response to Results of CCS

Criterion	Comments
Technical Defect 234	The 1:10 dilution for sample MFQ328 was not imported into the data base during CSF assembly. The error has been corrected and a new page 10 form 1 has been generated and should be incorporated into the CSF.

FULL INORGANICS
COMPLETE SDG FILE (CSF)
INVENTORY SHEET

Lab Name: NFT Inc City/State: GOLDEN CO

Case No. 17700 SDG No. MFQ311 SDG Nos. to Follow: _____ _____ _____

SAS No. _____ Contract No. 68-D0-0045 SOW No. 3/90

All documents delivered in the Complete SDG File must be original documents where possible. (Reference Exhibit B, Section II D and Section III V)

		Page Nos. From	Page Nos. To	(Please Check:) Lab	(Please Check:) Region
1.	Inventory Sheet (DC-2) (Do not number)				
2.	Cover Page				
3.	Inorganic Analysis Data Sheet (Form I-IN)	10			✓
4.	Initial & Continuing Calibration Verification (Form IIA-IN)				
5.	CRDL Standards (Form IIB-IN)				
6.	Blanks (Form III-IN)				
7.	ICP Interference Check Sample (Form IV-IN)				
8.	Spike Sample Recovery (Form VA-IN)				
9.	Post Digest Spike Sample Recovery (Form VB-IN)				
10.	Duplicates (Form VI-IN)				
11.	Lab Control Sample (Form VII-IN)				
12.	Standard Addition Results (Form VIII-IN)				
13.	ICP Serial Dilution (Form IX-IN)				
14.	Instrument Detection Limits (Form X-IN)				
15.	ICP Interelement Correction Factors (Form XIA-IN)				
16.	ICP Interelement Correction Factors (Form XIB-IN)				
17.	ICP Linear Ranges (Form XII-IN)				
18.	Preparation Log (Form XIII-IN)				
19.	Analysis Run Log (Form XIV-IN)				
20.	ICP Raw Data				
21.	Furnace AA Raw Data				
22.	Mercury Raw Data				
23.	Cyanide Raw Data				

	Page Nos. From	To	(Please Check:) Lab	Region
24. Traffic Report	___	___	___	___
25. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments ____)	___	___	___	___
Chain-of-Custody Records	___	___	___	___
Sample Tags	___	___	___	___
Sample Log-In Sheet (Lab & DC1)	___	___	___	___
SDG Cover Sheet	___	___	___	___
26. Misc. Shipping/Receiving Records (list all individual records)				
Telephone Logs	___	___	___	___
_____	___	___	___	___
_____	___	___	___	___
27. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list)	___	___	___	___
_____	___	___	___	___
_____	___	___	___	___
28. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records _____	___	___	___	___
Analysis Records _____	___	___	___	___
Description _____	___	___	___	___
29. Other Records (describe or list)				
Telephone Communication Log	___	___	___	___
_____	___	___	___	___
_____	___	___	___	___

30. Comments:

_____

_____

Completed by (CLP Lab):

(Signature)	(Print Name & Title)	(Date)
D. Smedra	D. SMEDRA	3/5/92

Audited by (EPA):

(Signature)	(Print Name & Title)	(Date)
Michael J. Fertitta	MICHAEL J. FERTITTA CHEMIST	3/23/92

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ328

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-8

Level (low/med): LOW Date Received: 1/24/92

% Solids: 88.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9250.00			P
7440-36-0	Antimony	3.60	U	N	P
7440-38-2	Arsenic	5.80			F
7440-39-3	Barium	116.00			P
7440-41-7	Beryllium	.32	B		P
7440-43-9	Cadmium	2.10		N	P
7440-70-2	Calcium	10400.00		*	P
7440-47-3	Chromium	515.00			P
7440-48-4	Cobalt	9.30	B		P
7440-50-8	Copper	5100.00		*	P
7439-89-6	Iron	46100.00			P
7439-92-1	Lead	61.70			F
7439-95-4	Magnesium	4880.00		*	P
7439-96-5	Manganese	354.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	26.30			P
7440-09-7	Potassium	3150.00			P
7782-49-2	Selenium	.23	U		F
7440-22-4	Silver	.91	U		P
7440-23-5	Sodium	180.00	B		P
7440-28-0	Thallium	.23	U		F
7440-62-2	Vanadium	59.00			P
7440-66-6	Zinc	205.00		*	P
	Cyanide	1.80			C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

FULL INORGANICS
COMPLETE SDG FILE (CSF)
INVENTORY SHEET

Lab Name: NFT Inc City/State: GOLDEN CO

Case No. 17700 SDG No. MFQ311 SDG Nos. to Follow: _____ _____ _____

SAS No. _____ Contract No. 68-D0-0145 SOW No. 3/90

All documents delivered in the Complete SDG File must be original documents where possible. (Reference Exhibit B, Section II D and Section III V)

		Page Nos. From	Page Nos. To	(Please Check:) Lab	(Please Check:) Region
1.	Inventory Sheet (DC-2) (Do not number)			✓	✓
2.	Cover Page	1	2	✓	✓
3.	Inorganic Analysis Data Sheet (Form I-IN)	3	22	✓	✓
4.	Initial & Continuing Calibration Verification (Form IIA-IN)	23	27	✓	✓
5.	CRDL Standards (Form IIB-IN)	28	29	✓	✓
6.	Blanks (Form III-IN)	30	33	✓	✓
7.	ICP Interference Check Sample (Form IV-IN)	34	34	✓	✓
8.	Spike Sample Recovery (Form VA-IN)	35	35	✓	✓
9.	Post Digest Spike Sample Recovery (Form VB-IN)	36	36	✓	✓
10.	Duplicates (Form VI-IN)	37	37	✓	✓
11.	Lab Control Sample (Form VII-IN)	38	40	✓	✓
12.	Standard Addition Results (Form VIII-IN)	41	41	✓	✓
13.	ICP Serial Dilution (Form IX-IN)	42	42	✓	✓
14.	Instrument Detection Limits (Form X-IN)	43	46	✓	✓
15.	ICP Interelement Correction Factors (Form XIA-IN)	47	47	✓	✓
16.	ICP Interelement Correction Factors (Form XIB-IN)	48	52	✓	✓
17.	ICP Linear Ranges (Form XII-IN)	53	53	✓	✓
18.	Preparation Log (Form XIII-IN)	54	59	✓	✓
19.	Analysis Run Log (Form XIV-IN)	60	89	✓	✓
20.	ICP Raw Data	90	147	✓	✓
21.	Furnace AA Raw Data	148	308	✓	✓
22.	Mercury Raw Data	309	318	✓	✓
23.	Cyanide Raw Data	319	337	✓	✓

	Page Nos. From	Page Nos. To	(Please Check:) Lab	(Please Check:) Region
24. Traffic Report	338	339	✓	✓
25. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments 1)	340	340	✓	✓
Chain-of-Custody Records	338	339	✓	✓
Sample Tags	341	341	✓	✓
Sample Log-In Sheet (Lab & DC1)	342	343	✓	✓
SDG Cover Sheet	344	344	✓	✓
26. Misc. Shipping/Receiving Records (list all individual records)				
Telephone Logs	345	345	✓	✓
27. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list)				
STORAGE/ROUTE SHEETS	346	365	✓	✓
28. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records DIGESTIONS	366	368	✓	✓
Analysis Records % SOLIDS	369	370	✓	✓
Description	371	371	✓	✓
29. Other Records (describe or list)				
Telephone Communication Log	DS			
INSTRUMENT LOGS	372	374	✓	✓

30. Comments:

Completed by (CLP Lab):

Diana Smedra — (Signature)

DIANA SMEDRA — (Print Name & Title)

2/25/92 — (Date)

Audited by (EPA):

Michael J. Fertitta — (Signature)

MICHAEL J. FERTITTA CHEMIST — (Print Name & Title)

3/23/92 — (Date)

U. S. EPA - CLP
COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

SOW No.: 3/90

EPA Sample No.	Lab Sample ID
MFQ311	2A17-1
MFQ312	2A17-2
MFQ313	2A17-3
MFQ314	2A17-4
MFQ324	2A17-5
MFQ326	2A17-6
MFQ327	2A17-7
MFQ328	2A17-8
MFQ329	2A17-9
MFQ330	2A17-10
MFQ331	2A17-11
MFQ332	2A17-12
MFQ333	2A17-13
MFQ334	2A17-14
MFQ334D	2A17-14D
MFQ334S	2A17-14S
MFQ335	2A17-15
MFQ336	2A17-16
MFQ337	2A17-17
MFQ338	2A17-18

Were ICP interelement corrections applied?	Yes/No	YES
Were ICP background corrections applied?	Yes/No	YES
If yes, were raw data generated before application of background corrections?	Yes/No	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: Ronald L. Keil Name: Ronald L. Keil

Date: February 25, 1992 Title: Laboratory Director

U. S. EPA - CLP
COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

SOW No.: 3/90

EPA Sample No.	Lab Sample ID
MFQ339	2A17-19
MFQ340	2A17-20

Were ICP interelement corrections applied?	Yes/No	YES
Were ICP background corrections applied?	Yes/No	YES
If yes, were raw data generated before application of background corrections?	Yes/No	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: Ronald L. Keil Name: Ronald L. Keil

Date: February 25, 1992 Title: Laboratory Director

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ311

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-1

Level (low/med): LOW Date Received: 1/24/92

% Solids: 66.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	28300.00			P
7440-36-0	Antimony	18.10	B	N	P
7440-38-2	Arsenic	.88	B		F
7440-39-3	Barium	248.00			P
7440-41-7	Beryllium	.98	B		P
7440-43-9	Cadmium	.91	U	N	P
7440-70-2	Calcium	101000.00		*	P
7440-47-3	Chromium	23.70			P
7440-48-4	Cobalt	7.00	B		P
7440-50-8	Copper	49.10		*	P
7439-89-6	Iron	21200.00			P
7439-92-1	Lead	13.30			F
7439-95-4	Magnesium	8890.00		*	P
7439-96-5	Manganese	252.00			P
7439-97-6	Mercury	.08	U		CV
7440-02-0	Nickel	21.30			P
7440-09-7	Potassium	5750.00			P
7782-49-2	Selenium	.82	B	W	F
7440-22-4	Silver	1.20	U		P
7440-23-5	Sodium	245.00	B		P
7440-28-0	Thallium	.30	U		F
7440-62-2	Vanadium	40.30			P
7440-66-6	Zinc	65.40		*	P
	Cyanide	.23	U		C

Color Before: BROWN Clarity Before: Texture: FINE

Color After: BROWN Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ312

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-2

Level (low/med): LOW Date Received: 1/24/92

% Solids: 88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4540.00			P
7440-36-0	Antimony	3.60	U	N	P
7440-38-2	Arsenic	.45	U		F
7440-39-3	Barium	27.20	B		P
7440-41-7	Beryllium	.23	U		P
7440-43-9	Cadmium	.68	U	N	P
7440-70-2	Calcium	9920.00		*	P
7440-47-3	Chromium	3.20			P
7440-48-4	Cobalt	3.90	B		P
7440-50-8	Copper	11.80		*	P
7439-89-6	Iron	12700.00			P
7439-92-1	Lead	2.80			F
7439-95-4	Magnesium	2060.00		*	P
7439-96-5	Manganese	192.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	4.50	B		P
7440-09-7	Potassium	1200.00			P
7782-49-2	Selenium	.23	U		F
7440-22-4	Silver	.91	U		P
7440-23-5	Sodium	70.00	B		P
7440-28-0	Thallium	.23	U		F
7440-62-2	Vanadium	22.80			P
7440-66-6	Zinc	22.80		*	P
	Cyanide	.17	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ313

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-3

Level (low/med): LOW Date Received: 1/24/92

% Solids: 93.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6120.00			P
7440-36-0	Antimony	3.40	U	N	P
7440-38-2	Arsenic	.75	B		F
7440-39-3	Barium	40.90	B		P
7440-41-7	Beryllium	.31	B		P
7440-43-9	Cadmium	.64	U	N	P
7440-70-2	Calcium	10400.00		*	P
7440-47-3	Chromium	12.90			P
7440-48-4	Cobalt	10.30	B		P
7440-50-8	Copper	16.00		*	P
7439-89-6	Iron	48200.00			P
7439-92-1	Lead	8.00			F
7439-95-4	Magnesium	3370.00		*	P
7439-96-5	Manganese	287.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	8.30	B		P
7440-09-7	Potassium	2040.00			P
7782-49-2	Selenium	.21	U		F
7440-22-4	Silver	.86	U		P
7440-23-5	Sodium	60.80	B		P
7440-28-0	Thallium	.36	B		F
7440-62-2	Vanadium	90.40			P
7440-66-6	Zinc	39.90		*	P
	Cyanide	.16	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MFQ314

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-4

Level (low/med): LOW Date Received: 1/24/92

% Solids: 84.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7380.00			P
7440-36-0	Antimony	3.80	U	N	P
7440-38-2	Arsenic	.47	U		F
7440-39-3	Barium	57.90			P
7440-41-7	Beryllium	.25	B		P
7440-43-9	Cadmium	.71	U	N	P
7440-70-2	Calcium	15300.00		*	P
7440-47-3	Chromium	5.20			P
7440-48-4	Cobalt	6.80	B		P
7440-50-8	Copper	11.10		*	P
7439-89-6	Iron	23600.00			P
7439-92-1	Lead	4.70			F
7439-95-4	Magnesium	4580.00		*	P
7439-96-5	Manganese	361.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	7.50	B		P
7440-09-7	Potassium	3020.00			P
7782-49-2	Selenium	.24	U		F
7440-22-4	Silver	.94	U		P
7440-23-5	Sodium	71.80	B		P
7440-28-0	Thallium	.24	U		F
7440-62-2	Vanadium	39.40			P
7440-66-6	Zinc	47.70		*	P
	Cyanide	.18	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ324

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-5

Level (low/med): LOW Date Received: 1/24/92

% Solids: 91.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10800.00			P
7440-36-0	Antimony	4.20	B	N	P
7440-38-2	Arsenic	3.40			F
7440-39-3	Barium	115.00			P
7440-41-7	Beryllium	.22	U		P
7440-43-9	Cadmium	.65	U	N	P
7440-70-2	Calcium	5090.00		*	P
7440-47-3	Chromium	1620.00			P
7440-48-4	Cobalt	10.50	B		P
7440-50-8	Copper	218.00		*	P
7439-89-6	Iron	68900.00			P
7439-92-1	Lead	418.00			F
7439-95-4	Magnesium	6310.00		*	P
7439-96-5	Manganese	405.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	11.50			P
7440-09-7	Potassium	6120.00			P
7782-49-2	Selenium	.22	U		F
7440-22-4	Silver	.87	U		P
7440-23-5	Sodium	338.00	B		P
7440-28-0	Thallium	.45	B		F
7440-62-2	Vanadium	92.20			P
7440-66-6	Zinc	65.30		*	P
	Cyanide	.17	B		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ326

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-6

Level (low/med): LOW Date Received: 1/24/92

% Solids: 91.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10500.00			P
7440-36-0	Antimony	3.50	U	N	P
7440-38-2	Arsenic	1.10	B		F
7440-39-3	Barium	87.30			P
7440-41-7	Beryllium	.38	B		P
7440-43-9	Cadmium	.66	U	N	P
7440-70-2	Calcium	10700.00		*	P
7440-47-3	Chromium	10.10			P
7440-48-4	Cobalt	10.30	B		P
7440-50-8	Copper	16.80		*	P
7439-89-6	Iron	37600.00			P
7439-92-1	Lead	23.00			F
7439-95-4	Magnesium	7120.00		*	P
7439-96-5	Manganese	599.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	10.20			P
7440-09-7	Potassium	4130.00			P
7782-49-2	Selenium	.22	U		F
7440-22-4	Silver	.87	U		P
7440-23-5	Sodium	200.00	B		P
7440-28-0	Thallium	.22	U		F
7440-62-2	Vanadium	69.30			P
7440-66-6	Zinc	83.70		*	P
	Cyanide	.16	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts:

Comments:

009

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ327

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-7

Level (low/med): LOW Date Received: 1/24/92

% Solids: 92.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15600.00			P
7440-36-0	Antimony	3.50	U	N	P
7440-38-2	Arsenic	8.30			F
7440-39-3	Barium	107.00			P
7440-41-7	Beryllium	.36	B		P
7440-43-9	Cadmium	.65	U	N	P
7440-70-2	Calcium	8570.00		*	P
7440-47-3	Chromium	36.60			P
7440-48-4	Cobalt	16.90			P
7440-50-8	Copper	209.00		*	P
7439-89-6	Iron	77600.00			P
7439-92-1	Lead	13.80			F
7439-95-4	Magnesium	10400.00		*	P
7439-96-5	Manganese	755.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	9.50			P
7440-09-7	Potassium	6660.00			P
7782-49-2	Selenium	.22	U	W	F
7440-22-4	Silver	.87	U		P
7440-23-5	Sodium	64.60	B		P
7440-28-0	Thallium	1.20	B		F
7440-62-2	Vanadium	120.00			P
7440-66-6	Zinc	114.00		*	P
	Cyanide	.16	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ328

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-8

Level (low/med): LOW Date Received: 1/24/92

% Solids: 88.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9250.00			P
7440-36-0	Antimony	3.60	U	N	P
7440-38-2	Arsenic	5.80			F
7440-39-3	Barium	116.00			P
7440-41-7	Beryllium	.32	B		P
7440-43-9	Cadmium	2.10		N	P
7440-70-2	Calcium	10400.00		*	P
7440-47-3	Chromium	515.00			P
7440-48-4	Cobalt	9.30	B		P
7440-50-8	Copper	5100.00		*	P
7439-89-6	Iron	46100.00			P
7439-92-1	Lead	6.20			F
7439-95-4	Magnesium	4880.00		*	P
7439-96-5	Manganese	354.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	26.30			P
7440-09-7	Potassium	3150.00			P
7782-49-2	Selenium	.23	U		F
7440-22-4	Silver	.91	U		P
7440-23-5	Sodium	180.00	B		P
7440-28-0	Thallium	.23	U		F
7440-62-2	Vanadium	59.00			P
7440-66-6	Zinc	205.00		*	P
	Cyanide	1.80			C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ329

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-9

Level (low/med): LOW Date Received: 1/24/92

% Solids: 58.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13700.00			P
7440-36-0	Antimony	9.30	B	N	P
7440-38-2	Arsenic	9.40			F
7440-39-3	Barium	70.70			P
7440-41-7	Beryllium	.34	U		P
7440-43-9	Cadmium	1.00	U	N	P
7440-70-2	Calcium	7730.00		*	P
7440-47-3	Chromium	2690.00			P
7440-48-4	Cobalt	10.30	B		P
7440-50-8	Copper	1850.00		*	P
7439-89-6	Iron	145000.00			P
7439-92-1	Lead	110.00			F
7439-95-4	Magnesium	7580.00		*	P
7439-96-5	Manganese	487.00			P
7439-97-6	Mercury	.56			CV
7440-02-0	Nickel	30.60			P
7440-09-7	Potassium	4880.00			P
7782-49-2	Selenium	.34	U		F
7440-22-4	Silver	41.40			P
7440-23-5	Sodium	126.00	B		P
7440-28-0	Thallium	.80	B		F
7440-62-2	Vanadium	118.00			P
7440-66-6	Zinc	90.50		*	P
	Cyanide	7.80			C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MFQ330

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-10

Level (low/med): LOW Date Received: 1/24/92

% Solids: 93.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14700.00			P
7440-36-0	Antimony	3.40	U	N	P
7440-38-2	Arsenic	1.10	B		F
7440-39-3	Barium	171.00			P
7440-41-7	Beryllium	.47	B		P
7440-43-9	Cadmium	.82	B	N	P
7440-70-2	Calcium	5850.00		*	P
7440-47-3	Chromium	611.00			P
7440-48-4	Cobalt	16.40			P
7440-50-8	Copper	9930.00		*	P
7439-89-6	Iron	48900.00			P
7439-92-1	Lead	19.00			F
7439-95-4	Magnesium	8780.00		*	P
7439-96-5	Manganese	532.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	33.10			P
7440-09-7	Potassium	5350.00			P
7782-49-2	Selenium	.21	U		F
7440-22-4	Silver	.99	B		P
7440-23-5	Sodium	89.30	B		P
7440-28-0	Thallium	.51	B		F
7440-62-2	Vanadium	85.50			P
7440-66-6	Zinc	110.00		*	P
	Cyanide	.16	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MFQ331

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-11

Level (low/med): LOW Date Received: 1/24/92

% Solids: 95.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8310.00			P
7440-36-0	Antimony	4.40	B	N	P
7440-38-2	Arsenic	1.70	B		F
7440-39-3	Barium	68.00			P
7440-41-7	Beryllium	.39	B		P
7440-43-9	Cadmium	.63	U	N	P
7440-70-2	Calcium	9190.00		*	P
7440-47-3	Chromium	63.30			P
7440-48-4	Cobalt	7.30	B		P
7440-50-8	Copper	541.00		*	P
7439-89-6	Iron	24100.00			P
7439-92-1	Lead	60.70			F
7439-95-4	Magnesium	4320.00		*	P
7439-96-5	Manganese	373.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	16.70			P
7440-09-7	Potassium	2850.00			P
7782-49-2	Selenium	.21	U		F
7440-22-4	Silver	.99	B		P
7440-23-5	Sodium	81.40	B		P
7440-28-0	Thallium	.71	B		F
7440-62-2	Vanadium	43.10			P
7440-66-6	Zinc	52.80		*	P
	Cyanide	.16	U		C

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MFQ332

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-12

Level (low/med): LOW Date Received: 1/24/92

% Solids: 97.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6530.00			P
7440-36-0	Antimony	3.30	U	N	P
7440-38-2	Arsenic	2.00	B		F
7440-39-3	Barium	178.00			P
7440-41-7	Beryllium	.20	U		P
7440-43-9	Cadmium	.61	U	N	P
7440-70-2	Calcium	12300.00		*	P
7440-47-3	Chromium	7.20			P
7440-48-4	Cobalt	4.60	B		P
7440-50-8	Copper	27.90		*	P
7439-89-6	Iron	14300.00			P
7439-92-1	Lead	5.60			F
7439-95-4	Magnesium	3110.00		*	P
7439-96-5	Manganese	260.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	5.60	B		P
7440-09-7	Potassium	2570.00			P
7782-49-2	Selenium	.20	U		F
7440-22-4	Silver	.82	U		P
7440-23-5	Sodium	74.90	B		P
7440-28-0	Thallium	.36	B		F
7440-62-2	Vanadium	29.60			P
7440-66-6	Zinc	31.10		*	P
	Cyanide	.15	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ333

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-13

Level (low/med): LOW Date Received: 1/24/92

% Solids: 87.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13300.00			P
7440-36-0	Antimony	5.60	B	N	P
7440-38-2	Arsenic	1.90	B		F
7440-39-3	Barium	112.00			P
7440-41-7	Beryllium	.34	B		P
7440-43-9	Cadmium	.68	U	N	P
7440-70-2	Calcium	15000.00		*	P
7440-47-3	Chromium	643.00			P
7440-48-4	Cobalt	6.40	B		P
7440-50-8	Copper	120.00		*	P
7439-89-6	Iron	34200.00			P
7439-92-1	Lead	18.40			F
7439-95-4	Magnesium	5640.00		*	P
7439-96-5	Manganese	324.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	14.50			P
7440-09-7	Potassium	4260.00			P
7782-49-2	Selenium	.23	U	W	F
7440-22-4	Silver	.91	U		P
7440-23-5	Sodium	341.00	B		P
7440-28-0	Thallium	.59	B		F
7440-62-2	Vanadium	57.80			P
7440-66-6	Zinc	54.00		*	P
	Cyanide	.17	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ334

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-14

Level (low/med): LOW Date Received: 1/24/92

% Solids: 90.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8670.00			P
7440-36-0	Antimony	3.50	U	N	P
7440-38-2	Arsenic	5.20			F
7440-39-3	Barium	110.00			P
7440-41-7	Beryllium	.32	B		P
7440-43-9	Cadmium	4.60		N	P
7440-70-2	Calcium	8090.00		*	P
7440-47-3	Chromium	514.00			P
7440-48-4	Cobalt	7.50	B		P
7440-50-8	Copper	4420.00		*	P
7439-89-6	Iron	44400.00			P
7439-92-1	Lead	61.90			F
7439-95-4	Magnesium	4670.00		*	P
7439-96-5	Manganese	331.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	27.10			P
7440-09-7	Potassium	3230.00			P
7782-49-2	Selenium	.29	B		F
7440-22-4	Silver	.94	B		P
7440-23-5	Sodium	162.00	B		P
7440-28-0	Thallium	.37	B		F
7440-62-2	Vanadium	56.00			P
7440-66-6	Zinc	184.00		*	P
	Cyanide	1.50			C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ335

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-15

Level (low/med): LOW Date Received: 1/24/92

% Solids: 81.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5110.00			P
7440-36-0	Antimony	3.90	U	N	P
7440-38-2	Arsenic	.69	B		F
7440-39-3	Barium	59.60			P
7440-41-7	Beryllium	.25	U		P
7440-43-9	Cadmium	.74	U	N	P
7440-70-2	Calcium	11300.00		*	P
7440-47-3	Chromium	10.40			P
7440-48-4	Cobalt	8.20	B		P
7440-50-8	Copper	52.60		*	P
7439-89-6	Iron	24600.00			P
7439-92-1	Lead	27.50			F
7439-95-4	Magnesium	3150.00		*	P
7439-96-5	Manganese	248.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	7.60	B		P
7440-09-7	Potassium	1780.00			P
7782-49-2	Selenium	.25	U		F
7440-22-4	Silver	.98	U		P
7440-23-5	Sodium	110.00	B		P
7440-28-0	Thallium	.25	B		F
7440-62-2	Vanadium	44.40			P
7440-66-6	Zinc	67.10		*	P
	Cyanide	.20	B		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ336

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-16

Level (low/med): LOW Date Received: 1/24/92

% Solids: 77.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21600.00			P
7440-36-0	Antimony	6.20	B	N	P
7440-38-2	Arsenic	1.60	B		F
7440-39-3	Barium	196.00			P
7440-41-7	Beryllium	.55	B		P
7440-43-9	Cadmium	.77	U	N	P
7440-70-2	Calcium	22400.00		*	P
7440-47-3	Chromium	105.00			P
7440-48-4	Cobalt	21.20			P
7440-50-8	Copper	6390.00		*	P
7439-89-6	Iron	63800.00			P
7439-92-1	Lead	118.00			F
7439-95-4	Magnesium	14300.00		*	P
7439-96-5	Manganese	1100.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	21.70			P
7440-09-7	Potassium	10500.00			P
7782-49-2	Selenium	.26	U		F
7440-22-4	Silver	1.00	U		P
7440-23-5	Sodium	521.00	B		P
7440-28-0	Thallium	.62	B		F
7440-62-2	Vanadium	118.00			P
7440-66-6	Zinc	229.00		*	P
	Cyanide	.19	U		C

Color Before: BROWN Clarity Before: Texture: FINE

Color After: BROWN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MFQ337

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-17

Level (low/med): LOW Date Received: 1/24/92

% Solids: 77.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6450.00			P
7440-36-0	Antimony	4.10	U	N	P
7440-38-2	Arsenic	.75	B		F
7440-39-3	Barium	53.90			P
7440-41-7	Beryllium	.26	U		P
7440-43-9	Cadmium	.77	U	N	P
7440-70-2	Calcium	19800.00		*	P
7440-47-3	Chromium	21.60			P
7440-48-4	Cobalt	11.60	B		P
7440-50-8	Copper	96.70		*	P
7439-89-6	Iron	61000.00			P
7439-92-1	Lead	20.70			F
7439-95-4	Magnesium	4350.00		*	P
7439-96-5	Manganese	408.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	9.60	B		P
7440-09-7	Potassium	2360.00			P
7782-49-2	Selenium	.26	U	W	F
7440-22-4	Silver	1.00	U		P
7440-23-5	Sodium	91.90	B		P
7440-28-0	Thallium	.33	B		F
7440-62-2	Vanadium	119.00			P
7440-66-6	Zinc	64.20		*	P
	Cyanide	.19	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MFQ338

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-18

Level (low/med): LOW Date Received: 1/24/92

% Solids: 80.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9320.00			P
7440-36-0	Antimony	4.00	U	N	P
7440-38-2	Arsenic	.91	B		F
7440-39-3	Barium	90.20			P
7440-41-7	Beryllium	.63	B		P
7440-43-9	Cadmium	.74	U	N	P
7440-70-2	Calcium	28900.00		*	P
7440-47-3	Chromium	38.90			P
7440-48-4	Cobalt	21.20			P
7440-50-8	Copper	186.00		*	P
7439-89-6	Iron	111000.00			P
7439-92-1	Lead	23.70			F
7439-95-4	Magnesium	6550.00		*	P
7439-96-5	Manganese	611.00			P
7439-97-6	Mercury	.06	U		CV
7440-02-0	Nickel	17.40			P
7440-09-7	Potassium	3760.00			P
7782-49-2	Selenium	.25	U	W	F
7440-22-4	Silver	.99	U		P
7440-23-5	Sodium	136.00	B		P
7440-28-0	Thallium	.56	B		F
7440-62-2	Vanadium	222.00			P
7440-66-6	Zinc	92.70		*	P
	Cyanide	.19	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ339

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-19

Level (low/med): LOW Date Received: 1/24/92

% Solids: 94.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8290.00			P
7440-36-0	Antimony	17.00	U	N	P
7440-38-2	Arsenic	.87	B		F
7440-39-3	Barium	61.10	B		P
7440-41-7	Beryllium	1.40	B		P
7440-43-9	Cadmium	3.20	U	N	P
7440-70-2	Calcium	11700.00		*	P
7440-47-3	Chromium	96.40			P
7440-48-4	Cobalt	18.10	B		P
7440-50-8	Copper	195.00		*	P
7439-89-6	Iron	194000.00			P
7439-92-1	Lead	75.10			F
7439-95-4	Magnesium	5840.00		*	P
7439-96-5	Manganese	614.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	27.60	B		P
7440-09-7	Potassium	3470.00	B		P
7782-49-2	Selenium	.30	B		F
7440-22-4	Silver	4.20	U		P
7440-23-5	Sodium	198.00	U		P
7440-28-0	Thallium	.45	B		F
7440-62-2	Vanadium	361.00			P
7440-66-6	Zinc	89.20		*	P
	Cyanide	.16	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MFQ340

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Lab Sample ID: 2A17-20

Level (low/med): LOW Date Received: 1/24/92

% Solids: 91.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9460.00			P
7440-36-0	Antimony	18.50	B	N	P
7440-38-2	Arsenic	1.20	B		F
7440-39-3	Barium	86.80	B		P
7440-41-7	Beryllium	1.10	U		P
7440-43-9	Cadmium	3.30	U	N	P
7440-70-2	Calcium	14300.00		*	P
7440-47-3	Chromium	97.00			P
7440-48-4	Cobalt	29.20	B		P
7440-50-8	Copper	270.00		*	P
7439-89-6	Iron	255000.00			P
7439-92-1	Lead	78.20			F
7439-95-4	Magnesium	6690.00		*	P
7439-96-5	Manganese	731.00			P
7439-97-6	Mercury	.05	U		CV
7440-02-0	Nickel	29.90	B		P
7440-09-7	Potassium	3440.00	B		P
7782-49-2	Selenium	.48	B		F
7440-22-4	Silver	4.40	U		P
7440-23-5	Sodium	204.00	U		P
7440-28-0	Thallium	.43	B	W	F
7440-62-2	Vanadium	482.00			P
7440-66-6	Zinc	103.00		*	P
	Cyanide	.16	U		C

Color Before: BROWN Clarity Before: Texture: FINE

Color After: TAN Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Initial Calibration Source: EPA

Continuing Calibration Source: EPA

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum	2172.0	2021.72	93.1	2172.0	2027.44	93.3	2012.80	92.7	P
Antimony	978.0	1037.29	106.1	978.0	1032.43	105.6	1018.13	104.1	P
Arsenic	47.4	49.70	104.9	47.4	50.60	106.8	49.60	104.6	F
Barium	2041.0	1969.69	96.5	2041.0	1974.20	96.7	1966.80	96.4	P
Beryllium	510.9	490.24	96.0	510.9	492.26	96.4	490.85	96.1	P
Cadmium	498.0	490.85	98.6	498.0	481.30	96.6	480.92	96.6	P
Calcium	51519.0	50081.75	97.2	51519.0	50114.31	97.3	50015.13	97.1	P
Chromium	510.0	483.68	94.8	510.0	483.54	94.8	480.69	94.3	P
Cobalt	520.0	507.53	97.6	520.0	507.78	97.6	506.86	97.5	P
Copper	519.0	483.02	93.1	519.0	497.38	95.8	517.00	99.6	P
Iron	2044.0	1998.87	97.8	2044.0	2040.24	99.8	2036.71	99.6	P
Lead	48.8	51.00	104.5	48.8	50.90	104.3	53.50	109.6	F
Magnesium	25745.0	24916.21	96.8	25745.0	24707.59	96.0	24559.24	95.4	P
Manganese	516.0	498.20	96.6	516.0	497.92	96.5	496.01	96.1	P
Mercury	5.0	4.70	94.0	5.0	4.78	95.6	4.39	87.8	CV
Nickel	497.0	493.69	99.3	497.0	496.28	99.9	476.44	95.9	P
Potassium	52068.0	48154.42	92.5	52068.0	50461.79	96.9	49570.70	95.2	P
Selenium	52.6	51.20	97.3	52.6	48.70	92.6	48.30	91.8	F
Silver	498.0	491.11	98.6	498.0	482.42	96.9	480.96	96.6	P
Sodium	51368.0	48262.80	94.0	51368.0	49694.48	96.7	49139.99	95.7	P
Thallium	48.5	49.43	101.9	48.5	52.31	107.9	49.83	102.7	F
Vanadium	507.0	498.19	98.3	507.0	498.03	98.2	492.28	97.1	P
Zinc	3316.0	3265.53	98.5	3316.0	3246.54	97.9	3252.18	98.1	P
Cyanide	94.0	100.66	107.1	94.0	99.10	105.4	98.71	105.0	C

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Initial Calibration Source: EPA

Continuing Calibration Source: EPA

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				2172.0	2025.24	93.2	2034.57	93.7	P
Antimony				978.0	1016.03	103.9	1024.42	104.7	P
Arsenic				47.4	49.10	103.6	49.20	103.8	F
Barium				2041.0	1969.15	96.5	1970.49	96.5	P
Beryllium				510.9	488.35	95.6	490.95	96.1	P
Cadmium				498.0	486.93	97.8	485.00	97.4	P
Calcium				51519.0	50050.50	97.1	50076.28	97.2	P
Chromium				510.0	472.72	92.7	480.37	94.2	P
Cobalt				520.0	502.60	96.7	505.39	97.2	P
Copper				519.0	489.76	94.4	491.02	94.6	P
Iron				2044.0	2165.61	105.9	2042.54	99.9	P
Lead				48.8	51.50	105.5	52.50	107.6	F
Magnesium				25745.0	24586.18	95.5	24366.80	94.6	P
Manganese				516.0	495.94	96.1	495.48	96.0	P
Mercury				5.0	4.62	92.4	4.70	94.0	CV
Nickel				497.0	499.14	100.4	494.84	99.6	P
Potassium				52068.0	49988.80	96.0	49507.23	95.1	P
Selenium				52.6	47.40	90.1			F
Silver				498.0	484.62	97.3	479.52	96.3	P
Sodium				51368.0	49332.62	96.0	48990.82	95.4	P
Thallium				48.5	46.79	96.5			F
Vanadium				507.0	489.47	96.5	486.35	95.9	P
Zinc				3316.0	3250.37	98.0	3245.47	97.9	P
Cyanide	94.0	94.60	100.6	94.0	93.87	99.9	93.87	99.9	C

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Initial Calibration Source: EPA

Continuing Calibration Source: EPA

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				2172.0	2001.98	92.2			P
Antimony				978.0	1027.74	105.1			P
Arsenic				47.4	50.20	105.9	50.40	106.3	F
Barium				2041.0	1966.09	96.3			P
Beryllium				510.9	493.64	96.6			P
Cadmium				498.0	481.11	96.6			P
Calcium				51519.0	50079.23	97.2			P
Chromium				510.0	478.29	93.8			P
Cobalt				520.0	505.40	97.2			P
Copper				519.0	488.01	94.0			P
Iron				2044.0	2023.93	99.0			P
Lead				48.8	48.60	99.6	50.70	103.9	F
Magnesium				25745.0	24132.49	93.7			P
Manganese				516.0	493.55	95.6			P
Mercury				5.0	5.26	105.2			CV
Nickel				497.0	515.09	103.6			P
Potassium				52068.0	49035.33	94.2			P
Selenium	52.6	53.00	100.8	52.6	52.80	100.4	54.40	103.4	F
Silver				498.0	473.59	95.1			P
Sodium				51368.0	48828.38	95.1			P
Thallium	48.5	50.07	103.2	48.5	45.90	94.6	49.42	101.9	F
Vanadium				507.0	486.56	96.0			P
Zinc				3316.0	3234.42	97.5			P
Cyanide				94.0	92.77	98.7			C

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Initial Calibration Source: EPA

Continuing Calibration Source: EPA

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic	47.4	51.30	108.2	47.4	49.40	104.2	48.20	101.7	F
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead				48.8	50.10	102.7			F
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium				52.6	53.70	102.1			F
Silver									NR
Sodium									NR
Thallium				48.5	46.08	95.0	47.29	97.5	F
Vanadium									NR
Zinc									NR
Cyanide	94.0	97.76	104.0	94.0	97.04	103.2			C

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Initial Calibration Source: EPA

Continuing Calibration Source: EPA

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic				47.4	48.70	102.7			F
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead	48.8	51.30	105.1	48.8	50.40	103.3			F
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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2B
CRDL STANDARD FOR AA AND ICP

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

AA CRDL Standard Source: IN. VENTURES

ICP CRDL Standard Source: IN. VENTURES

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
					Initial		Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				400.0	421.35	105.3	433.49	108.4
Antimony				120.0	130.58	108.8	121.04	100.9
Arsenic	10.0	9.70	97.0					
Barium				400.0	395.62	98.9	395.48	98.9
Beryllium				10.0	9.52	95.2	9.31	93.1
Cadmium				10.0	8.51	85.1	9.63	96.3
Calcium								
Chromium				20.0	19.25	96.2	16.39	82.0
Cobalt				100.0	103.49	103.5	101.85	101.8
Copper				50.0	33.21	66.4	53.22	106.4
Iron				200.0	174.36	87.2	192.60	96.3
Lead	3.0	4.60	153.3					
Magnesium								
Manganese				30.0	31.75	105.8	31.37	104.6
Mercury	.2	.21	105.0					
Nickel				80.0	87.61	109.5	91.16	114.0
Potassium								
Selenium	5.0	5.00	100.0					
Silver				20.0	21.47	107.4	18.09	90.4
Sodium								
Thallium	10.0	9.97	99.7					
Vanadium				100.0	100.51	100.5	97.73	97.7
Zinc				40.0	41.40	103.5	45.07	112.7

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2B
CRDL STANDARD FOR AA AND ICP

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

AA CRDL Standard Source: IN. VENTURES

ICP CRDL Standard Source: IN. VENTURES

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
					Initial		Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum								
Antimony								
Arsenic	10.0	8.40	84.0					
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	3.0	2.70	90.0					
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium	5.0	6.00	120.0					
Silver								
Sodium								
Thallium	10.0	9.66	96.6					
Vanadium								
Zinc								

U.S. EPA - CLP

3
BLANKS

Lab name: N.F.T. INC. Contract: 68-D0-0145

Lab code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	9.0	U	9.0	U	17.8	B	12.1	B	7.744	B	P
Antimony	16.0	U	16.0	U	16.0	U	16.0	U	3.200	U	P
Arsenic	2.0	U	2.0	U	2.0	U	2.0	U	.400	U	F
Barium	1.7	B	1.0	U	1.2	B	1.7	B	.200	U	P
Beryllium	1.0	U	1.0	U	1.0	U	1.0	U	.200	U	P
Cadmium	3.0	U	3.0	U	3.0	U	3.0	U	.600	U	P
Calcium	-112.7	B	-135.5	B	-148.6	B	-145.0	B	-30.464	B	P
Chromium	4.0	U	4.0	U	4.0	U	-4.5	B	.800	U	P
Cobalt	4.0	U	4.0	U	4.0	U	4.0	U	.800	U	P
Copper	-15.4	B	-4.8	B	14.5	B	-5.4	B	-3.016	B	P
Iron	-27.0	B	-14.9	B	-12.7	B	21.5	B	-2.720	B	P
Lead	1.0	U	1.0	U	1.0	U	1.0	U	.200	U	F
Magnesium	-67.0	B	-60.0	B	-58.4	B	-53.2	B	-14.744	B	P
Manganese	1.0	U	1.0	U	1.0	U	1.0	B	.200	U	P
Mercury	.1	U	.1	U	.1	U	.1	U	.050	U	CV
Nickel	16.2	B	11.6	B	11.0	U	11.0	U	2.200	U	P
Potassium	265.0	U	265.0	U	265.0	U	265.0	U	53.000	U	P
Selenium	1.0	U	1.0	U	1.0	U	1.0	B	.200	U	F
Silver	4.0	U	4.0	U	4.0	U	4.0	U	.800	U	P
Sodium	187.0	U	187.0	U	187.0	U	187.0	U	37.400	U	P
Thallium	1.0	U	1.0	U	1.0	U	1.0	U	.200	U	F
Vanadium	3.0	U	-3.5	B	3.0	U	3.0	U	-.696	B	P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U	1.000	U	P
Cyanide	3.0	U	3.0	U	3.0	U			.150	U	C

U.S. EPA - CLP

3
BLANKS

Lab name: N.F.T. INC. Contract: 68-D0-0145

Lab code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			25.2	B	23.7	B					P
Antimony			16.0	U	16.0	U					P
Arsenic			2.0	U	2.0	U	2.0	U			F
Barium			1.0	U	1.0	U					P
Beryllium			1.0	U	1.0	U					P
Cadmium			3.0	U	3.0	U					P
Calcium			-176.4	B	-170.5	B					P
Chromium			4.0	U	4.0	U					P
Cobalt			4.0	U	4.0	U					P
Copper			-7.1	B	-8.3	B					P
Iron			-7.6	B	6.0	U					P
Lead			1.2	B	1.1	B	1.0	U			F
Magnesium			-60.8	B	-57.7	B					P
Manganese			1.0	U	1.0	U					P
Mercury			.1	U	.1	U					CV
Nickel			11.0	U	14.9	B					P
Potassium			265.0	U	265.0	U					P
Selenium	1.0	B	1.7	B	1.8	B	1.5	B			F
Silver			4.0	U	4.0	U					P
Sodium			187.0	U	187.0	U					P
Thallium	1.0	U	1.0	U	1.0	U	1.0	U			F
Vanadium			3.0	U	3.0	U					P
Zinc			5.0	U	5.0	U					P
Cyanide	3.0	U	3.0	U	3.0	U	3.0	U	.150	U	C

U.S. EPA - CLP

3
BLANKS

Lab name: N.F.T. INC. Contract: 68-D0-0145

Lab code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic	2.0	U	2.0	U	2.0	U	2.0	U			F
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead			1.0	U							F
Magnesium											NR
Manganese											NR
Mercury											NR
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium											NR
Thallium			1.0	U							F
Vanadium											NR
Zinc											NR
Cyanide	3.0	U	3.0	U					.150	U	C

U.S. EPA - CLP

3
BLANKS

Lab name: N.F.T. INC. Contract: 68-D0-0145

Lab code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead	-1.7	B	-1.4	B							F
Magnesium											NR
Manganese											NR
Mercury											NR
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Cyanide											NR

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 ICS Source: EPA

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	%R	Final Found Sol. A	Final Found Sol. AB	%R
Aluminum	540055	536472	551274	543912.2	101.4	543080	537403.8	100.2
Antimony	0	0	1	81.3		27	90.0	
Arsenic								
Barium	0	502	12	485.3	96.7	11	486.0	96.8
Beryllium	0	480	0	504.0	105.0	0	507.8	105.8
Cadmium	0	907	-4	903.0	99.6	-9	893.5	98.5
Calcium	494040	512228	521747	513372.9	100.2	523319	515632.7	100.7
Chromium	21	529	4	494.1	93.4	14	493.0	93.2
Cobalt	0	477	-2	464.5	97.4	1	464.1	97.3
Copper	0	543	5	517.5	95.3	23	530.6	97.7
Iron	206236	199845	197860	195130.6	97.6	197314	194639.7	97.4
Lead								
Magnesium	531358	527530	508425	499033.6	94.6	495135	488700.6	92.6
Manganese	34	496	23	480.8	96.9	22	475.9	95.9
Mercury								
Nickel	0	940	2	912.2	97.0	3	902.7	96.0
Potassium	0	0	-19	-352.8		-43	-381.8	
Selenium								
Silver	0	960	-2	869.3	90.6	-4	853.1	88.9
Sodium	0	0	1662	1688.7		1693	1738.8	
Thallium								
Vanadium	0	509	11	495.1	97.3	18	491.8	96.6
Zinc	216	1208	211	1187.6	98.3	211	1187.6	98.3

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5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MFQ334S

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix: SOIL Level (low/med): LOW

% Solids for Sample: 90.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		9125.9317		8666.8282		440.53	104.2		P
Antimony	75-125	48.4075		3.5242	U	110.13	44.0	N	P
Arsenic	75-125	13.6564		5.2423		8.81	95.5		F
Barium	75-125	532.3678		109.7687		440.53	95.9		P
Beryllium	75-125	10.9097		.3194	B	11.01	96.2		P
Cadmium	75-125	12.5132		4.6211		11.01	71.7	N	P
Calcium									NR
Chromium		523.9890		514.1322		44.05	22.4		P
Cobalt	75-125	115.9163		7.5308	B	110.13	98.4		P
Copper		5236.6366		4415.6740		55.07	1490.8		P
Iron		40405.4361		44359.6520		220.26	-1795.2		P
Lead		62.3348		61.8943		4.41	10.0		F
Magnesium									NR
Manganese	75-125	417.3789		330.8194		110.13	78.6		P
Mercury	75-125	.6200		.0551	U	.55	112.7		CV
Nickel	75-125	131.3612		27.0969		110.13	94.7		P
Potassium									NR
Selenium	75-125	2.1806		.2863	B	2.20	86.1		F
Silver	75-125	9.2621		.9361	B	11.01	75.6		P
Sodium									NR
Thallium	75-125	12.3559		.3659	B	11.01	108.9		F
Vanadium	75-125	162.2445		56.0352		110.13	96.4		P
Zinc	75-125	268.7401		183.5639		110.13	77.3		P
Cyanide	75-125	30.6798		1.5009		27.53	106.0		C

Comments:

U.S. EPA - CLP

5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MFQ334A

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix: SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony		124.35		16.00	U	120.0	103.6		P
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium		53.26		20.98		35.0	92.2		P
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

MFQ334D

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (water/soil): SOIL Level (low/med): LOW

% Solids for Sample: 90.8 % Solids for Duplicate: 90.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	%RPD	Q	M
Aluminum		8666.8282		8878.6784		2.4		P
Antimony		3.5242	U	5.0419	B	200.0		P
Arsenic	2.2	5.2423		5.7489		9.2		F
Barium	44.1	109.7687		104.5110		4.9		P
Beryllium		.3194	B	.2467	B	25.7		P
Cadmium	1.1	4.6211		4.3811		5.3		P
Calcium		8088.3656		13250.7004		48.4	*	P
Chromium		514.1322		602.0396		15.8		P
Cobalt		7.5308	B	7.9449	B	5.4		P
Copper		4415.6740		5603.6982		23.7	*	P
Iron		44359.6520		41968.0947		5.5		P
Lead		61.8943		62.9956		1.8		F
Magnesium	1101.3	4674.0573		5952.6145		24.1	*	P
Manganese		330.8194		398.5485		18.6		P
Mercury		.0551	U	.0831	B	200.0		CV
Nickel	8.8	27.0969		33.7753		21.9		P
Potassium	1101.3	3233.2269		3072.7004		5.1		P
Selenium		.2863	B	.2203	U	200.0		F
Silver		.9361	B	.8811	U	200.0		P
Sodium		162.3502	B	198.7621	B	20.2		P
Thallium		.3659	B	.4187	B	13.5		F
Vanadium	11.0	56.0352		51.1079		9.2		P
Zinc		183.5639		318.2269		53.7	*	P
Cyanide	.6	1.5009		1.5405		2.6		C

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7
LABORATORY CONTROL SAMPLE

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Solid LCS Source: EPA

Aqueous LCS Source: IN. VENTURES

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				325.0	371.0		225.0	424.0	114.2
Antimony				211.0	234.2		127.0	294.0	111.0
Arsenic				917.0	980.0		635.0	1199.0	106.9
Barium				4.8	5.3	B	0.0	40.0	110.4
Beryllium				19.4	20.0		16.5	22.3	103.1
Cadmium				45.4	42.8		35.7	55.1	94.3
Calcium				196200.0	192246.9		166800.0	225600.0	98.0
Chromium				99.6	97.7		79.2	120.0	98.1
Cobalt				144.0	153.3		125.0	162.0	106.5
Copper				6910.0	7030.0		6006.0	7820.0	101.7
Iron				22430.0	23665.1		17770.0	27080.0	105.5
Lead				236.0	249.0		188.0	285.0	105.5
Magnesium				118100.0	116628.2		100400.0	129900.0	98.8
Manganese				208.0	208.6		177.0	239.0	100.3
Mercury				12.7	12.5		8.5	17.0	98.4
Nickel				60.9	61.5		49.2	72.6	101.0
Potassium				50.0	53.0	U	0.0	1000.0	0.0
Selenium				39.2	41.6		19.1	59.4	106.1
Silver				22.2	22.2		15.5	29.0	100.0
Sodium				50.0	37.4	U	0.0	1000.0	0.0
Thallium				39.0	42.5		24.6	53.5	109.0
Vanadium				65.8	73.2		51.7	79.9	111.2
Zinc				187.0	181.3		138.0	236.0	97.0
Cyanide				5.6	6.3		4.3	6.9	112.5

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7
LABORATORY CONTROL SAMPLE

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Solid LCS Source: EPA

Aqueous LCS Source: IN. VENTURES

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide				5.6	6.5		4.3	6.9	116.1

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7
LABORATORY CONTROL SAMPLE

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Solid LCS Source: EPA

Aqueous LCS Source: IN. VENTURES

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide				5.6	6.1		4.3	6.9	108.9

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8
Standard Addition Results

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Concentration Units: ug/L

EPA Sample No.	An	0 ADD ABS	1 ADD CON	1 ADD ABS	2 ADD CON	2 ADD ABS	3 ADD CON	3 ADD ABS	Final Conc.	r	Q

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9

ICP SERIAL DILUTIONS

EPA SAMPLE NO.

MFQ334L

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	39347.40		41105.05		4.5		P
Antimony	16.00	U	80.00	U			P
Arsenic							
Barium	498.35		519.90	B	4.3		P
Beryllium	1.45	B	5.00	U	100.0		P
Cadmium	20.98		15.00	U	100.0		P
Calcium	36721.18		37650.85		2.5		P
Chromium	2334.16		2418.05		3.6		P
Cobalt	34.19	B	41.15	B	20.4		P
Copper	20047.16		21054.05		5.0		P
Iron	201392.82		212117.10		5.3		P
Lead							
Magnesium	21220.22		21916.95	B	3.3		P
Manganese	1501.92		1573.60		4.8		P
Mercury							
Nickel	123.02		128.45	B	4.4		P
Potassium	14678.85		15593.80	B	6.2		P
Selenium							
Silver	4.25	B	20.00	U	100.0		P
Sodium	737.07	B	941.70	B	27.8		P
Thallium							
Vanadium	254.40		256.70		.9		P
Zinc	833.38		882.00		5.8		P

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 Date: 1/16/92

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200	9.0	P
Antimony	206.84		60	16.0	P
Arsenic			10		NR
Barium	493.41		200	1.0	P
Beryllium	313.04		5	1.0	P
Cadmium	228.80		5	3.0	P
Calcium	317.93		5000	24.0	P
Chromium	267.72		10	4.0	P
Cobalt	228.80		50	4.0	P
Copper	324.75		25	2.0	P
Iron	259.94		100	6.0	P
Lead			3		NR
Magnesium	279.08		5000	17.0	P
Manganese	257.61		15	1.0	P
Mercury			0.2		NR
Nickel	231.60		40	11.0	P
Potassium	766.49		5000	265.0	P
Selenium			5		NR
Silver	328.07		10	4.0	P
Sodium	589.00		5000	187.0	P
Thallium			10		NR
Vanadium	292.40		50	3.0	P
Zinc	213.86		20	5.0	P

Comments:

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: Date: 1/07/92

Flame AA ID Number:

Furnace AA ID Number: PE Z5100

Analyte	Wave-length (nm)	Back ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic	193.70	BZ	10	2.0	F
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead	283.80	BZ	3	1.0	F
Magnesium			5000		NR
Manganese			15		NR
Mercury			0.2		NR
Nickel			40		NR
Potassium			5000		NR
Selenium	196.00	BZ	5	1.0	F
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR

Comments:

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: Date: 1/14/92

Flame AA ID Number:

Furnace AA ID Number: PE 5000

Analyte	Wave-length (nm)	Back ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury			0.2		NR
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium	276.80	BD	10	1.0	F
Vanadium			50		NR
Zinc			20		NR

Comments:

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: Date: 1/15/92

Flame AA ID Number: FISHER HG-3

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury	253.70		0.2	.1	CV
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR

Comments:

11A
ICP Interelement Correction Factors (Annually)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 Date: 2/01/92

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	AS
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	.0000620	0.0000000	0.0000000
Arsenic	193.70	.0103230	0.0000000	.0007760	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	.0000005	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	228.80	0.0000000	0.0000000	0.0000000	0.0000000	.0154500
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	-.0000100	0.0000000	0.0000000
Cobalt	228.80	0.0000000	0.0000000	.0000660	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	.0000590	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	.0009180	0.0000000	.0001020	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	-.0009800	0.0000000	0.0000000
Manganese	257.61	.0000110	0.0000000	-.0001800	.0000180	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	-.0009300	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	-.0000200	0.0000000	0.0000000
Sodium	589.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	.0018450	0.0000000	.0003690	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	.0002590	0.0000000	0.0000000
Zinc	213.86	0.0000000	0.0000000	.0001410	0.0000000	0.0000000

Comments:

11B
ICP Interelement Correction Factors (Annually)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 Date: 2/01/92

Analyte	Wave-length (nm)	Interelement Correction Factors for: B	BA	BE	CD	CO
Aluminum	308.22	0.0000000	0.0000000	.0008320	0.0000000	-.0003500
Antimony	206.84	-.0009200	0.0000000	0.0000000	0.0000000	-.0008000
Arsenic	193.70	0.0000000	0.0000000	-.0014000	0.0000000	.0007510
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	.0000520
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	228.80	0.0000000	0.0000000	.0044570	0.0000000	.0001390
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	.0000770	.0001050	.0000300
Cobalt	228.80	0.0000000	.0006410	0.0000000	.0001890	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	-.0000200
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	.0000930
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	-.0010100
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	-.0013400
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	.0003690
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	-.0092000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	.0008450	0.0000000	.0054870
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	-.0000400
Zinc	213.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP

11B
ICP Interelement Correction Factors (Annually)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 Date: 2/01/92

Analyte	Wave-length (nm)	Interelement Correction Factors for: CR	CU	MN	MO	NI
Aluminum	308.22	0.0000000	0.0000000	.0013410	.0064740	0.0000000
Antimony	206.84	.0030270	0.0000000	0.0000000	-.0025100	.0002720
Arsenic	193.70	.0008430	0.0000000	-.0020700	-.0004100	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	.0000090	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	-.0000400	0.0000000
Cadmium	228.80	0.0000000	0.0000000	-.0000200	.0000480	-.0002100
Calcium	317.93	.0007550	0.0000000	.0001870	.0005680	0.0000000
Chromium	267.72	0.0000000	0.0000000	-.0002000	-.0008200	0.0000000
Cobalt	228.80	.0001320	0.0000000	0.0000000	.0003890	.0004070
Copper	324.75	.0000140	0.0000000	.0000060	.0006510	0.0000000
Iron	259.94	.0003090	0.0000000	-.0002900	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	-.0015700	.0009060	.0006360
Magnesium	279.08	-.0051900	0.0000000	0.0000000	-.0041500	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	-.0001900	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	.0003310	-.0126300	0.0000000
Silver	328.07	0.0000000	.0000190	.0001140	-.0001400	0.0000000
Sodium	589.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	.0004620	0.0000000	.0025290	.0072810	0.0000000
Vanadium	292.40	.0002300	-.0000300	0.0000000	.0020410	.0000260
Zinc	213.86	-.0001300	.0059870	.0000570	-.0011400	.0035580

Comments:

U.S. EPA - CLP

11B
ICP Interelement Correction Factors (Annually)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 Date: 2/01/92

Analyte	Wave-length (nm)	Interelement Correction Factors for: P	PB	SB	SI	SN
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	-.0012400	.0046130
Arsenic	193.70	0.0000000	0.0000000	.0009210	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	228.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	.0000270	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.80	0.0000000	0.0000000	0.0000000	0.0000000	.0000810
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	.0000730	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	-.0014100	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	-.0015300	.0014300	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.86	-.0000300	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP

11B
ICP Interelement Correction Factors (Annually)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 Date: 2/01/92

Analyte	Wave-length (nm)	Interelement Correction Factors for: SR	TI	TL	U	V
Aluminum	308.22	0.0000000	-.0008800	0.0000000	.0101950	.0170720
Antimony	206.84	0.0000000	.0008680	0.0000000	0.0000000	.0009280
Arsenic	193.70	0.0000000	0.0000000	0.0000000	.0026850	.0186280
Barium	493.41	.0000370	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	.0000940	0.0000000	.0000690	.0060360
Cadmium	228.80	0.0000000	-.0000200	0.0000000	-.0002000	.0001540
Calcium	317.93	0.0000000	.0002240	0.0000000	-.0130000	.0004050
Chromium	267.72	0.0000000	.0001360	0.0000000	-.0019000	.0002990
Cobalt	228.80	0.0000000	.0022030	0.0000000	-.0001000	0.0000000
Copper	324.75	0.0000000	.0000940	0.0000000	.0010430	0.0000000
Iron	259.94	0.0000000	-.0002200	0.0000000	.0004130	.0000800
Lead	220.35	0.0000000	.0008760	0.0000000	.0020960	-.0041100
Magnesium	279.08	0.0000000	.0003030	0.0000000	.0140460	-.0058700
Manganese	257.61	0.0000000	0.0000000	0.0000000	.0000990	0.0000000
Mercury						
Nickel	231.60	0.0000000	.0000620	.0002770	0.0000000	-.0000300
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	-.0022000	-.0023200
Silver	328.07	0.0000000	.0000960	0.0000000	.0011230	-.0001500
Sodium	589.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	.0045340	0.0000000	.0005980	.0053090
Vanadium	292.40	0.0000000	.0007380	0.0000000	-.0019500	0.0000000
Zinc	213.86	0.0000000	-.0002000	0.0000000	-.0001000	.0000440

Comments:

U.S. EPA - CLP

11B
ICP Interelement Correction Factors (Annually)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 Date: 2/01/92

Analyte	Wave-length (nm)	Interelement Correction Factors for: ZR				
Aluminum	308.22	0.0000000				
Antimony	206.84	0.0000000				
Arsenic	193.70	-.0426400				
Barium	493.41	0.0000000				
Beryllium	313.04	-.0015600				
Cadmium	228.80	-.0000300				
Calcium	317.93	-.0002100				
Chromium	267.72	-.0002700				
Cobalt	228.80	-.0000800				
Copper	324.75	0.0000000				
Iron	259.94	0.0000000				
Lead	220.35	.0001170				
Magnesium	279.08	.0001630				
Manganese	257.61	0.0000000				
Mercury						
Nickel	231.60	0.0000000				
Potassium	766.49	0.0000000				
Selenium	196.03	-.0006700				
Silver	328.07	.0034690				
Sodium	589.00	0.0000000				
Thallium	190.86	.0001510				
Vanadium	292.40	-.0006200				
Zinc	213.86	0.0000000				

Comments:

U.S. EPA - CLP

12
ICP Linear Ranges (Quarterly)

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

ICP ID Number: TJA ICAP-61 Date: 1/14/92

Analyte	Integ. Time (sec.)	Concentration (ug/L)	M
Aluminum	5.00	600000.0	
Antimony	5.00	100000.0	
Arsenic	5.00	100000.0	
Barium	5.00	250000.0	
Beryllium	5.00	50000.0	
Cadmium	5.00	100000.0	
Calcium	5.00	1100000.0	
Chromium	5.00	100000.0	
Cobalt	5.00	100000.0	
Copper	5.00	100000.0	
Iron	5.00	500000.0	
Lead	5.00	100000.0	
Magnesium	5.00	1000000.0	
Manganese	5.00	100000.0	
Mercury			NR
Nickel	5.00	100000.0	
Potassium	5.00	1000000.0	
Selenium	5.00	100000.0	
Silver	5.00	10000.0	
Sodium	5.00	750000.0	
Thallium	5.00	100000.0	
Vanadium	5.00	100000.0	
Zinc	5.00	100000.0	

Comments:

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PREPARATION LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No: SDG No.: MFQ311

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	2/05/92	1.00	200
MFQ311	2/05/92	1.00	200
MFQ312	2/05/92	1.00	200
MFQ313	2/05/92	1.00	200
MFQ314	2/05/92	1.00	200
MFQ324	2/05/92	1.00	200
MFQ326	2/05/92	1.00	200
MFQ327	2/05/92	1.00	200
MFQ328	2/05/92	1.00	200
MFQ329	2/05/92	1.00	200
MFQ330	2/05/92	1.00	200
MFQ331	2/05/92	1.00	200
MFQ332	2/05/92	1.00	200
MFQ333	2/05/92	1.00	200
MFQ334	2/05/92	1.00	200
MFQ334D	2/05/92	1.00	200
MFQ334S	2/05/92	1.00	200
MFQ335	2/05/92	1.00	200
MFQ336	2/05/92	1.00	200
MFQ337	2/05/92	1.00	200
MFQ338	2/05/92	1.00	200
MFQ339	2/05/92	1.00	200
MFQ340	2/05/92	1.00	200
PBS	2/05/92	1.00	200

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PREPARATION LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No: SDG No.: MFQ311

Method: F

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	2/05/92	1.00	200
MFQ311	2/05/92	1.00	200
MFQ312	2/05/92	1.00	200
MFQ313	2/05/92	1.00	200
MFQ314	2/05/92	1.00	200
MFQ324	2/05/92	1.00	200
MFQ326	2/05/92	1.00	200
MFQ327	2/05/92	1.00	200
MFQ328	2/05/92	1.00	200
MFQ329	2/05/92	1.00	200
MFQ330	2/05/92	1.00	200
MFQ331	2/05/92	1.00	200
MFQ332	2/05/92	1.00	200
MFQ333	2/05/92	1.00	200
MFQ334	2/05/92	1.00	200
MFQ334D	2/05/92	1.00	200
MFQ334S	2/05/92	1.00	200
MFQ335	2/05/92	1.00	200
MFQ336	2/05/92	1.00	200
MFQ337	2/05/92	1.00	200
MFQ338	2/05/92	1.00	200
MFQ339	2/05/92	1.00	200
MFQ340	2/05/92	1.00	200
PBS	2/05/92	1.00	200

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PREPARATION LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No: SDG No.: MFQ311

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	2/08/92	.20	100
MFQ311	2/08/92	.20	100
MFQ312	2/08/92	.20	100
MFQ313	2/08/92	.20	100
MFQ314	2/08/92	.20	100
MFQ324	2/08/92	.20	100
MFQ326	2/08/92	.20	100
MFQ327	2/08/92	.20	100
MFQ328	2/08/92	.20	100
MFQ329	2/08/92	.20	100
MFQ330	2/08/92	.20	100
MFQ331	2/08/92	.20	100
MFQ332	2/08/92	.20	100
MFQ333	2/08/92	.20	100
MFQ334	2/08/92	.20	100
MFQ334D	2/08/92	.20	100
MFQ334S	2/08/92	.20	100
MFQ335	2/08/92	.20	100
MFQ336	2/08/92	.20	100
MFQ337	2/08/92	.20	100
MFQ338	2/08/92	.20	100
MFQ339	2/08/92	.20	100
MFQ340	2/08/92	.20	100
PBS	2/08/92	.20	100

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PREPARATION LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No: SDG No.: MFQ311

Method: C

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	1/29/92	1.00	50
MFQ311	1/29/92	1.00	50
MFQ312	1/29/92	1.00	50
MFQ313	1/29/92	1.00	50
MFQ314	1/29/92	1.00	50
MFQ324	1/29/92	1.00	50
MFQ326	1/29/92	1.00	50
MFQ327	1/29/92	1.00	50
MFQ328	1/29/92	1.00	50
MFQ329	1/29/92	1.00	50
PBS	1/29/92	1.00	50

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PREPARATION LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No: SDG No.: MFQ311

Method: C

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	1/30/92	1.00	50
MFQ330	1/30/92	1.00	50
MFQ331	1/30/92	1.00	50
MFQ332	1/30/92	1.00	50
MFQ333	1/30/92	1.00	50
MFQ334	1/30/92	1.00	50
MFQ334D	1/30/92	1.00	50
MFQ334S	1/30/92	1.00	50
MFQ335	1/30/92	1.00	50
MFQ336	1/30/92	1.00	50
PBS	1/30/92	1.00	50

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PREPARATION LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No: SDG No.: MFQ311

Method: C

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	2/04/92	1.00	50
MFQ337	2/04/92	1.00	50
MFQ338	2/04/92	1.00	50
MFQ339	2/04/92	1.00	50
MFQ340	2/04/92	1.00	50
PBS	2/04/92	1.00	50

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: TJA ICAP-61 Method: P

Start Date: 2/14/92 End Date: 2/14/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	938		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
S2	1.00	941		X			X	X				X	X	X											X		
S4	1.00	943			X				X																		
S1	1.00	946								X						X				X			X				
S3	1.00	948									X						X		X							X	
S5	1.00	951																				X					
S6	1.00	953																									
ICV	1.00	956		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
ICB	1.00	959		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
CRI	1.00	1002		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
ICSA	1.00	1005		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
ICSAB	1.00	1008		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
ZZZZZZ	1.00	1011																									
PBS	1.00	1014		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
LCSS	1.00	1017		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ311	1.00	1023		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ312	1.00	1026		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ313	1.00	1029		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ314	1.00	1032		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
CCV	1.00	1035		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
CCB	1.00	1038		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ324	1.00	1041		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ326	1.00	1044		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ327	1.00	1048		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ328	1.00	1051		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ329	1.00	1054		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ330	1.00	1057		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ331	1.00	1100		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ332	1.00	1103		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
MFQ333	1.00	1106		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
CCV	1.00	1109		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
CCB	1.00	1112		X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: TJA ICAP-61 Method: P

Start Date: 2/14/92 End Date: 2/14/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MFQ334	1.00	1116		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ334D	1.00	1119		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ334L	5.00	1122		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ334S	1.00	1125		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ335	1.00	1128		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ336	1.00	1131		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ337	1.00	1135		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ338	1.00	1138		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ339	1.00	1141		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
MFQ340	1.00	1144		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CCV	1.00	1149		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
CCB	1.00	1153		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
ZZZZZZ	1.00	1156		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1159		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1204		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1207		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	5.00	1210		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1213		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1217		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1220		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1223		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CCV	1.00	1226		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
CCB	1.00	1229		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
ZZZZZZ	1.00	1232		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
MFQ339	5.00	1238		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ340	5.00	1241		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
MFQ334A	1.00	1253		_	X	_	_	_	X	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1256		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CRI	1.00	1302		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
ICSA	1.00	1305		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
ICSAB	1.00	1308		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
ZZZZZZ	1.00	1311		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: TJA ICAP-61 Method: P

Start Date: 2/14/92 End Date: 2/14/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.00	1314		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_
CCB	1.00	1317		X	X	_	X	X	X	X	X	X	X	X	_	X	X	_	X	X	_	X	X	_	X	X	_

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/20/92 End Date: 2/20/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	828				X																					
S10	1.00	834				X																					
S20	1.00	840				X																					
S40	1.00	847				X																					
S80	1.00	853				X																					
ICV	1.00	900				X																					
ICB	1.00	906				X																					
CRA	1.00	912				X																					
ZZZZZZ	1.00	918																									
ZZZZZZ	1.00	925																									
ZZZZZZ	1.00	931																									
ZZZZZZ	1.00	938																									
ZZZZZZ	1.00	944																									
ZZZZZZ	1.00	951																									
ZZZZZZ	1.00	957																									
ZZZZZZ	1.00	1003																									
CCV	1.00	1010				X																					
CCB	1.00	1016				X																					
PBS	1.00	1022				X																					
PBSA	1.00	1029	107.0			X																					
LCSS	200.00	1035				X																					
LCSSA	200.00	1042	103.5			X																					
ZZZZZZ	1.00	1048																									
ZZZZZZ	1.00	1055																									
MFQ312	1.00	1102				X																					
MFQ312A	1.00	1108	104.5			X																					
MFQ313	1.00	1115				X																					
MFQ313A	1.00	1121	105.0			X																					
CCV	1.00	1127				X																					
CCB	1.00	1134				X																					
ZZZZZZ	1.00	1140																									
ZZZZZZ	1.00	1146																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/20/92 End Date: 2/20/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1153																									
ZZZZZZ	1.00	1159																									
MFQ326	1.00	1206				X																					
MFQ326A	1.00	1212	98.5			X																					
ZZZZZZ	1.00	1219																									
ZZZZZZ	1.00	1225																									
ZZZZZZ	1.00	1232																									
ZZZZZZ	1.00	1238																									
CCV	1.00	1244				X																					
CCB	1.00	1250				X																					
ZZZZZZ	1.00	1257																									
ZZZZZZ	1.00	1303																									
ZZZZZZ	1.00	1309																									
ZZZZZZ	1.00	1316																									
MFQ331	1.00	1322				X																					
MFQ331A	1.00	1329	103.0			X																					
MFQ332	1.00	1335				X																					
MFQ332A	1.00	1341	104.5			X																					
ZZZZZZ	1.00	1348																									
ZZZZZZ	1.00	1354																									
CCV	1.00	1400				X																					
CCB	1.00	1407				X																					
ZZZZZZ	1.00	1413																									
ZZZZZZ	1.00	1419																									
ZZZZZZ	1.00	1427																									
ZZZZZZ	1.00	1433																									
ZZZZZZ	1.00	1439																									
ZZZZZZ	1.00	1446																									
ZZZZZZ	1.00	1452																									
ZZZZZZ	1.00	1459																									
ZZZZZZ	1.00	1505																									
CCV	1.00	1512				X																					

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/20/92 End Date: 2/20/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.00	1518				X																					
MFQ337	1.00	1524				X																					
MFQ337A	1.00	1531	103.5			X																					
MFQ338	1.00	1537				X																					
MFQ338A	1.00	1544	99.5			X																					
MFQ339	1.00	1551				X																					
MFQ339A	1.00	1557	104.0			X																					
MFQ340	1.00	1603				X																					
MFQ340A	1.00	1610	98.0			X																					
ZZZZZZ	1.00	1616																									
ZZZZZZ	1.00	1623																									
CCV	1.00	1629				X																					
CCB	1.00	1635				X																					

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/18/92 End Date: 2/19/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1216													X												
S3	1.00	1222													X												
S15	1.00	1228													X												
S30	1.00	1235													X												
S60	1.00	1241													X												
S120	1.00	1247													X												
ICV	1.00	1255													X												
ICB	1.00	1301													X												
CRA	1.00	1307													X												
ZZZZZZ	1.00	1313																									
ZZZZZZ	1.00	1320																									
ZZZZZZ	1.00	1326																									
ZZZZZZ	1.00	1332																									
ZZZZZZ	1.00	1339																									
ZZZZZZ	1.00	1345																									
ZZZZZZ	1.00	1352																									
ZZZZZZ	1.00	1358																									
CCV	1.00	1404													X												
CCB	1.00	1410													X												
ZZZZZZ	1.00	1417																									
ZZZZZZ	1.00	1423																									
ZZZZZZ	1.00	1430																									
ZZZZZZ	1.00	1436																									
ZZZZZZ	1.00	1443																									
ZZZZZZ	1.00	1449																									
ZZZZZZ	1.00	1456																									
ZZZZZZ	1.00	1502																									
ZZZZZZ	1.00	1508																									
ZZZZZZ	1.00	1515																									
ZZZZZZ	1.00	1521																									
ZZZZZZ	1.00	1527																									
ZZZZZZ	1.00	1534																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/18/92 End Date: 2/19/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1540																									
ZZZZZZ	1.00	1547																									
ZZZZZZ	1.00	1553																									
ZZZZZZ	1.00	1559																									
ZZZZZZ	1.00	1606																									
ZZZZZZ	1.00	1612																									
ZZZZZZ	1.00	1619																									
ZZZZZZ	1.00	1625																									
ZZZZZZ	1.00	1631																									
ZZZZZZ	1.00	1637																									
ZZZZZZ	1.00	1644																									
ZZZZZZ	1.00	1650																									
ZZZZZZ	1.00	1656																									
ZZZZZZ	1.00	1703																									
ZZZZZZ	1.00	1709																									
ZZZZZZ	1.00	1715																									
ZZZZZZ	1.00	1722																									
ZZZZZZ	1.00	1728																									
ZZZZZZ	1.00	1734																									
ZZZZZZ	1.00	1740																									
ZZZZZZ	1.00	1747																									
ZZZZZZ	1.00	1753																									
ZZZZZZ	1.00	1759																									
CCV	1.00	1806													X												
CCB	1.00	1812													X												
PBS	1.00	1842													X												
PBSA	1.00	1849	108.5												X												
LCSS	50.00	1855													X												
LCSSA	50.00	1901	84.5												X												
CCV	1.00	1908													X												
CCB	1.00	1914													X												
MFQ311	1.00	1924													X												

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/18/92 End Date: 2/19/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MFQ311A	1.00	1930	100.5												X												
MFQ312	1.00	1936													X												
MFQ312A	1.00	1943	98.0												X												
MFQ313	1.00	1949													X												
MFQ313A	1.00	1956	110.0												X												
MFQ314	1.00	2002													X												
MFQ314A	1.00	2009	98.5												X												
MFQ324	100.00	2015													X												
MFQ324A	100.00	2021	100.5												X												
CCV	1.00	2028													X												
CCB	1.00	2034													X												
MFQ326	1.00	2040																									
MFQ326A	1.00	2047	89.5																								
MFQ327	1.00	2053													X												
MFQ327A	1.00	2100	109.0												X												
MFQ328	10.00	2106													X												
MFQ328A	10.00	2113	105.0												X												
MFQ329	10.00	2119													X												
MFQ329A	10.00	2126	112.5												X												
MFQ330	1.00	2132													X												
MFQ330A	1.00	2138	98.5												X												
CCV	1.00	2145													X												
CCB	1.00	2151													X												
MFQ331	10.00	2157													X												
MFQ331A	10.00	2204	103.0												X												
MFQ332	1.00	2210													X												
MFQ332A	1.00	2216	104.0												X												
MFQ333	1.00	2223													X												
MFQ333A	1.00	2229	99.0												X												
MFQ334	10.00	2235													X												
MFQ334A	10.00	2242	100.0												X												
MFQ334D	10.00	2248													X												

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/18/92 End Date: 2/19/92

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MFQ334DA	10.00	2255	100.5												X												
CCV	1.00	2301													X												
CCB	1.00	2307													X												
MFQ334S	10.00	2313													X												
MFQ335	10.00	2319													X												
MFQ335A	10.00	2326	105.0												X												
MFQ336	10.00	2332													X												
MFQ336A	10.00	2338	99.0												X												
MFQ337	1.00	2345													X												
MFQ337A	1.00	2351	101.0												X												
MFQ338	2.00	2357													X												
MFQ338A	2.00	4	105.5												X												
CCV	1.00	10													X												
CCB	1.00	16													X												

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/21/92 End Date: 2/21/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	843																			X						
S5	1.00	849																			X						
S25	1.00	855																			X						
S50	1.00	901																			X						
S100	1.00	907																			X						
ICV	1.00	914																			X						
ICB	1.00	920																			X						
CRA	1.00	926																			X						
PBS	1.00	932																			X						
PBSA	1.00	938	106.0																		X						
LCSS	10.00	944																			X						
LCSSA	10.00	950	87.0																		X						
MFQ311	1.00	956																			X						
MFQ311A	1.00	1002	68.0																		X						
MFQ312	1.00	1008																			X						
MFQ312A	1.00	1015	110.0																		X						
CCV	1.00	1020																			X						
CCB	1.00	1026																			X						
MFQ313	1.00	1032																			X						
MFQ313A	1.00	1039	101.0																		X						
MFQ314	1.00	1045																			X						
MFQ314A	1.00	1051	97.0																		X						
MFQ324	1.00	1100																			X						
MFQ324A	1.00	1107	91.0																		X						
MFQ326	1.00	1113																			X						
MFQ326A	1.00	1119	89.0																		X						
MFQ327	1.00	1125																			X						
MFQ327A	1.00	1131	74.0																		X						
CCV	1.00	1137																			X						
CCB	1.00	1143																			X						
MFQ328	1.00	1149																			X						
MFQ328A	1.00	1156	100.0																		X						

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/21/92 End Date: 2/21/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MFQ329	1.00	1202																			X						
MFQ329A	1.00	1208	101.0																		X						
MFQ330	1.00	1214																			X						
MFQ330A	1.00	1220	105.0																		X						
MFQ331	1.00	1226																			X						
MFQ331A	1.00	1232	94.0																		X						
MFQ332	1.00	1238																			X						
MFQ332A	1.00	1245	102.0																		X						
CCV	1.00	1251																			X						
CCB	1.00	1257																			X						

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/20/92 End Date: 2/21/92

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1833				X																					
S10	1.00	1839				X																					
S20	1.00	1845				X																					
S40	1.00	1852				X																					
S80	1.00	1858				X																					
ICV	1.00	1906				X																					
ICB	1.00	1913				X																					
CRA	1.00	1919				X																					
MFQ311	1.00	1925				X																					
MFQ311A	1.00	1932	107.5			X																					
MFQ314	1.00	1938				X																					
MFQ314A	1.00	1944	98.0			X																					
MFQ324	1.00	1951				X																					
MFQ324A	1.00	1957	94.0			X																					
MFQ327	1.00	2004				X																					
MFQ327A	1.00	2010	97.0			X																					
CCV	1.00	2017				X																					
CCB	1.00	2023				X																					
MFQ328	1.00	2029				X																					
MFQ328A	1.00	2036	99.0			X																					
MFQ329	1.00	2042				X																					
MFQ329A	1.00	2049	95.0			X																					
MFQ330	1.00	2055				X																					
MFQ330A	1.00	2102	97.5			X																					
MFQ333	1.00	2108				X																					
MFQ333A	1.00	2115	103.0			X																					
MFQ334	1.00	2121				X																					
MFQ334A	1.00	2128	104.0			X																					
CCV	1.00	2134				X																					
CCB	1.00	2140				X																					
MFQ334D	1.00	2147				X																					
MFQ334DA	1.00	2153	111.5			X																					

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/20/92 End Date: 2/21/92

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MFQ334S	1.00	2200				X																					
MFQ335	1.00	2206				X																					
MFQ335A	1.00	2212	106.5			X																					
MFQ336	1.00	2219				X																					
MFQ336A	1.00	2225	102.5			X																					
ZZZZZZ	1.00	2232																									
ZZZZZZ	1.00	2238																									
CCV	1.00	2244				X																					
CCB	1.00	2251				X																					
ZZZZZZ	1.00	2257																									
ZZZZZZ	1.00	2303																									
ZZZZZZ	1.00	2309																									
ZZZZZZ	1.00	2316																									
ZZZZZZ	1.00	2322																									
ZZZZZZ	1.00	2329																									
ZZZZZZ	1.00	2335																									
ZZZZZZ	1.00	2341																									
ZZZZZZ	1.00	2348																									
ZZZZZZ	1.00	2354																									
ZZZZZZ	1.00	2359																									
ZZZZZZ	1.00	6																									
ZZZZZZ	1.00	13																									
ZZZZZZ	1.00	19																									
ZZZZZZ	1.00	26																									
ZZZZZZ	1.00	32																									
ZZZZZZ	1.00	38																									
ZZZZZZ	1.00	45																									
ZZZZZZ	1.00	51																									
ZZZZZZ	1.00	58																									
ZZZZZZ	1.00	104																									
ZZZZZZ	1.00	111																									
ZZZZZZ	1.00	117																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/20/92 End Date: 2/21/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	123																									
ZZZZZZ	1.00	130																									
ZZZZZZ	1.00	136																									
ZZZZZZ	1.00	143																									
ZZZZZZ	1.00	149																									
ZZZZZZ	1.00	156																									
ZZZZZZ	1.00	202																									
ZZZZZZ	1.00	209																									
ZZZZZZ	1.00	215																									
ZZZZZZ	1.00	222																									
ZZZZZZ	1.00	228																									
ZZZZZZ	1.00	234																									
ZZZZZZ	1.00	240																									
ZZZZZZ	1.00	247																									
ZZZZZZ	1.00	253																									
ZZZZZZ	1.00	259																									
ZZZZZZ	1.00	306																									
ZZZZZZ	1.00	312																									
ZZZZZZ	1.00	318																									
ZZZZZZ	1.00	325																									
ZZZZZZ	1.00	331																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/19/92 End Date: 2/19/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	723													X												
S3	1.00	729													X												
S15	1.00	736													X												
S30	1.00	742													X												
S60	1.00	749													X												
S120	1.00	755													X												
ICV	1.00	807													X												
ICB	1.00	813													X												
CRA	1.00	819													X												
MFQ326	2.00	826													X												
MFQ326A	2.00	832	95.0												X												
MFQ339	10.00	838													X												
MFQ339A	10.00	845	106.0												X												
MFQ340	10.00	851													X												
MFQ340A	10.00	858	96.0												X												
ZZZZZZ	1.00	904																									
ZZZZZZ	1.00	910																									
CCV	1.00	917													X												
CCB	1.00	923													X												
ZZZZZZ	1.00	929																									
ZZZZZZ	1.00	936																									
ZZZZZZ	1.00	942																									
ZZZZZZ	1.00	949																									
ZZZZZZ	1.00	955																									
ZZZZZZ	1.00	1002																									
ZZZZZZ	1.00	1008																									
ZZZZZZ	1.00	1014																									
ZZZZZZ	1.00	1021																									
ZZZZZZ	1.00	1027																									
ZZZZZZ	1.00	1033																									
ZZZZZZ	1.00	1040																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/24/92 End Date: 2/24/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1338																			X						
S5	1.00	1344																			X						
S25	1.00	1350																			X						
S50	1.00	1356																			X						
S100	1.00	1403																			X						
ICV	1.00	1410																			X						
ICB	1.00	1416																			X						
CRA	1.00	1422																			X						
MFQ333	1.00	1427																			X						
MFQ333A	1.00	1434	120.0																		X						
MFQ334	1.00	1440																			X						
MFQ334A	1.00	1446	112.0																		X						
MFQ334D	1.00	1452																			X						
MFQ334DA	1.00	1458	114.0																		X						
MFQ334S	1.00	1504																			X						
CCV	1.00	1510																			X						
CCB	1.00	1516																			X						
MFQ335	1.00	1522																			X						
MFQ335A	1.00	1528	115.0																		X						
MFQ336	1.00	1534																			X						
MFQ336A	1.00	1541	115.0																		X						
MFQ337	1.00	1547																			X						
MFQ337A	1.00	1553	118.0																		X						
MFQ338	1.00	1559																			X						
MFQ338A	1.00	1606	122.0																		X						
MFQ339	1.00	1612																			X						
MFQ339A	1.00	1618	115.0																		X						
CCV	1.00	1624																			X						
CCB	1.00	1630																			X						
MFQ340	1.00	1636																			X						
MFQ340A	1.00	1642	101.0																		X						
ZZZZZZ	1.00	1648																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE Z5100 Method: F

Start Date: 2/24/92 End Date: 2/24/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1655																									
ZZZZZZ	1.00	1701																									
ZZZZZZ	1.00	1707																									
ZZZZZZ	1.00	1713																									
ZZZZZZ	1.00	1719																									
ZZZZZZ	1.00	1725																									
ZZZZZZ	1.00	1731																									
CCV	1.00	1737																			X						
CCB	1.00	1743																			X						

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE 5000 Method: F

Start Date: 2/05/92 End Date: 2/05/92

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1220																						X			
S10	1.00	1226																						X			
S25	1.00	1232																						X			
S50	1.00	1238																						X			
S100	1.00	1244																						X			
ICV	1.00	1251																						X			
ICB	1.00	1257																						X			
CRA	1.00	1303																						X			
ZZZZZZ	1.00	1309																									
ZZZZZZ	1.00	1315																									
ZZZZZZ	1.00	1321																									
ZZZZZZ	1.00	1327																									
ZZZZZZ	1.00	1333																									
ZZZZZZ	1.00	1339																									
ZZZZZZ	1.00	1345																									
ZZZZZZ	1.00	1352																									
CCV	1.00	1358																						X			
CCB	1.00	1404																						X			
ZZZZZZ	1.00	1410																									
ZZZZZZ	1.00	1416																									
ZZZZZZ	1.00	1425																									
ZZZZZZ	1.00	1431																									
PBS	1.00	1437																						X			
PBSA	1.00	1443	97.0																					X			
LCSS	10.00	1449																						X			
LCSSA	10.00	1455	113.5																					X			
MFQ311	1.00	1502																						X			
MFQ311A	1.00	1508	110.7																					X			
CCV	1.00	1514																						X			
CCB	1.00	1520																						X			
MFQ312	1.00	1526																						X			
MFQ312A	1.00	1532	103.3																					X			

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE 5000 Method: F

Start Date: 2/05/92 End Date: 2/05/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MFQ313	1.00	1538																						X			
MFQ313A	1.00	1544	107.0																					X			
MFQ314	1.00	1550																						X			
MFQ314A	1.00	1557	112.5																					X			
MFQ324	1.00	1603																						X			
MFQ324A	1.00	1609	99.7																					X			
MFQ326	1.00	1615																						X			
MFQ326A	1.00	1621	111.6																					X			
CCV	1.00	1627																						X			
CCB	1.00	1633																						X			

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE 5000 Method: F

Start Date: 2/06/92 End Date: 2/06/92

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	908																						X			
S10	1.00	914																						X			
S25	1.00	920																						X			
S50	1.00	926																						X			
S100	1.00	932																						X			
ICV	1.00	938																						X			
ICB	1.00	945																						X			
CRA	1.00	951																						X			
MFQ327	1.00	957																						X			
MFQ327A	1.00	1003	96.7																					X			
MFQ328	1.00	1009																						X			
MFQ328A	1.00	1015	114.8																					X			
MFQ329	1.00	1021																						X			
MFQ329A	1.00	1027	106.6																					X			
MFQ330	1.00	1033																						X			
MFQ330A	1.00	1039	105.6																					X			
CCV	1.00	1046																						X			
CCB	1.00	1052																						X			
MFQ331	1.00	1058																						X			
MFQ331A	1.00	1104	94.3																					X			
MFQ332	1.00	1110																						X			
MFQ332A	1.00	1116	92.8																					X			
MFQ333	1.00	1122																						X			
MFQ333A	1.00	1128	92.7																					X			
MFQ334	1.00	1134																						X			
MFQ334A	1.00	1141	111.4																					X			
MFQ334D	1.00	1147																						X			
MFQ334DA	1.00	1153	117.0																					X			
CCV	1.00	1159																						X			
CCB	1.00	1205																						X			
MFQ334S	1.00	1211																						X			
MFQ335	1.00	1217																						X			

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE 5000 Method: F

Start Date: 2/06/92 End Date: 2/06/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MFQ335A	1.00	1223	106.5																					X			
MFQ336	1.00	1229																						X			
MFQ336A	1.00	1235	107.9																					X			
MFQ337	1.00	1242																						X			
MFQ337A	1.00	1248	110.0																					X			
MFQ338	1.00	1254																						X			
MFQ338A	1.00	1300	102.3																					X			
CCV	1.00	1306																						X			
CCB	1.00	1312																						X			
MFQ339	1.00	1318																						X			
MFQ339A	1.00	1324	106.2																					X			
MFQ340	1.00	1330																						X			
MFQ340A	1.00	1337	114.5																					X			
ZZZZZZ	1.00	1343																									
ZZZZZZ	1.00	1349																									
ZZZZZZ	1.00	1355																									
ZZZZZZ	1.00	1401																									
ZZZZZZ	1.00	1407																									
ZZZZZZ	1.00	1413																									
CCV	1.00	1419																						X			
CCB	1.00	1425																						X			
ZZZZZZ	1.00	1432																									
ZZZZZZ	1.00	1438																									
ZZZZZZ	1.00	1444																									
ZZZZZZ	1.00	1450																									
ZZZZZZ	1.00	1456																									
ZZZZZZ	1.00	1502																									
ZZZZZZ	1.00	1508																									
ZZZZZZ	1.00	1514																									
ZZZZZZ	1.00	1520																									
ZZZZZZ	1.00	1533																									
ZZZZZZ	1.00	1539																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE 5000 Method: F

Start Date: 2/06/92 End Date: 2/06/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1545																									
ZZZZZZ	1.00	1551																									
ZZZZZZ	1.00	1557																									
ZZZZZZ	1.00	1603																									
ZZZZZZ	1.00	1609																									
ZZZZZZ	1.00	1615																									
ZZZZZZ	1.00	1622																									
ZZZZZZ	1.00	1628																									
ZZZZZZ	1.00	1634																									
ZZZZZZ	1.00	1640																									
ZZZZZZ	1.00	1646																									
ZZZZZZ	1.00	1652																									
ZZZZZZ	1.00	1658																									
ZZZZZZ	1.00	1704																									
ZZZZZZ	1.00	1710																									
ZZZZZZ	1.00	1717																									
ZZZZZZ	1.00	1723																									
ZZZZZZ	1.00	1729																									
ZZZZZZ	1.00	1735																									
ZZZZZZ	1.00	1741																									
ZZZZZZ	1.00	1747																									
ZZZZZZ	1.00	1753																									
ZZZZZZ	1.00	1759																									
ZZZZZZ	1.00	1805																									
ZZZZZZ	1.00	1811																									
ZZZZZZ	1.00	1818																									
ZZZZZZ	1.00	1824																									
ZZZZZZ	1.00	1830																									
ZZZZZZ	1.00	1836																									
ZZZZZZ	1.00	1842																									
ZZZZZZ	1.00	1848																									
ZZZZZZ	1.00	1854																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: PE 5000 Method: F

Start Date: 2/06/92 End Date: 2/06/92

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1900																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: FISHER HG-3 Method: CV

Start Date: 2/08/92 End Date: 2/08/92

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1440																X									
S0.5	1.00	1442																X									
S1	1.00	1445																X									
S2.5	1.00	1447																X									
S5	1.00	1450																X									
S10	1.00	1452																X									
ICV	1.00	1455																X									
ICB	1.00	1458																X									
CRA	1.00	1459																X									
ZZZZZZ	1.00	1500																									
ZZZZZZ	10.00	1502																									
ZZZZZZ	1.00	1503																									
ZZZZZZ	1.00	1504																									
ZZZZZZ	1.00	1506																									
ZZZZZZ	1.00	1507																									
ZZZZZZ	1.00	1508																									
ZZZZZZ	1.00	1510																									
ZZZZZZ	1.00	1511																									
CCV	1.00	1513																X									
CCB	1.00	1516																X									
ZZZZZZ	1.00	1517																									
ZZZZZZ	1.00	1518																									
ZZZZZZ	1.00	1519																									
ZZZZZZ	1.00	1520																									
ZZZZZZ	1.00	1521																									
ZZZZZZ	1.00	1523																									
ZZZZZZ	1.00	1524																									
ZZZZZZ	1.00	1525																									
ZZZZZZ	1.00	1526																									
ZZZZZZ	1.00	1527																									
CCV	1.00	1529																X									
CCB	1.00	1532																X									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: FISHER HG-3 Method: CV

Start Date: 2/08/92 End Date: 2/08/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1533																									
ZZZZZZ	1.00	1534																									
ZZZZZZ	1.00	1535																									
ZZZZZZ	1.00	1536																									
ZZZZZZ	1.00	1537																									
PBS	1.00	1538																X									
LCSS	10.00	1539																X									
MFQ311	1.00	1540																X									
MFQ312	1.00	1541																X									
MFQ313	1.00	1542																X									
CCV	1.00	1544																X									
CCB	1.00	1547																X									
MFQ314	1.00	1548																X									
MFQ324	1.00	1549																X									
MFQ326	1.00	1550																X									
MFQ327	1.00	1551																X									
MFQ328	1.00	1552																X									
MFQ329	1.00	1553																X									
MFQ330	1.00	1554																X									
MFQ331	1.00	1555																X									
MFQ332	1.00	1556																X									
MFQ333	1.00	1557																X									
CCV	1.00	1558																X									
CCB	1.00	1601																X									
MFQ334	1.00	1602																X									
MFQ334D	1.00	1603																X									
MFQ334S	1.00	1604																X									
MFQ335	1.00	1605																X									
MFQ336	1.00	1606																X									
MFQ337	1.00	1607																X									
MFQ338	1.00	1608																X									
MFQ339	1.00	1609																X									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: FISHER HG-3 Method: CV

Start Date: 2/08/92 End Date: 2/08/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MFQ340	1.00	1610																X									
CCV	1.00	1611																X									
CCB	1.00	1614																X									
ZZZZZZ	1.00	1615																									
ZZZZZZ	10.00	1617																									
ZZZZZZ	1.00	1619																									
ZZZZZZ	1.00	1620																									
ZZZZZZ	1.00	1622																									
ZZZZZZ	1.00	1624																									
ZZZZZZ	10.00	1626																									
ZZZZZZ	1.00	1627																									
ZZZZZZ	1.00	1629																									
ZZZZZZ	1.00	1631																									
ZZZZZZ	1.00	1633																									
ZZZZZZ	1.00	1636																									

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: SPEC 88 Method: C

Start Date: 1/29/92 End Date: 1/29/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1124																									X
S10	1.00	1124																									X
S25	1.00	1124																									X
S100	1.00	1124																									X
S250	1.00	1125																									X
S500	1.00	1125																									X
ICV	1.00	1125																									X
ICB	1.00	1125																									X
MFQ311	1.00	1126																									X
MFQ312	1.00	1126																									X
MFQ313	1.00	1126																									X
MFQ314	1.00	1126																									X
MFQ324	1.00	1127																									X
MFQ326	1.00	1127																									X
CCV	1.00	1127																									X
CCB	1.00	1127																									X
MFQ327	1.00	1128																									X
MFQ328	1.00	1128																									X
MFQ329	1.00	1128																									X
LCSS	1.00	1128																									X
PBS	1.00	1129																									X
CCV	1.00	1129																									X
CCB	1.00	1129																									X

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ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: SPEC 88 Method: C

Start Date: 1/30/92 End Date: 1/30/92

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1201																									X
S10	1.00	1201																									X
S25	1.00	1201																									X
S100	1.00	1201																									X
S250	1.00	1202																									X
S500	1.00	1202																									X
ICV	1.00	1202																									X
ICB	1.00	1202																									X
MFQ330	1.00	1203																									X
MFQ331	1.00	1203																									X
MFQ332	1.00	1203																									X
MFQ333	1.00	1203																									X
MFQ334	1.00	1204																									X
MFQ334D	1.00	1204																									X
CCV	1.00	1204																									X
CCB	1.00	1204																									X
MFQ334S	1.00	1205																									
MFQ335	1.00	1205																									X
MFQ336	1.00	1205																									X
LCSS	1.00	1205																									X
PBS	1.00	1206																									X
CCV	1.00	1206																									X
CCB	1.00	1206																									X
MFQ334S	5.00	1206																									X
CCV	1.00	1207																									X
CCB	1.00	1207																									X

ANALYSIS RUN LOG

Lab Name: N.F.T. INC. Contract: 68-D0-0145

Lab Code: NFT Case No.: 17700 SAS No.: SDG No.: MFQ311

Instrument ID Number: SPEC 88 Method: C

Start Date: 2/04/92 End Date: 2/04/92

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1129																									X
S10	1.00	1129																									X
S25	1.00	1129																									X
S100	1.00	1129																									X
S250	1.00	1130																									X
S500	1.00	1130																									X
ICV	1.00	1130																									X
ICB	1.00	1130																									X
LCSS	1.00	1131																									X
MFQ337	1.00	1131																									X
MFQ338	1.00	1131																									X
MFQ339	1.00	1131																									X
MFQ340	1.00	1132																									X
PBS	1.00	1132																									X
CCV	1.00	1132																									X
CCB	1.00	1132																									X

STD from Spex Soln

S1- S6 dated 1-27-92
S0 dated 1-27-92

QC's from Spex Soln
CRI/ICD/CCB dated 1-27-92

QC's from EPA
ICV/CCV dated 1-27-92
ICSA/ICSAB dated 1-27-92

Fri 02-14-92 09:37:41 AM page 1

Day 1 Day

Method: CLP_Y Standard: BLANK S0

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Avge	.0040	-.0002	-.0008	.0001	-.0001	.0001	.0321
SDev	.0006	.0002	.0001	.0000	.0000	.0000	.0005
%RSD	14.81	-141.4	-8.125	1.309	-45.97	1.309	1.420
#1	.0044	.0000	-.0007	.0001	-.0001	.0001	.0324
#2	.0036	-.0003	-.0008	.0001	-.0001	.0001	.0318

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Avge	.0004	.0001	.0014	.0024	.0003	.0021	.0000
SDev	.0002	.0000	.0001	.0002	.0002	.0004	.0000
%RSD	54.15	1.309	9.018	8.748	55.50	16.63	141.4
#1	.0006	.0001	.0015	.0026	.0005	.0023	.0000
#2	.0003	.0001	.0013	.0023	.0002	.0019	.0001

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Avge	-.0002	.0039	.0001	.0001	.0028	.0064	.0000
SDev	.0002	.0011	.0001	.0000	.0000	.0003	.000
%RSD	-141.4	28.06	279.0	29.54	.0345	4.103	-141.4
#1	.0000	.0046	.0002	.0002	.0028	.0066	-.0001
#2	-.0004	.0031	-.0001	.0001	.0028	.0062	.0000

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Avge	.0001	.0002	.0000	.0001	.0000	.0010	-.0062
SDev	.0000	.0001	.000	.0000	.0001	.0001	.0006
%RSD	1.309	36.58	-414.1	1.309	15280.	5.765	-9.666
#1	.0001	.0003	-.0001	.0001	.0001	.0010	-.0058
#2	.0001	.0002	.0001	.0001	-.0001	.0011	-.0066

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Avge	.0000	.0005	-.0003	.0001	3.930	-.0003
SDev	.0000	.0000	.0021	.0001	.051	.0003
%RSD	.0000	8.747	-714.2	141.4	1.310	-110.1
#1	.0000	.0005	.0012	.0001	3.894	-.0001
#2	.0000	.0005	-.0018	.0000	3.967	-.0005

Method: CLP_Y Standard: STD 2 S2

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Avge	2.253	.0000	.0217	4.045	.0505	.0004	.0289
SDev	.010	.000	.0007	.005	.0001	.0000	.0002
%RSD	.4385	-66090.	3.150	.125	.2424	8.017	.5314
#1	2.246	.0000	.0213	4.049	.0506	.0004	.0290
#2	2.260	.0000	.0222	4.042	.0504	.0004	.0288

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Avge	.0001	.3886	.2656	1.170	-.0002	-.0021	-.0002
SDev	.0000	.0007	.0009	.000	.0000	.0004	.0000
%RSD	27.99	.1699	.3544	.0059	-20.50	-20.84	-.3026

#1	.0001	.3881	.2649	1.170	-.0001	-.0024	-.0002
#2	.0001	.3891	.2663	1.170	-.0002	-.0018	-.0002

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Avge	.0001	.0031	-.0014	.0000	.0026	.0104	.2786
SDev	.0001	.0005	.0002	.0000	.0000	.0004	.0007
%RSD	84.66	17.66	-12.71	.0000	1.044	3.946	.2405
#1	.0002	.0034	-.0013	.0000	.0026	.0101	.2791
#2	.0000	.0027	-.0015	.0000	.0025	.0107	.2781

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Avge	.0017	.0007	.0000	.0000	.0011	.0004	-.0163
SDev	.0000	.0002	.0002	.000	.0003	.0000	.0003
%RSD	1.689	27.99	699.9	-283.8	30.46	.3026	-1.991
#1	.0017	.0009	-.0001	-.0001	.0014	.0004	-.0161
#2	.0017	.0006	.0001	.0000	.0009	.0004	-.0165

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Avge	.0000	.0005	-.0007	.0000	4.085	-.0123
SDev	.0000	.0000	.0007	.0001	.013	.0003
%RSD	.0000	.3026	-94.45	141.4	.3081	-2.283
#1	.0000	.0005	-.0002	.0001	4.094	-.0125
#2	.0000	.0005	-.0012	.0000	4.077	-.0121

Method: CLP_Y Standard: STD 4 S4

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Avge	.0060	.2351	.6649	.0039	-.0001	.2377	.0290
SDev	.0006	.0003	.0024	.0009	.0000	.0012	.0000
%RSD	9.538	.1408	.3666	22.15	-47.04	.5191	.1355
#1	.0065	.2353	.6631	.0045	-.0001	.2368	.0290
#2	.0056	.2349	.6666	.0033	-.0001	.2386	.0290

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Avge	.0005	.0005	.0015	.0022	.1597	.0002	.0000
SDev	.0001	.0002	.0002	.0002	.0002	.0002	.000
%RSD	15.82	42.53	12.09	9.977	.1105	78.64	-141.4
#1	.0005	.0007	.0016	.0023	.1598	.0004	.0000
#2	.0004	.0004	.0014	.0020	.1596	.0001	-.0001

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Avge	-.0003	.0042	.1655	.0001	.0019	.3742	.0003
SDev	.0006	.0008	.0003	.0000	.0000	.0017	.0001
%RSD	-226.4	19.82	.1910	.1105	1.775	.4628	28.39
#1	.0002	.0047	.1653	.0001	.0019	.3754	.0003
#2	-.0007	.0036	.1657	.0001	.0019	.3730	.0002

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Avge	.0000	.0001	.0002	.0000	.0001	.0008	-.0057
SDev	.0000	.0001	.0001	.000	.0001	.0000	.0008

%RSD	.0000	141.4	60.70	-141.4	141.4	4.672	-13.54
#1	.0000	.0001	.0003	.0000	.0001	.0008	-.0052
#2	.0000	.0000	.0001	-.0001	.0000	.0008	-.0063

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Avge	.0000	.0005	.0012	.0000	3.943	.6660
SDev	.000	.0000	.0021	.0001	.005	.0024
%RSD	-141.4	6.845	184.4	423.4	.1148	.3540
#1	.0000	.0006	.0027	.0001	3.940	.6644
#2	-.0001	.0005	-.0004	-.0001	3.946	.6677

Method: CLP_Y Standard: STD 1 S1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Avge	.0039	.0002	.0005	.0005	-.0001	.0003	1.112
SDev	.0003	.0002	.0010	.0000	.0000	.0002	.001
%RSD	6.918	78.74	181.7	.2436	-.2436	64.48	.1166
#1	.0038	.0004	.0012	.0006	-.0001	.0004	1.113
#2	.0041	.0001	-.0001	.0005	-.0001	.0001	1.111

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Avge	.0001	.0000	.0008	.0018	.0002	1.178	.0001
SDev	.0000	.0001	.0000	.0000	.0000	.000	.0000
%RSD	.2436	82100.	.2436	1.694	.2436	.0367	46.92
#1	.0001	.0001	.0009	.0018	.0002	1.178	.0001
#2	.0001	-.0001	.0008	.0018	.0002	1.177	.0001

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Avge	.0003	.1921	.0004	.0001	1.510	.0070	.0000
SDev	.0002	.0050	.0000	.0000	.025	.0006	.0000
%RSD	64.48	2.578	.2436	28.05	1.663	8.324	.0000
#1	.0004	.1956	.0005	.0001	1.527	.0074	.0000
#2	.0001	.1886	.0004	.0001	1.492	.0066	.0000

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Avge	.0000	.0001	.0000	.0001	.0003	.0007	-.0072
SDev	.0000	.0001	.0002	.0000	.0001	.0002	.0007
%RSD	141.4	141.4	713.0	.2436	40.18	30.54	-9.578
#1	.0001	.0000	-.0001	.0001	.0003	.0009	-.0067
#2	.0000	.0001	.0001	.0001	.0004	.0005	-.0077

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Avge	.0001	.0005	.0010	.0000	3.979	.0010
SDev	.0000	.0000	.0001	.0000	.010	.0007
%RSD	.2436	.2436	6.491	.0000	.2452	72.01
#1	.0001	.0005	.0010	.0000	3.972	.0015
#2	.0001	.0005	.0011	.0000	3.986	.0005

Method: CLP_Y Standard: STD 3 S3

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Avge	.0047	.0003	-.0020	.0001	-.0001	.0000	.0300
SDev	.0002	.0000	.0003	.0000	.0000	.0001	.0005
%RSD	4.451	12.15	-14.85	.7107	-27.60	141.4	1.646
#1	.0048	.0002	-.0022	.0001	-.0001	.0000	.0303
#2	.0045	.0003	-.0018	.0001	-.0001	.0001	.0296

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Avge	.3138	.0002	.0008	.0008	-.0001	.0007	.4810
SDev	.0000	.0000	.0000	.0000	.0000	.0006	.0001
%RSD	.0033	16.42	.7107	3.852	-47.77	81.29	.0244
#1	.3138	.0002	.0008	.0007	-.0001	.0011	.4810
#2	.3138	.0002	.0008	.0008	.0000	.0003	.4811

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Avge	.4948	.0033	-.0001	.0001	.0036	.0068	-.0001
SDev	.0016	.0002	.0002	.0001	.0008	.0002	.0001
%RSD	.3286	4.995	-141.4	47.77	23.12	2.916	-141.4
#1	.4959	.0034	.0000	.0002	.0042	.0066	.0000
#2	.4936	.0032	-.0002	.0001	.0030	.0069	-.0001

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Avge	.4864	.0001	.0000	-.0001	-.0001	.0009	.0196
SDev	.0005	.0000	.000	.0000	.0001	.0001	.0006
%RSD	.1099	.7107	-690.5	-46.51	-84.40	7.148	2.870
#1	.4860	.0001	-.0001	.0000	.0000	.0008	.0192
#2	.4867	.0001	.0001	-.0001	-.0002	.0009	.0200

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Avge	.0000	.0006	.0025	-.0004	4.014	-.0007
SDev	.0000	.0000	.0002	.0000	.029	.0000
%RSD	.0000	6.858	6.255	-10.14	.7118	-3.147
#1	.0000	.0006	.0026	-.0004	3.993	-.0007
#2	.0000	.0005	.0024	-.0003	4.034	-.0007

Method: CLP_Y Standard: STD 5 S5

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Avge	.0038	.0000	.0000	.0001	-.0001	.0000	.0287
SDev	.0002	.0001	.001	.0000	.0000	.000	.0003
%RSD	4.647	141.4	-10950.	1.826	-45.51	-141.4	.9614
#1	.0037	.0000	-.0004	.0001	-.0001	.0000	.0289
#2	.0040	.0001	.0004	.0000	-.0001	.0000	.0285

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Avge	.0004	.0001	.0007	.0007	.0001	.0002	.0005
SDev	.0003	.0001	.0000	.0002	.0001	.0003	.0002
%RSD	59.74	141.4	1.826	23.54	141.4	141.4	44.08

#1	.0006	.0001	.0007	.0008	.0002	.0004	.0007
#2	.0002	.0000	.0007	.0005	.0000	.0000	.0003
Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Avge	.0010	.0036	.0001	.0549	.0021	.0066	-.0001
SDev	.0002	.0018	.0001	.0002	.0001	.0001	.0000
%RSD	15.95	49.41	141.4	.3413	3.529	.7464	-26.53
#1	.0011	.0048	.0002	.0551	.0021	.0066	-.0001
#2	.0009	.0023	.0000	.0548	.0020	.0065	-.0001
Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Avge	.0011	.0001	-.0001	.0001	.0000	.0007	-.0065
SDev	.0005	.0000	.0000	.0000	.0001	.0000	.0013
%RSD	48.76	1.826	-45.51	48.76	410.2	1.826	-20.43
#1	.0014	.0001	-.0001	.0001	.0001	.0007	-.0056
#2	.0007	.0000	-.0001	.0000	.0000	.0006	-.0075
Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193	
Avge	.0000	.0005	.0017	.0000	3.964	.0007	
SDev	.0000	.0000	.0004	.000	.073	.0005	
%RSD	.0000	1.826	20.79	-288.5	1.838	66.14	
#1	.0000	.0005	.0019	.0001	3.912	.0004	
#2	.0000	.0005	.0014	-.0001	4.015	.0010	

Method: CLP_Y Standard: STD 6 S6

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Avge	.0174	.0005	-.0112	.0001	-.0009	-.0001	.0234
SDev	.0002	.0001	.0014	.0000	.0001	.0001	.0000
%RSD	.8428	27.08	-12.08	48.25	-6.608	-85.65	.1156
#1	.0175	.0004	-.0102	.0001	-.0009	-.0002	.0234
#2	.0173	.0006	-.0122	.0000	-.0009	.0000	.0234
Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Avge	-.0033	.0005	.0021	.0014	.0012	.0054	.0002
SDev	.0000	.0001	.0001	.0001	.0001	.0001	.0000
%RSD	-.1720	15.38	2.198	8.961	10.54	2.573	1.252
#1	-.0033	.0006	.0020	.0015	.0011	.0055	.0002
#2	-.0033	.0004	.0021	.0013	.0013	.0053	.0002
Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Avge	.0002	.0029	-.0014	.0017	.0023	.0083	-.0007
SDev	.0001	.0004	.0002	.0000	.0000	.0000	.0000
%RSD	59.58	14.75	-11.35	1.252	.2692	.0380	-6.126
#1	.0001	.0026	-.0015	.0017	.0023	.0083	-.0008
#2	.0002	.0032	-.0013	.0017	.0023	.0083	-.0007
Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Avge	-.0004	.1292	.5080	.2532	.0918	.2491	.4603
SDev	.0000	.0004	.0091	.0007	.0003	.0013	.0013

%RSD	-1.252	.3161	1.790	.2933	.2832	.5325	.2778
#1	-.0004	.1295	.5144	.2526	.0920	.2482	.4594
#2	-.0004	.1289	.5015	.2537	.0916	.25	.4612

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Avge	.3068	.4504	.6638	.5988	3.950	-.0051
SDev	.0009	.0003	.0031	.0003	.050	.0009
%RSD	.2780	.0748	.4696	.0549	1.253	-17.95
#1	.3074	.4501	.6660	.5985	3.915	-.0045
#2	.3062	.4506	.6616	.5990	3.985	-.0058

Method: CLP_Y Sample Name: ICV/~~CCV~~ Operator: MJD
Run Time: 02/14/92 09:56:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.022	1.037	.0050	1.970	.4902	.4909	50.08
SDev	.024	.016	.0069	.004	.0006	.0011	.19
%RSD	1.178	1.575	138.2	.2107	.125	.2166	.3820
#1	2.005	1.049	.0098	1.973	.4907	.4901	49.95
#2	2.039	1.026	.0001	1.967	.4898	.4916	50.22

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4837	.5075	.4830	1.999	4.962	24.92	.4982
SDev	.0085	.0015	.0006	.002	.003	.05	.0024
%RSD	1.747	.3008	.1216	.1210	.0598	.2147	.4740
#1	.4777	.5086	.4834	1.997	4.960	24.88	.4965
#2	.4897	.5065	.4826	2.001	4.964	24.95	.4999

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4937	48.15	-.0228	.4911	48.26	.0198	.4982
SDev	.0107	.14	.0001	.0019	.04	.0122	.0019
%RSD	2.166	.2811	-.4050	.3782	.0847	61.63	.3836
#1	.5013	48.25	-.0228	.4924	48.29	.0284	.4968
#2	.4861	48.06	-.0229	.4898	48.23	.0112	.4995

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.266	.0059	.0045	.0055	.0886	.0000	.0318
SDev	.012	.0055	.0032	.0043	.0526	.012	.0239
%RSD	.3526	94.00	70.67	77.18	59.33	-37690.	75.03
#1	3.257	.0098	.0067	.0085	.1258	.0082	.0487
#2	3.274	.0020	.0022	.0025	.0514	-.0082	.0149

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm

Avge	.0214	.0049	.0763	.0090	100.3	-.0016
SDev	.0024	.0028	.0260	.0048	.1	.0015
%RSD	11.00	57.36	34.05	53.08	.1220	-92.92
#1	.0230	.0068	.0947	.0123	100.2	-.0006
#2	.0197	.0029	.0580	.0056	100.4	-.0027

Method: CLP_Y Sample Name: ICB/~~CCB~~ Operator: MJD
Run Time: 02/14/92 09:59:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0033	.0063	-.0194	.0017	-.0005	-.0014	-.1127
SDev	.0100	.0029	.0107	.0018	.0000	.0009	.0303
%RSD	304.9	46.31	-55.14	101.5	-4.215	-65.06	-26.91
#1	-.0038	.0042	-.0270	.0030	-.0005	-.0008	-.0912
#2	.0103	.0084	-.0119	.0005	-.0005	-.0021	-.1341

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0036	-.0013	-.0154	-.0270	-.0113	-.0670	.0005
SDev	.0023	.0018	.0020	.0007	.0222	.0166	.0000
%RSD	-62.97	-140.0	-13.24	-2.407	-195.8	-24.83	.5860
#1	-.0052	.0000	-.0140	-.0265	-.0270	-.0553	.0005
#2	-.0020	-.0026	-.0169	-.0275	.0044	-.0788	.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0162	-.0713	-.0305	-.0019	.0474	.0103	-.0009
SDev	.0078	.1534	.0172	.0013	.0298	.0069	.0025
%RSD	48.43	-215.2	-56.22	-69.24	62.92	66.82	-293.4
#1	.0106	.0372	-.0426	-.0010	.0684	.0152	.0009
#2	.0217	-.1797	-.0184	-.0028	.0263	.0054	-.0027

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0036	.0038	.0007	-.0010	.0172	-.0065	.0208
SDev	.0022	.0000	.0007	.0014	.0200	.0027	.0235
%RSD	61.20	.8581	93.04	-136.9	116.1	-42.22	113.2
#1	.0052	.0038	.0003	.0000	.0314	-.0084	.0042
#2	.0021	.0038	.0012	-.0020	.0031	-.0046	.0374

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0004	-.0006	.0027	-.0009	101.0	-.0087
SDev	.0006	.0004	.0000	.0000	.3	.0108
%RSD	141.4	-67.07	.8396	-.4771	.2994	-124.6
#1	.0000	-.0003	.0027	-.0009	100.7	-.0164
#2	.0008	-.0009	.0028	-.0009	101.2	-.0010

Method: CLP_Y Sample Name: CRI Operator: MJD
Run Time: 02/14/92 10:02:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4214	.1306	.0650	.3956	.0095	.0085	-.1572
SDev	.0054	.0026	.0268	.0012	.0000	.0020	.0015
%RSD	1.288	1.997	41.29	.2943	.3774	23.92	-.9221
#1	.4175	.1287	.0839	.3965	.0096	.0100	-.1562
#2	.4252	.1324	Q.0460	.3948	.0095	.0071	-.1582

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0193	.1035	.0332	.1744	.0482	-.0834	.0318
SDev	.0001	.0042	.0003	.0014	.0175	.0011	.0001
%RSD	.2443	4.028	.7639	.8268	36.21	-1.328	.3975
#1	.0193	.1005	.0334	.1754	Q.0359	-.0842	.0318
#2	.0192	.1064	.0330	.1733	.0605	-.0826	.0317

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0876	.1008	.0843	.0215	.0356	.0984	.1005
SDev	.0075	.0983	.0040	.0012	.0017	.0170	.0010
%RSD	8.519	97.54	4.748	5.360	4.682	17.32	.9440
#1	.0929	.1703	.0814	.0207	.0368	.1105	.0998
#2	.0823	.0313	.0871	.0223	.0344	.0864	.1012

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0414	Q.0983	.0530	.1008	.1863	Q.5241	.0069
SDev	.0006	.0023	.0002	.0032	.0923	.0007	.0108
%RSD	1.432	2.377	.3803	3.166	49.55	.1305	155.5
#1	.0410	Q.0967	.0531	.1030	.1210	Q.5246	.0146
#2	.0418	Q.1000	.0528	.0985	.2516	Q.5236	-.0007

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0481	.0506	.0532	.1007	101.0	.0608
SDev	.0002	.0018	.0266	.0026	.4	.0244
%RSD	.3822	3.457	50.05	2.550	.3846	40.15
#1	.0483	.0493	.0344	.0989	100.8	.0780
#2	.0480	.0518	.0720	.1025	101.3	.0435

Method: CLP_Y Sample Name: ICSA Operator: MJD
Run Time: 02/14/92 10:05:21
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	551.3	.0012	Q.2925	.0120	-.0001	-.0037	521.7
SDev	.3	.0213	.0670	.0006	.0008	.0009	.9
%RSD	.0531	1845.	22.90	5.253	-565.6	-23.23	.1771
#1	551.1	.0162	Q.3399	.0115	.0004	-.0044	521.1
#2	551.5	-.0139	Q.2451	.0124	-.0007	-.0031	522.4

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0039	-.0022	.0054	197.9	-.0188	508.4	Q.0231
SDev	.0061	.0018	.0017	.0	.0073	.0	.0015
%RSD	155.0	-82.40	30.91	.0245	-38.53	.0016	6.501
#1	Q-.0004	-.0035	.0065	197.9	-.0240	508.4	Q.0221
#2	Q.0083	-.0009	.0042	197.8	-.0137	508.4	Q.0242

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0024	-.0190	-.0125	-.0017	1.662	.0593	.0111
SDev	.0105	.0374	.0075	.0014	.007	.0340	.0018
%RSD	431.7	-197.1	-59.82	-77.50	.4401	57.27	16.03
#1	-.0050	.0075	-.0072	-.0027	1.657	.0353	.0124
#2	.0098	-.0454	-.0178	-.0008	1.667	.0833	.0099

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2114	.0559	.0023	-.0263	.3134	.0084	.3545
SDev	.0012	.0046	.0000	.0005	.1868	.0077	.1764
%RSD	.5519	8.273	.6898	-1.806	59.59	91.46	49.75
#1	.2105	.0591	.0023	-.0267	.4455	.0138	.4792
#2	.2122	.0526	.0023	-.0260	.1814	.0030	.2298

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.4711	.0086	.0930	.0022	96.17	-.8371
SDev	.0000	.0001	.0072	.0001	.75	.0395
%RSD	.0052	1.293	7.766	3.301	.7820	-4.721
#1	.4711	.0087	.0879	.0022	95.63	-.8092
#2	.4711	.0086	.0981	.0021	96.70	-.8651

Method: CLP_Y Sample Name: ICSAB Operator: MJD
Run Time: 02/14/92 10:08:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	543.9	Q.0813	Q.4369	.4853	.5040	.9030	513.4
SDev	1.3	.0391	.0243	.0046	.0054	.0073	.8
%RSD	.2340	48.07	5.562	.9565	1.064	.8041	.1501

#1	544.8	Q.1089	Q.4541	.4886	.5078	.8978	512.8
#2	543.0	.0537	Q.4197	.4821	.5002	.9081	513.9

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4941	.4645	.5175	195.1	4.640	499.0	.4808
SDev	.0003	.0019	.0043	.3	.036	.9	.0003
%RSD	.0594	.4103	.8388	.1458	.7749	.1866	.0678
#1	.4943	.4632	.5205	195.3	4.615	499.7	.4810
#2	.4939	.4659	.5144	194.9	4.665	498.4	.4806

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9122	-.3528	.0016	.8693	1.689	.0559	.4951
SDev	.0210	.2643	.0623	.0064	.042	.0440	.0006
%RSD	2.298	-74.90	3909.	.7337	2.501	78.79	.1217
#1	.9270	-.1659	.0457	.8648	1.719	.0870	.4955
#2	.8973	-.5396	-.0425	.8738	1.659	.0248	.4947

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.188	.0719	-.0002	-.0058	.2818	.0266	.4467
SDev	.010	.0142	.0000	.0017	.1576	.0039	.0541
%RSD	.8012	19.81	-1.191	-28.80	55.95	14.69	12.12
#1	1.181	.0618	-.0002	-.0046	.3932	.0294	.4850
#2	1.194	.0820	-.0002	-.0070	.1703	.0238	.4084

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.4679	.0078	.0502	.0014	98.94	-.3868
SDev	.0031	.0005	.0112	.0007	.58	.2142
%RSD	.6718	6.102	22.27	48.51	.5892	-55.38
#1	.4702	.0075	.0423	.0009	99.35	-.2353
#2	.4657	.0082	.0581	.0018	98.53	-.5382

Method: CLP_Y Sample Name: ZZZZZZ Operator: MJD
Run Time: 02/14/92 10:11:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4771	.0023	.0066	.0010	-.0005	-.0001	.2936
SDev	.2686	.0147	.0106	.0000	.0000	.0001	.2630
%RSD	56.31	641.2	160.5	.8787	-1.196	-113.6	89.58
#1	.6670	-.0081	.0141	.0010	-.0005	-.0002	.4796
#2	.2871	.0127	-.0009	.0009	-.0005	.0000	.1076

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.0032	-.0013	-.0152	.1673	-.0043	.3613	.0000
SDev	.0009	.0018	.0013	.1045	.0067	.2472	.0007
%RSD	-29.08	-136.2	-8.332	62.48	-155.7	68.42	12510.
#1	-.0026	-.0026	-.0161	.2412	-.0091	.5361	.0005
#2	-.0039	.0000	-.0143	.0934	.0004	.1865	-.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	-.2746	-.0031	-.0002	-.0053	-.0157	.0001
SDev	.0021	.1059	.0124	.0013	.0005	.0098	.0012
%RSD	191.4	-38.56	-394.4	-672.1	-10.05	-62.51	1867.
#1	.0025	-.3495	-.0119	-.0011	-.0049	-.0226	-.0008
#2	-.0004	-.1997	.0056	.0007	-.0057	-.0087	.0009

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0020	-.0040	-.0005	-.0049	.0400	-.0012	.0024
SDev	.0000	.0026	.0003	.0014	.0261	.0059	.0301
%RSD	.7363	-65.41	-72.13	-28.40	65.19	-498.1	1246.
#1	.0020	-.0059	-.0002	-.0039	.0584	.0030	-.0189
#2	.0020	-.0022	-.0007	-.0059	.0216	-.0054	.0237

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0008	-.0004	.0342	-.0004	103.2	.0067
SDev	.0000	.0000	.0233	.0006	.6	.0120
%RSD	.6065	-5.497	68.15	-128.6	.6103	179.8
#1	.0008	-.0004	.0506	.0000	102.7	.0152
#2	.0008	-.0005	.0177	-.0009	103.6	-.0018

Method: CLP_Y Sample Name: PBS Operator: DLS
Run Time: 02/14/92 10:14:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0387	.0067	-.0029	-.0005	.0000	-.0005	-.1523
SDev	.0003	.0088	.0171	.0000	.0008	.0010	.0036
%RSD	.7556	130.2	-585.4	-.0014	1646.	-191.3	-2.339
#1	.0385	.0005	.0092	-.0005	.0006	-.0012	-.1498
#2	.0389	.0129	-.0150	-.0005	-.0005	.0002	-.1548

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0030	.0006	-.0151	-.0136	-.0083	-.0737	-.0005
SDev	.0005	.0009	.0000	.0017	.0044	.0016	.0000
%RSD	-17.04	146.6	-.2441	-12.15	-53.14	-2.234	-.4532
#1	-.0033	.0012	-.0151	-.0124	-.0114	-.0726	-.0005
#2	-.0026	.0000	-.0151	-.0148	-.0052	-.0749	-.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0086	-.1935	-.0392	-.0010	.0416	-.0086	-.0035
SDev	.0085	.2186	.0126	.0000	.0054	.0133	.0038
%RSD	99.39	-113.0	-32.28	-.5813	12.99	-154.2	-108.2
#1	.0025	-.3481	-.0481	-.0010	.0378	-.0180	-.0062
#2	.0146	-.0390	-.0302	-.0010	.0454	.0008	-.0008

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0247	.0010	-.0049	-.0057	.1097	-.0159
SDev	.0007	.0025	.0003	.0069	.0236	.0008	.0333
%RSD	139.5	10.14	34.54	-140.0	-417.1	.7254	-209.6
#1	.0010	.0265	.0012	-.0098	-,0224	.1092	-.0394
#2	.0000	.0229	.0007	-.0001	.0110	.1103	.0077

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0000	-.0007	.0074	.0000	102.1	-.0024
SDev	.0000	.0004	.0212	.001	.6	.0184
%RSD	.0000	-55.26	287.9	-5206.	.5708	-759.6
#1	.0000	-.0004	-.0076	-.0009	102.5	.0106
#2	.0000	-.0009	.0224	.0008	101.7	-.0154

Method: CLP_Y Sample Name: LCSS Operator: DLS
Run Time: 02/14/92 10:17:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.855	1.171	5.275	.0264	.1002	.2140	961.2
SDev	.010	.022	.038	.0001	.0005	.0021	1.4
%RSD	.5340	1.878	.7271	.2696	.5115	.9595	.1416
#1	1.862	1.187	5.302	.0263	.1006	.2126	960.3
#2	1.848	1.156	5.248	.0264	.0998	.2155	962.2

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4883	.7664	35.15	118.3	1.167	583.1	1.043
SDev	.0022	.0068	.10	.0	.015	1.8	.000
%RSD	.4444	.8891	.2783	.0171	1.273	.3167	.0328
#1	.4868	.7616	35.08	118.3	1.156	581.8	1.043
#2	.4899	.7712	35.22	118.3	1.177	584.4	1.043

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3074	.1009	.1753	.1109	.1866	.2257	.3660
SDev	.0068	.0168	.0043	.0010	.0005	.0117	.0004
%RSD	2.200	16.65	2.470	.9260	.2706	5.182	.0998

#1	.3121	.1127	.1783	.1116	.1870	.2174	.3663
#2	.3026	.0890	.1722	.1102	.1863	.2339	.3657

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9066	.0685	.0021	.2609	.6279	4.039	-.0625
SDev	.0047	.0002	.0011	.0009	.0244	.011	.0504
%RSD	.5169	.2748	53.29	.3251	3.885	.2640	-80.60
#1	.9033	.0684	.0013	.2615	.6451	4.032	-.0269
#2	.9099	.0686	.0028	.2603	.6106	4.047	-.0982

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.2521	.1030	.1200	.0162	96.01	5.282
SDev	.0001	.0005	.0301	.0001	.26	.043
%RSD	.0199	.5230	25.10	.3482	.2661	.8189
#1	.2521	.1034	.1413	.0162	96.19	5.313
#2	.2522	.1026	.0987	.0163	95.83	5.252

Method: CLP_Y Sample Name: MFQ311 Operator: DLS
Run Time: 02/14/92 10:23:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	93.59	.0598	.1070	.8207	.0033	-.0008	334.9
SDev	.44	.0181	.0088	.0018	.0008	.0025	1.0
%RSD	.4708	30.29	8.262	.2190	22.99	-315.8	.2845
#1	93.28	.0726	.1132	.8194	.0038	-.0025	334.2
#2	93.90	.0470	.1007	.8219	.0027	.0010	335.6

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0786	.0231	.1627	70.19	.0235	29.43	.8333
SDev	.0008	.0029	.0133	.11	.0030	.19	.0002
%RSD	.9821	12.44	8.196	.1623	12.75	.6328	.0234
#1	.0791	.0251	.1721	70.10	.0256	29.30	.8334
#2	.0780	.0211	.1532	70.27	.0213	29.56	.8332

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0707	19.05	-.0502	-.0019	.8105	.0169	.1333
SDev	.0055	.55	.0175	.0000	.0127	.0141	.0005
%RSD	7.838	2.868	-34.86	-1.951	1.566	83.39	.4069
#1	.0667	18.66	-.0626	-.0019	.8015	.0269	.1337
#2	.0746	19.43	-.0378	-.0019	.8195	.0069	.1329

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.2166	.0758	.0935	-.0046	2.680	16.10	.1407
SDev	.0014	.0025	.0039	.0042	.004	.04	.0267
%RSD	.6359	3.287	4.206	-90.99	.1580	.2423	19.01
#1	.2175	.0741	.0907	-.0016	2.677	16.07	.1596
#2	.2156	.0776	.0963	-.0076	2.683	16.13	.1218

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.6184	2.205	.0960	.0327	100.2	-.0664
SDev	.0028	.002	.0359	.0001	.3	.0341
%RSD	.4555	.0815	37.42	.3377	.2980	-51.41
#1	.6164	2.203	.1214	.0328	100.0	-.0423
#2	.6203	2.206	.0706	.0326	100.4	-.0905

Method: CLP_Y Sample Name: MFQ312 Operator: DLS
Run Time: 02/14/92 10:26:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.96	.0137	-.0022	.1195	.0000	.0012	43.65
SDev	.03	.0088	.0083	.0005	.0007	.0001	.05
%RSD	.1374	64.23	-374.7	.3898	1483.	9.300	.1238
#1	19.98	.0199	.0036	.1198	.0006	.0011	43.68
#2	19.94	.0075	-.0080	.1191	-.0005	.0012	43.61

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0143	.0172	.0518	55.96	-.0017	9.075	.8450
SDev	.0022	.0018	.0027	.01	.0129	.021	.0013
%RSD	15.31	10.17	5.167	.0205	-746.7	.2363	.1477
#1	.0158	.0160	.0537	55.96	-.0108	9.090	.8441
#2	.0127	.0184	.0499	55.97	.0074	9.059	.8459

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0199	5.296	-.0504	-.0015	.3080	-.0108	.1004
SDev	.0083	.234	.0208	.0012	.0072	.0052	.0011
%RSD	41.85	4.413	-41.17	-80.94	2.348	-47.93	1.132
#1	.0258	5.462	-.0651	-.0024	.3131	-.0145	.0996
#2	.0140	5.131	-.0357	-.0007	.3029	-.0071	.1012

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1004	.0471	.0540	-.0076	2.748	5.580	.1075
SDev	.0015	.0106	.0034	.0054	.023	.013	.0154
%RSD	1.486	22.58	6.333	-70.49	.8257	.2415	14.31
#1	.1014	.0546	.0565	-.0038	2.764	5.571	.0967
#2	.0993	.0395	.0516	-.0114	2.731	5.590	.1184

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0654	4.620	.0942	.0109	104.5	-.0387
SDev	.0001	.006	.0103	.0006	.1	.0046
%RSD	.1060	.1391	10.93	5.371	.0998	-12.01
#1	.0655	4.624	.0869	.0114	104.5	-.0354
#2	.0654	4.615	.1014	.0105	104.6	-.0420

Method: CLP_Y Sample Name: MFQ313 Operator: DLS
Run Time: 02/14/92 10:29:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.49	.0070	.0513	.1905	.0015	.0010	48.44
SDev	.10	.0001	.0025	.0001	.0000	.0007	.09
%RSD	.3434	.7610	4.898	.0398	2.349	72.34	.1890
#1	28.42	.0070	.0531	.1905	.0014	.0016	48.37
#2	28.56	.0069	.0495	.1906	.0015	.0005	48.50

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0601	.0481	.0744	224.6	.0257	15.69	1.338
SDev	.0007	.0010	.0027	.0	.0002	.03	.002
%RSD	1.189	2.061	3.638	.0125	.6008	.1846	.1347
#1	.0596	.0488	.0764	224.5	.0258	15.67	1.336
#2	.0606	.0474	.0725	224.6	.0256	15.71	1.339

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0386	9.477	L-.1001	-.0010	.2831	.0157	.4210
SDev	.0084	.224	.0462	.0000	.0052	.0025	.0057
%RSD	21.79	2.360	-46.18	-4.215	1.837	16.16	1.355
#1	.0445	9.318	L-.1327	-.0011	.2795	.0175	.4251
#2	.0326	9.635	-.0674	-.0010	.2868	.0139	.4170

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1855	.0417	.0725	-.0153	5.091	6.734	.4049
SDev	.0012	.0092	.0004	.0014	.127	.019	.0183
%RSD	.6277	22.12	.6056	-9.074	2.501	.2756	4.530
#1	.1847	.0352	.0728	-.0163	5.001	6.721	.3919
#2	.1864	.0483	.0722	-.0143	5.181	6.747	.4178

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0914	7.054	.0808	.0168	103.6	-.0080
SDev	.0001	.006	.0409	.0005	.1	.0068
%RSD	.1379	.0835	50.60	3.204	.1355	-84.81

#1	.0915	7.058	.1098	.0164	103.5	-.0032
#2	.0913	7.050	.0519	.0172	103.7	-.0129

Method: CLP_Y Sample Name: MFQ314 Operator: DLS
Run Time: 02/14/92 10:32:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.24	.0006	.0649	.2453	.0011	.0008	64.85
SDev	.13	.0056	.0120	.0000	.0000	.0009	.16
%RSD	.4038	1014.	18.50	.0049	.0167	108.2	.2410
#1	31.15	-.0034	.0734	.2453	.0011	.0002	64.74
#2	31.33	.0045	.0564	.2452	.0011	.0015	64.96

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0218	.0287	.0471	100.1	.0081	19.41	1.530
SDev	.0006	.0006	.0017	.1	.0080	.04	.003
%RSD	2.623	2.076	3.625	.0659	98.94	.2029	.1958
#1	.0222	.0283	.0483	100.1	.0024	19.38	1.528
#2	.0214	.0292	.0459	100.2	.0138	19.43	1.532

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0319	12.77	-.0122	.0001	.3040	.0103	.1668
SDev	.0047	.11	.0089	.0025	.0137	.0026	.0011
%RSD	14.64	.8932	-73.17	1850.	4.493	25.21	.6587
#1	.0286	12.69	-.0185	.0019	.2944	.0085	.1676
#2	.0352	12.85	-.0059	-.0016	.3137	.0122	.1660

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2022	.0428	.0846	-.0073	2.771	6.929	.2872
SDev	.0009	.0129	.0012	.0028	.013	.001	.0491
%RSD	.4438	30.18	1.435	-38.48	.4644	.0207	17.10
#1	.2015	.0336	.0837	-.0093	2.780	6.928	.2525
#2	.2028	.0519	.0854	-.0053	2.762	6.930	.3220

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1274	5.614	.0464	.0092	104.7	.0093
SDev	.0004	.000	.0039	.0007	.6	.0090
%RSD	.3201	.0079	8.475	7.092	.5532	97.13
#1	.1271	5.614	.0437	.0097	104.3	.0157
#2	.1277	5.614	.0492	.0087	105.1	.0029

Method: CLP_Y Sample Name: ~~ICV~~/CCV Operator: DLS
Run Time: 02/14/92 10:35:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.027	1.032	-.0179	1.974	.4923	.4813	50.11
SDev	.014	.016	.0106	.000	.0008	.0018	.08
%RSD	.6747	1.596	-58.82	.0059	.1663	.3677	.1654
#1	2.037	1.021	-.0254	1.974	.4917	.4801	50.17
#2	2.018	1.044	-.0105	1.974	.4928	.4826	50.06

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4835	.5078	.4974	2.040	4.959	24.71	.4979
SDev	.0001	.0019	.0001	.014	.012	.02	.0007
%RSD	.0202	.3697	.0288	.6777	.2403	.0661	.1414
#1	.4835	.5091	.4973	2.050	4.968	24.70	.4984
#2	.4836	.5065	.4975	2.030	4.951	24.72	.4974

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4963	50.46	-.0285	.4824	49.69	-.0065	.4980
SDev	.0021	.08	.0087	.0015	.14	.0235	.0002
%RSD	.4263	.1673	-30.41	.3181	.2897	-358.9	.0477
#1	.4948	50.52	-.0346	.4813	49.80	.0101	.4979
#2	.4978	50.40	-.0224	.4835	49.59	-.0232	.4982

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.247	-.0040	.0007	-.0044	.0075	-.0170	-.0117
SDev	.010	.0000	.0007	.0013	.0736	.0001	.0355
%RSD	.3020	-.0399	92.41	-30.04	977.6	-.6036	-303.7
#1	3.253	-.0040	.0003	-.0035	.0596	-.0169	.0134
#2	3.240	-.0040	.0012	-.0054	-.0445	-.0171	-.0368

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0169	.0024	.0112	-.0007	102.7	-.0144
SDev	.0001	.0005	.0348	.0006	.7	.0082
%RSD	.7208	18.56	310.7	-82.64	.7255	-56.71
#1	.0169	.0028	-.0134	-.0003	102.1	-.0202
#2	.0168	.0021	.0358	-.0011	103.2	-.0086

Method: CLP_Y Sample Name: ~~ICB~~/CCB Operator: DLS
Run Time: 02/14/92 10:38:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.0055	.0023	.0161	.0005	-.0005	-.0013	-.1355
SDev	.0040	.0088	.0011	.0000	.0000	.0000	.0059
%RSD	73.20	382.2	7.043	.7936	-.7834	-1.827	-4.373
#1	.0083	.0085	.0169	.0005	-.0005	-.0013	-.1314
#2	.0026	-.0039	.0153	.0005	-.0005	-.0013	-.1397

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	.0019	-.0048	-.0149	-.0068	-.0600	.0000
SDev	.0019	.0027	.0015	.0013	.0020	.0021	.001
%RSD	-135.4	144.0	-30.48	-8.858	-30.14	-3.471	-7126.
#1	-.0027	.0000	-.0038	-.0140	-.0082	-.0615	-.0005
#2	-.0001	.0038	-.0058	-.0158	-.0053	-.0585	.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0116	-.0903	-.0092	-.0001	.0209	-.0131	-.0035
SDev	.0071	.1358	.0125	.0012	.0016	.0006	.0014
%RSD	61.52	-150.5	-135.9	-1027.	7.578	-4.515	-39.44
#1	.0166	-.1863	-.0004	-.0010	.0221	-.0135	-.0045
#2	.0065	.0058	-.0181	.0007	.0198	-.0127	-.0025

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0020	-.0012	.0003	-.0020	-.0305	-.0059	-.0040
SDev	.0014	.0014	.0014	.0000	.0014	.0070	.0230
%RSD	71.46	-118.2	543.8	-1.387	-4.605	-119.4	-579.1
#1	.0030	-.0021	-.0007	-.0020	-.0295	-.0109	.0123
#2	.0010	-.0002	.0012	-.0020	-.0315	-.0009	-.0203

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0000	-.0001	.0042	-.0004	102.2	.0165
SDev	.0000	.0004	.0573	.0006	.4	.0001
%RSD	.0000	-295.0	1363.	-132.9	.3766	.6751
#1	.0000	-.0004	-.0363	-.0009	102.0	.0164
#2	.0000	.0001	.0447	.0000	102.5	.0166

Method: CLP_Y Sample Name: MFQ324 Operator: DLS
Run Time: 02/14/92 10:41:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.53	.0194	.1233	.5276	-.0002	-.0003	23.38
SDev	.17	.0183	.0476	.0013	.0000	.0006	.01
%RSD	.3442	94.20	38.61	.2501	-.4612	-186.6	.0412
#1	49.41	.0324	.1569	.5286	-.0002	-.0007	23.37
#2	49.65	.0065	.0896	.5267	-.0002	.0001	23.38

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.446	.0482	1.002	316.2	2.273	28.98	1.860
SDev	.012	.0035	.004	.1	.008	.05	.001
%RSD	.1575	7.293	.3841	.0246	.3612	.1890	.0737
#1	7.455	.0506	.9995	316.2	2.267	28.94	1.861
#2	7.438	.0457	1.005	316.1	2.279	29.02	1.859

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0530	28.07	-.0876	.0017	1.553	.0393	.4231
SDev	.0003	.41	.0465	.0001	.033	.0076	.0019
%RSD	.4836	1.473	-53.08	2.777	2.119	19.39	.4516
#1	.0528	27.78	-.0547	.0017	1.530	.0446	.4244
#2	.0531	28.36	L-.1204	.0017	1.576	.0339	.4217

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2996	.1635	.0948	.2230	6.682	10.42	9.190
SDev	.0049	.0091	.0019	.0120	.032	.02	.045
%RSD	1.629	5.540	2.015	5.386	.4863	.1545	.4865
#1	.2961	.1571	.0935	.2145	6.659	10.43	9.158
#2	.3030	.1699	.0962	.2314	6.705	10.41	9.222

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0913	14.35	.0645	.0533	104.6	.0346
SDev	.0004	.00	.0555	.0001	.9	.0440
%RSD	.3964	.0186	86.02	.1487	.8288	127.2
#1	.0910	14.35	.1037	.0532	104.0	.0657
#2	.0915	14.35	.0253	.0533	105.2	.0035

Method: CLP_Y Sample Name: MFQ326 Operator: DLS
Run Time: 02/14/92 10:44:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.04	.0068	.0589	.3995	.0017	-.0017	48.78
SDev	.12	.0057	.0359	.0011	.0000	.0026	.05
%RSD	.2399	83.08	61.03	.2785	.1230	-153.7	.1079
#1	48.12	.0028	.0335	.4003	.0017	-.0035	48.74
#2	47.96	.0109	.0843	.3987	.0017	.0001	48.82

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0462	.0472	.0771	172.1	.0900	32.59	2.739
SDev	.0017	.0018	.0013	.2	.0001	.07	.002
%RSD	3.662	3.723	1.681	.1052	.1217	.2278	.0816

#1	.0450	.0460	.0780	171.9	.0900	32.65	2.738
#2	.0474	.0485	.0762	172.2	.0901	32.54	2.741

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0469	18.91	-.0245	-.0008	.9133	.0413	.3170
SDev	.0014	.98	.0288	.0025	.0355	.0296	.0002
%RSD	2.938	5.171	-117.7	-315.9	3.882	71.68	.0540
#1	.0479	19.60	-.0041	-.0026	.9383	.0622	.3171
#2	.0459	18.22	-.0448	.0010	.8882	.0203	.3169

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3828	.0397	.0989	-.0083	5.937	9.933	.4420
SDev	.0027	.0000	.0047	.0000	.112	.010	.0325
%RSD	.7090	.0931	4.794	-.1087	1.891	.1015	7.343
#1	.3809	.0397	.1022	-.0083	5.857	9.926	.4190
#2	.3847	.0397	.0955	-.0083	6.016	9.940	.4649

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1026	10.69	.0212	.0200	104.4	-.0285
SDev	.0000	.01	.0229	.0006	.0	.0209
%RSD	.0240	.1166	107.6	2.911	.0241	-73.27
#1	.1026	10.69	.0374	.0204	104.4	-.0432
#2	.1026	10.68	.0051	.0196	104.4	-.0137

Method: CLP_Y Sample Name: MFQ327 Operator: DLS
Run Time: 02/14/92 10:48:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.65	-.0063	.1537	.4911	.0017	.0022	39.47
SDev	.17	.0028	.0013	.0004	.0000	.0054	.10
%RSD	.2434	-44.40	.8602	.0813	.5246	252.1	.2409
#1	71.53	-.0043	.1546	.4913	.0017	-.0017	39.40
#2	71.77	-.0082	.1527	.4908	.0017	.0060	39.53

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1684	.0781	.9625	357.4	.0562	48.06	3.479
SDev	.0011	.0050	.0020	.1	.0170	.25	.005
%RSD	.6470	6.359	.2068	.0173	30.30	.5099	.1442
#1	.1676	.0745	.9611	357.3	.0682	47.88	3.475
#2	.1691	.0816	.9639	357.4	.0442	48.23	3.482

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.0435	30.65	L-.1572	-.0007	.2975	.0908	.5518
SDev	.0107	.01	.0225	.0012	.0002	.0305	.0035
%RSD	24.47	.0431	-14.29	-176.0	.0550	33.57	.6360
#1	.0360	30.66	L-.1413	-.0016	.2974	.0692	.5493
#2	.0511	30.64	L-.1731	.0002	.2977	.1123	.5543

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5253	.0444	.1328	.0007	9.266	11.06	.7755
SDev	.0003	.0056	.0018	.0002	.096	.06	.0159
%RSD	.0486	12.61	1.367	20.70	1.035	.5576	2.056
#1	.5254	.0404	.1315	.0008	9.333	11.02	.7867
#2	.5251	.0483	.1341	.0006	9.198	11.11	.7642

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0949	19.04	.0368	.0378	102.7	-.0011
SDev	.0003	.00	.0328	.0016	.3	.0009
%RSD	.2596	.0144	89.12	4.142	.3397	-83.74
#1	.0951	19.04	.0136	.0389	103.0	-.0018
#2	.0948	19.04	.0600	.0367	102.5	-.0004

Method: CLP_Y Sample Name: MFQ328 Operator: DLS
Run Time: 02/14/92 10:51:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.80	.0113	.1108	.5097	.0014	.0095	46.02
SDev	.03	.0059	.0428	.0008	.0015	.0005	.06
%RSD	.0848	52.07	38.61	.1640	101.7	5.747	.1234
#1	40.77	.0071	.0806	.5103	.0024	.0099	45.98
#2	40.82	.0155	.1411	.5091	.0004	.0091	46.06

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.270	.0408	22.49	203.2	.2287	21.52	1.563
SDev	.003	.0045	.00	.1	.0148	.01	.002
%RSD	.1510	11.06	.0036	.0523	6.470	.0449	.1025
#1	2.272	.0376	22.49	203.1	.2391	21.53	1.562
#2	2.267	.0440	22.49	203.2	.2182	21.51	1.564

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1159	13.88	-.0967	.0024	.7937	.0190	.2601
SDev	.0048	.55	.0039	.0012	.0128	.0070	.0003
%RSD	4.101	3.980	-4.022	49.90	1.614	36.73	.0982
#1	.1193	14.27	-.0994	.0033	.8028	.0240	.2599
#2	.1125	13.49	-.0939	.0016	.7847	.0141	.2603

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9054	.1747	.0732	.0031	3.761	9.437	.8392
SDev	.0032	.0028	.0014	.0055	.005	.029	.0063
%RSD	.3578	1.618	1.957	179.5	.1434	.3116	.7466
#1	.9031	.1727	.0722	.0069	3.757	9.416	.8348
#2	.9076	.1767	.0742	-.0008	3.764	9.458	.8436

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.2349	7.318	.0553	.0346	103.6	.0412
SDev	.0026	.002	.0282	.0011	.1	.0415
%RSD	1.093	.0303	50.95	3.225	.1077	100.8
#1	.2367	7.316	.0752	.0354	103.7	.0119
#2	.2331	7.319	.0354	.0338	103.5	.0706

Method: CLP_Y Sample Name: MFQ329 Operator: DLS
Run Time: 02/14/92 10:54:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.10	.0272	.1122	.2072	.0002	-.0002	22.65
SDev	.02	.0079	.0190	.0001	.0007	.0033	.04
%RSD	.0534	28.86	16.93	.0551	416.7	-1643.	.1971
#1	40.11	.0217	.1256	.2073	.0007	-.0025	22.68
#2	40.08	.0328	.0988	.2071	-.0003	.0021	22.62

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.873	.0302	5.417	423.7	.2593	22.20	1.426
SDev	.015	.0029	.006	.5	.0048	.03	.000
%RSD	.1917	9.639	.1089	.1132	1.837	.1154	.0333
#1	7.883	.0323	5.422	424.0	.2627	22.22	1.427
#2	7.862	.0282	5.413	423.4	.2559	22.18	1.426

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0897	14.30	L-.1662	.1213	.3702	.0049	.3458
SDev	.0082	.08	.0322	.0041	.0006	.0253	.0026
%RSD	9.159	.5394	-19.41	3.371	.1602	515.6	.7648
#1	.0956	14.24	L-.1890	.1242	.3698	.0228	.3476
#2	.0839	14.35	L-.1434	.1184	.3707	-.0130	.3439

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2651	.1068	.0780	.0022	10.77	9.263	3.396
SDev	.0004	.0063	.0003	.0008	.02	.005	.016
%RSD	.1677	5.943	.3953	36.18	.1697	.0532	.4729

#1	.2654	.1023	.0777	.0016	10.79	9.260	3.385
#2	.2648	.1112	.0782	.0027	10.76	9.267	3.408

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0567	9.918	.1294	.0394	102.3	.0146
SDev	.0002	.002	.0897	.0005	1.4	.0078
%RSD	.3682	.0171	69.32	1.321	1.375	53.37
#1	.0568	9.917	.1928	.0390	101.3	.0091
#2	.0566	9.920	.0660	.0397	103.3	.0201

Method: CLP_Y Sample Name: MFQ330 Operator: DLS
Run Time: 02/14/92 10:57:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.87	.0156	.1320	.7965	.0022	.0038	27.30
SDev	.29	.0000	.0206	.0008	.0000	.0018	.04
%RSD	.4151	.2687	15.62	.1034	1.029	47.08	.1605
#1	68.67	.0157	.1175	.7959	.0022	.0051	27.27
#2	69.07	.0156	.1466	.7970	.0022	.0026	27.33

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.851	.0767	46.39	228.4	.0886	41.00	2.487
SDev	.008	.0047	.28	.1	.0166	.20	.001
%RSD	.2864	6.127	.5962	.0614	18.72	.4905	.0332
#1	2.857	.0801	46.19	228.5	.0769	40.86	2.487
#2	2.845	.0734	46.59	228.3	.1003	41.15	2.486

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1544	24.99	L-.1002	.0046	.4170	.0239	.3992
SDev	.0024	.71	.0369	.0000	.0022	.0185	.0025
%RSD	1.557	2.847	-36.77	.8426	.5284	77.50	.6345
#1	.1527	24.49	-.0742	.0046	.4154	.0108	.3975
#2	.1561	25.50	L-.1263	.0047	.4186	.0370	.4010

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5153	.0562	.1392	-.0146	6.341	10.53	.3921
SDev	.0006	.0121	.0034	.0040	.018	.01	.0067
%RSD	.1229	21.51	2.428	-27.38	.2779	.1328	1.717
#1	.5149	.0647	.1368	-.0118	6.354	10.54	.3968
#2	.5158	.0476	.1416	-.0174	6.329	10.52	.3873

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm

Avge	.0915	11.48	.0762	.0278	104.4	-.0282
SDev	.0002	.00	.0552	.0007	.2	.0374
%RSD	.2362	.0290	72.50	2.359	.2345	-132.6
#1	.0917	11.48	.1152	.0283	104.2	-.0547
#2	.0914	11.48	.0371	.0274	104.5	-.0018

Method: CLP_Y Sample Name: MFQ331 Operator: DLS
Run Time: 02/14/92 11:00:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.53	.0211	.0628	.3235	.0019	.0004	43.73
SDev	.03	.0060	.0217	.0004	.0000	.0003	.03
%RSD	.0884	28.19	34.50	.1176	.0875	75.14	.0647
#1	39.51	.0253	.0781	.3237	.0019	.0002	43.71
#2	39.56	.0169	.0475	.3232	.0019	.0006	43.75

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3014	.0348	2.576	114.5	.2539	20.54	1.777
SDev	.0039	.0009	.024	.0	.0083	.04	.001
%RSD	1.291	2.701	.9287	.0003	3.257	.1762	.0454
#1	.3041	.0355	2.593	114.5	.2480	20.52	1.777
#2	.2986	.0341	2.560	114.5	.2597	20.57	1.778

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0795	13.58	-.0439	.0047	.3875	.0176	.2051
SDev	.0133	.15	.0373	.0013	.0074	.0180	.0003
%RSD	16.77	1.138	-85.10	26.78	1.917	102.3	.1453
#1	.0890	13.69	-.0175	.0038	.3927	.0049	.2053
#2	.0701	13.47	-.0702	.0056	.3822	.0304	.2049

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2511	.0543	.0711	-.0060	3.415	10.40	.7809
SDev	.0001	.0054	.0004	.0041	.043	.03	.0305
%RSD	.0563	9.948	.5945	-68.20	1.272	.2852	3.909
#1	.2512	.0581	.0714	-.0089	3.446	10.38	.7593
#2	.2510	.0505	.0708	-.0031	3.384	10.42	.8025

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1292	6.024	.0650	.0303	103.6	-.0310
SDev	.0007	.007	.0084	.0005	.1	.0097
%RSD	.5524	.1173	12.99	1.740	.1146	-31.14
#1	.1297	6.029	.0709	.0299	103.6	-.0242
#2	.1287	6.019	.0590	.0307	103.7	-.0379

Method: CLP_Y Sample Name: MFQ332 Operator: DLS
Run Time: 02/14/92 11:03:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.88	.0150	.0574	.8692	.0010	-.0007	59.91
SDev	.12	.0031	.0009	.0002	.0007	.0000	.26
%RSD	.3917	20.35	1.615	.0270	73.45	-2.209	.4302
#1	31.80	.0128	.0567	.8691	.0015	-.0007	59.73
#2	31.97	.0172	.0580	.8694	.0005	-.0007	60.09

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0350	.0226	.1362	69.90	.0146	15.16	1.270
SDev	.0000	.0008	.0041	.05	.0236	.09	.001
%RSD	.0384	3.559	3.003	.0722	161.9	.6059	.0913
#1	.0350	.0232	.1391	69.87	.0313	15.09	1.269
#2	.0350	.0220	.1333	69.94	-.0021	15.22	1.271

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0275	12.54	-.0472	.0015	.3657	-.0024	.1444
SDev	.0020	.45	.0080	.0001	.0024	.0028	.0016
%RSD	7.352	3.570	-16.89	4.300	.6418	-115.8	1.086
#1	.0289	12.23	-.0528	.0015	.3641	-.0004	.1433
#2	.0261	12.86	-.0415	.0016	.3674	-.0044	.1455

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1518	.0563	.0432	-.0071	1.733	10.05	.2111
SDev	.0005	.0015	.0005	.0028	.017	.07	.0100
%RSD	.2941	2.620	1.046	-39.40	.9771	.7367	4.721
#1	.1515	.0552	.0429	-.0051	1.745	10.00	.2181
#2	.1521	.0573	.0435	-.0090	1.721	10.11	.2040

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1983	3.072	.0490	.0375	103.6	-.0162
SDev	.0000	.002	.0470	.0007	.3	.0056
%RSD	.0213	.0506	95.93	1.820	.2674	-34.48
#1	.1984	3.071	.0822	.0371	103.8	-.0201
#2	.1983	3.073	.0158	.0380	103.4	-.0122

Method: CLP_Y Sample Name: MFQ333 Operator: DLS
Run Time: 02/14/92 11:06:43
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.19	.0244	.1164	.4915	.0015	-.0014	65.50
SDev	.10	.0080	.0144	.0014	.0000	.0017	.04
%RSD	.1669	32.70	12.37	.2877	2.179	-116.1	.0643
#1	58.12	.0187	.1266	.4905	.0015	-.0026	65.53
#2	58.26	.0300	.1062	.4925	.0014	-.0003	65.47

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.815	.0282	.5248	149.6	.0418	24.71	1.421
SDev	.002	.0024	.0018	.0	.0091	.07	.001
%RSD	.0855	8.563	.3433	.0019	21.70	.2924	.0687
#1	2.817	.0299	.5261	149.6	.0354	24.66	1.420
#2	2.813	.0265	.5236	149.6	.0483	24.76	1.421

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0634	18.67	-.0383	-.0017	1.494	.0224	.2532
SDev	.0076	.05	.0060	.0012	.013	.0010	.0015
%RSD	11.91	.2906	-15.67	-72.18	.8968	4.330	.5717
#1	.0687	18.63	-.0426	-.0008	1.485	.0231	.2522
#2	.0581	18.71	-.0341	-.0026	1.504	.0217	.2542

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2367	.4034	.0847	-.0091	3.795	11.48	.2488
SDev	.0020	.0031	.0020	.0010	.106	.04	.1059
%RSD	.8255	.7766	2.413	-11.09	2.806	.3251	42.57
#1	.2353	.4012	.0833	-.0084	3.719	11.45	.1739
#2	.2381	.4056	.0862	-.0098	3.870	11.50	.3237

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1928	7.170	-.0170	.0448	105.1	.0035
SDev	.0000	.004	.0163	.0006	1.2	.0035
%RSD	.0040	.0612	-95.58	1.240	1.154	100.3
#1	.1928	7.167	-.0055	.0452	104.2	.0010
#2	.1928	7.173	-.0285	.0444	106.0	.0060

Method: CLP_Y Sample Name: ~~ICV~~/CCV Operator: DLS
Run Time: 02/14/92 11:09:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.013	1.018	.0090	1.967	.4909	.4809	50.02
SDev	.002	.001	.0169	.004	.0017	.0030	.07
%RSD	.1098	.1294	187.1	.1804	.3407	.625	.1392

#1	2.014	1.017	.0209	1.964	.4920	.4831	49.97
#2	2.011	1.019	-.0029	1.969	.4897	.4788	50.06

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4807	.5069	.5170	2.037	4.907	24.56	.4960
SDev	.0018	.0019	.0023	.023	.010	.12	.0005
%RSD	.3699	.3680	.4396	1.134	.2125	.4825	.1027
#1	.4794	.5082	.5154	2.053	4.899	24.48	.4957
#2	.4819	.5055	.5186	2.020	4.914	24.64	.4964

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4764	49.57	-.0376	.4810	49.14	-.0022	.4923
SDev	.0161	2.09	.0210	.0009	1.40	.0026	.0016
%RSD	3.373	4.211	-56.01	.1927	2.848	-120.6	.3240
#1	.4651	48.09	-.0227	.4816	48.15	-.0003	.4912
#2	.4878	51.05	-.0524	.4803	50.13	-.0041	.4934

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.252	-.0040	.0007	-.0064	.0113	-.0188	-.0179
SDev	.004	.0027	.0021	.0042	.0110	.0028	.0535
%RSD	.1195	-68.21	277.5	-64.85	97.35	-14.95	-299.4
#1	3.249	-.0059	.0022	-.0093	.0190	-.0169	.0200
#2	3.255	-.0021	-.0007	-.0035	.0035	-.0208	-.0557

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0157	.0022	.0294	-.0024	102.2	.0069
SDev	.0006	.0016	.0074	.0006	.2	.0118
%RSD	3.815	71.75	25.05	-25.04	.1901	172.0
#1	.0161	.0033	.0242	-.0028	102.1	.0152
#2	.0153	.0011	.0346	-.0019	102.3	-.0015

Method: CLP_Y Sample Name: ~~ICB~~/CCB Operator: DLS
Run Time: 02/14/92 11:12:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0178	.0127	.0090	.0012	-.0005	-.0018	-.1486
SDev	.0060	.0059	.0149	.0004	.0000	.0006	.0174
%RSD	33.92	46.58	165.4	29.25	-2.391	-32.79	-11.69
#1	.0220	.0085	-.0015	.0015	-.0005	-.0022	-.1364
#2	.0135	.0169	.0196	.0010	-.0005	-.0014	-.1609

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.0026	.0006	.0145	-.0127	-.0099	-.0584	.0005
SDev	.0000	.0009	.0022	.0020	.0110	.0090	.0000
%RSD	-1.362	146.7	15.23	-15.46	-110.5	-15.37	.9315
#1	-.0025	.0013	.0161	-.0113	-.0177	-.0520	.0005
#2	-.0026	.0000	.0130	-.0141	-.0022	-.0647	.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0036	.0006	-.0362	.0026	.0215	-.0089	-.0025
SDev	.0085	.2670	.0083	.0000	.0111	.0076	.0000
%RSD	237.3	48100.	-23.07	.9664	51.84	-85.09	-.2306
#1	.0096	.1893	-.0303	.0026	.0293	-.0143	-.0025
#2	-.0024	-.1882	-.0421	.0026	.0136	-.0036	-.0025

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0029	-.0049	-.0005	-.0030	.0202	-.0067	.0082
SDev	.0014	.0068	.0010	.0014	.0421	.0031	.0127
%RSD	48.72	-136.8	-217.6	-46.04	208.7	-45.75	156.0
#1	.0040	-.0097	.0003	-.0040	.0499	-.0045	-.0008
#2	.0019	-.0002	-.0012	-.0020	-.0096	-.0089	.0172

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0000	.0002	.0488	-.0004	101.8	.0104
SDev	.0000	.0000	.0119	.0006	.6	.0078
%RSD	.0000	16.68	24.47	-135.0	.5621	74.73
#1	.0000	.0002	.0572	.0000	101.4	.0049
#2	.0000	.0001	.0403	-.0009	102.2	.0159

Method: CLP_Y Sample Name: MFQ334 Operator: DLS
Run Time: 02/14/92 11:16:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.35	.0067	.0671	.4984	.0015	.0210	36.72
SDev	.09	.0090	.0742	.0012	.0015	.0026	.12
%RSD	.2365	135.8	110.5	.2354	100.6	12.51	.3311
#1	39.28	.0003	.1196	.4992	.0025	.0191	36.64
#2	39.41	.0130	.0147	.4975	.0004	.0228	36.81

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.334	.0342	20.05	201.4	.2702	21.22	1.502
SDev	.004	.0033	.01	.3	.0200	.06	.001
%RSD	.1791	9.626	.0463	.1458	7.417	.2971	.0795
#1	2.331	.0365	20.04	201.2	.2843	21.18	1.501
#2	2.337	.0319	20.05	201.6	.2560	21.26	1.503

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1230	14.68	-.0526	.0043	.7371	.0324	.2544
SDev	.0077	.09	.0387	.0013	.0043	.0220	.0028
%RSD	6.219	.6358	-73.64	30.83	.5860	67.92	1.084
#1	.1176	14.74	-.0252	.0033	.7340	.0480	.2525
#2	.1284	14.61	-.0800	.0052	.7401	.0169	.2564

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8334	.1616	.0734	.0035	4.076	10.87	.8648
SDev	.0071	.0112	.0000	.0015	.069	.03	.0352
%RSD	.8561	6.911	.0534	41.59	1.682	.2515	4.075
#1	.8283	.1695	.0734	.0045	4.125	10.85	.8897
#2	.8384	.1537	.0734	.0025	4.028	10.89	.8399

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1067	7.402	.0785	.0313	103.0	-.0025
SDev	.0011	.015	.0102	.0008	.5	.0581
%RSD	1.069	.2029	12.95	2.452	.5240	-2317.
#1	.1075	7.392	.0856	.0308	103.4	.0386
#2	.1059	7.413	.0713	.0319	102.6	-.0436

Method: CLP_Y Sample Name: MFQ334D Operator: DLS
Run Time: 02/14/92 11:19:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.31	.0229	.0906	.4745	.0011	.0199	60.16
SDev	.02	.0050	.0009	.0023	.0007	.0018	.24
%RSD	.0616	22.01	.9432	.4803	63.42	9.184	.3960
#1	40.33	.0265	.0912	.4761	.0016	.0212	59.99
#2	40.29	.0193	.0900	.4729	.0006	.0186	60.33

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.733	.0361	25.44	190.5	.2866	27.02	1.809
SDev	.007	.0031	.13	.6	.0161	.04	.004
%RSD	.2575	8.663	.5257	.3050	5.602	.1475	.2132
#1	2.728	.0383	25.54	190.1	.2753	27.05	1.807
#2	2.738	.0339	25.35	190.9	.2980	27.00	1.812

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1533	13.95	-.0816	.0039	.9024	.0186	.2320
SDev	.0011	.72	.0378	.0014	.0244	.0166	.0043
%RSD	.7431	5.159	-46.32	36.09	2.699	89.24	1.865

#1	.1541	14.46	-.0549	.0029	.9196	.0068	.2290
#2	.1525	13.44	L-.1084	.0049	.8852	.0303	.2351

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.445	.2008	.0756	.0027	4.371	12.79	.9571
SDev	.018	.0016	.0022	.0050	.107	.10	.0478
%RSD	1.243	.8026	2.910	181.9	2.453	.7995	4.991
#1	1.432	.1997	.0771	-.0008	4.295	12.72	.9909
#2	1.457	.2019	.0740	.0062	4.446	12.86	.9234

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1243	6.838	.0235	.0400	104.0	.0130
SDev	.0009	.007	.0225	.0003	2.1	.0139
%RSD	.6820	.1069	95.80	.8027	2.035	107.0
#1	.1249	6.843	.0394	.0398	105.5	.0228
#2	.1237	6.833	.0076	.0403	102.5	.0032

Method: CLP_Y Sample Name: MFQ334L Operator: DLS
Run Time: 02/14/92 11:22:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.221	.0073	.0174	.1040	-.0009	.0025	7.530
SDev	.053	.0206	.0173	.0002	.0000	.0026	.048
%RSD	.6467	280.7	99.16	.2334	-4.068	102.7	.6353
#1	8.183	-.0072	.0296	.1042	-.0009	.0007	7.496
#2	8.259	.0219	.0052	.1038	-.0009	.0043	7.564

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4836	.0082	4.211	42.42	.0407	4.383	.3147
SDev	.0009	.0011	.010	.06	.0094	.024	.0019
%RSD	.1810	12.90	.2273	.1414	23.11	.5429	.5985
#1	.4842	.0075	4.204	42.38	.0340	4.367	.3134
#2	.4830	.0090	4.218	42.47	.0473	4.400	.3161

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0257	3.119	-.0436	.0004	.1883	-.0192	.0513
SDev	.0088	.146	.0328	.0013	.0099	.0093	.0020
%RSD	34.37	4.681	-75.25	301.7	5.275	-48.25	3.826
#1	.0319	3.016	-.0668	-.0005	.1813	-.0127	.0500
#2	.0195	3.222	-.0204	.0013	.1954	-.0258	.0527

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.1764	.0614	.0164	-.0043	.8196	2.299	.1981
SDev	.0008	.0035	.0009	.0028	.0891	.025	.0109
%RSD	.4508	5.621	5.174	-65.96	10.87	1.100	5.503
#1	.1758	.0590	.0170	-.0023	.7565	2.281	.1904
#2	.1770	.0639	.0158	-.0062	.8826	2.317	.2058

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0228	1.510	.0062	.0058	103.1	-.0012
SDev	.0003	.002	.0294	.0005	1.1	.0140
%RSD	1.403	.1625	475.4	8.530	1.078	-1213.
#1	.0230	1.508	-.0146	.0062	103.9	.0087
#2	.0225	1.512	.0270	.0055	102.3	-.0110

Method: CLP_Y Sample Name: MFQ334S Operator: DLS
Run Time: 02/14/92 11:25:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.43	.2198	2.060	2.417	.0495	.0568	51.81
SDev	.08	.0007	.004	.004	.0002	.0043	.12
%RSD	.1822	.2988	.2073	.1651	.3587	7.473	.2249
#1	41.49	.2202	2.057	2.420	.0497	.0538	51.89
#2	41.38	.2193	2.063	2.414	.0494	.0598	51.73

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.379	.5263	23.77	183.4	.9464	22.93	1.895
SDev	.006	.0043	.02	.3	.0246	.02	.006
%RSD	.2497	.8210	.0821	.1549	2.598	.0832	.3030
#1	2.383	.5293	23.76	183.6	.9638	22.95	1.899
#2	2.375	.5232	23.79	183.2	.9290	22.92	1.891

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5964	13.16	1.792	.0421	.7812	1.965	.7366
SDev	.0044	.01	.026	.0002	.0050	.006	.0026
%RSD	.7422	.0523	1.446	.3603	.6333	.2865	.3552
#1	.5933	13.17	1.811	.0422	.7847	1.961	.7347
#2	.5995	13.16	1.774	.0420	.7778	1.969	.7384

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.220	.1687	.0702	.0027	3.643	10.21	.9250
SDev	.003	.0008	.0008	.0041	.078	.01	.0017
%RSD	.2395	.4728	1.138	154.4	2.136	.1026	.1854
#1	1.222	.1681	.0697	-.0002	3.698	10.22	.9238
#2	1.218	.1692	.0708	.0056	3.588	10.20	.9262

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1107	6.141	.0088	.0305	104.1	1.961
SDev	.0003	.006	.0114	.0001	.3	.012
%RSD	.3054	.0945	129.8	.3489	.3110	.6163
#1	.1110	6.145	.0007	.0306	103.9	1.970
#2	.1105	6.137	.0169	.0305	104.4	1.953

Method: CLP_Y Sample Name: MFQ335 Operator: DLS
Run Time: 02/14/92 11:28:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.81	.0094	.0621	.2424	.0010	-.0018	45.95
SDev	.01	.0115	.0100	.0008	.0000	.0031	.01
%RSD	.0658	122.6	16.15	.3117	.0907	-174.4	.0183
#1	20.80	.0012	.0550	.2419	.0010	.0004	45.94
#2	20.82	.0175	.0692	.2430	.0010	-.0040	45.96

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0425	.0332	.2140	100.3	.1923	12.80	1.010
SDev	.0043	.0021	.0106	.0	.0126	.01	.003
%RSD	10.16	6.380	4.948	.0129	6.536	.1063	.2858
#1	.0455	.0317	.2215	100.3	.1834	12.80	1.012
#2	.0394	.0347	.2065	100.3	.2012	12.81	1.008

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0308	7.248	-.0574	-.0025	.4461	.0158	.1809
SDev	.0037	.139	.0096	.0013	.0175	.0173	.0019
%RSD	11.88	1.921	-16.65	-50.32	3.920	109.7	1.066
#1	.0334	7.150	-.0641	-.0016	.4338	.0280	.1823
#2	.0282	7.347	-.0506	-.0034	.4585	.0035	.1796

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2730	.0440	.0418	-.0044	3.900	7.609	.3058
SDev	.0019	.0057	.0010	.0012	.036	.016	.0107
%RSD	.7002	13.04	2.272	-26.15	.9315	.2134	3.504
#1	.2744	.0480	.0411	-.0036	3.925	7.620	.2982
#2	.2717	.0399	.0424	-.0053	3.874	7.597	.3133

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0930	5.673	.0638	.0151	105.4	.0100
SDev	.0002	.004	.0098	.0002	1.0	.0138
%RSD	.2595	.0739	15.31	1.263	.9352	137.4

#1	.0928	5.670	.0569	.0153	104.7	.0003
#2	.0932	5.676	.0708	.0150	106.1	.0197

Method: CLP_Y Sample Name: MFQ336 Operator: DLS
Run Time: 02/14/92 11:31:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.87	.0240	.1645	.7641	.0022	.0013	87.22
SDev	.12	.0152	.0067	.0036	.0001	.0015	.35
%RSD	.1394	63.30	4.063	.4684	3.169	109.8	.3960
#1	83.95	.0347	.1692	.7615	.0022	.0024	87.46
#2	83.78	.0133	.1597	.7666	.0021	.0003	86.97

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4075	.0826	24.84	248.1	.5753	55.48	4.289
SDev	.0014	.0011	.08	.2	.0052	.09	.009
%RSD	.3386	1.309	.3103	.0890	.8968	.1620	.2175
#1	.4084	.0833	24.79	248.2	.5789	55.54	4.296
#2	.4065	.0818	24.90	247.9	.5716	55.42	4.283

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0843	40.79	L-.1368	.0019	2.026	.0445	.4590
SDev	.0090	.57	.0614	.0037	.010	.0036	.0000
%RSD	10.72	1.407	-44.84	193.7	.4799	8.007	.0074
#1	.0779	41.20	L-.1802	-.0007	2.033	.0419	.4590
#2	.0907	40.39	-.0935	.0045	2.019	.0470	.4590

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8903	.0602	.1730	-.0169	8.790	11.11	.9665
SDev	.0067	.0049	.0010	.0007	.187	.09	.0760
%RSD	.7469	8.123	.5588	-3.979	2.130	.8150	7.858
#1	.8950	.0637	.1723	-.0174	8.657	11.17	.9128
#2	.8856	.0568	.1737	-.0164	8.922	11.05	1.020

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1855	17.84	.0331	.0325	106.5	-.0023
SDev	.0003	.02	.0370	.0011	1.4	.0097
%RSD	.1730	.1305	112.0	3.501	1.358	-419.8
#1	.1858	17.82	.0592	.0333	105.5	-.0092
#2	.1853	17.86	.0069	.0317	107.5	.0045

Method: CLP_Y Sample Name: MFQ337 Operator: DLS
Run Time: 02/14/92 11:35:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.98	.0109	.0510	.2090	.0002	-.0006	76.64
SDev	.01	.0034	.0235	.0005	.0000	.0003	.19
%RSD	.0458	31.37	46.13	.2192	16.08	-53.93	.2441
#1	24.98	.0085	.0676	.2093	.0001	-.0008	76.50
#2	24.97	.0133	.0343	.2087	.0002	-.0004	76.77

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0838	.0449	.3747	236.4	.0559	16.84	1.580
SDev	.0039	.0016	.0093	.3	.0118	.03	.002
%RSD	4.645	3.545	2.485	.1121	21.06	.1815	.1202
#1	.0811	.0437	.3813	236.2	.0476	16.86	1.579
#2	.0866	.0460	.3682	236.5	.0642	16.82	1.581

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0372	9.144	L-.1414	-.0026	.3561	.0189	.4604
SDev	.0066	.174	.0194	.0000	.0084	.0124	.0014
%RSD	17.70	1.898	-13.74	-1.820	2.358	65.79	.2989
#1	.0419	9.021	L-.1276	-.0026	.3620	.0101	.4614
#2	.0325	9.267	L-.1551	-.0026	.3501	.0276	.4595

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2486	.0401	.0591	-.0090	6.116	6.409	.5768
SDev	.0002	.0005	.0022	.0017	.171	.021	.0820
%RSD	.0779	1.203	3.643	-19.19	2.790	.3330	14.22
#1	.2487	.0397	.0607	-.0078	5.995	6.394	.6348
#2	.2485	.0404	.0576	-.0102	6.237	6.424	.5188

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1664	7.218	.0711	.0149	104.7	.0079
SDev	.0002	.005	.0285	.0014	.9	.0267
%RSD	.0987	.0680	40.08	9.138	.9075	337.2
#1	.1665	7.222	.0510	.0139	105.3	.0268
#2	.1662	7.215	.0913	.0159	104.0	-.0110

Method: CLP_Y Sample Name: MFQ338 Operator: DLS
Run Time: 02/14/92 11:38:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	37.71	.0032	.1125	.3651	.0025	.0008	117.0
SDev	.05	.0032	.0128	.0002	.0007	.0014	.2
%RSD	.1313	101.6	11.41	.0403	28.96	162.1	.1761
#1	37.75	.0009	.1216	.3650	.0031	.0018	117.1
#2	37.68	.0055	.1034	.3652	.0020	-.0001	116.9

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1572	.0858	.7515	448.7	.1562	26.50	2.472
SDev	.0009	.0012	.0038	.0	.0081	.01	.000
%RSD	.5798	1.444	.5033	.0032	5.155	.0236	.0018
#1	.1566	.0867	.7542	448.7	.1506	26.50	2.472
#2	.1579	.0850	.7489	448.7	.1619	26.50	2.472

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0703	15.21	L-.2616	.0000	.5502	.0467	.8994
SDev	.0012	.36	.0265	.0013	.0065	.0284	.0000
%RSD	1.740	2.351	-10.13	51290.	1.172	60.65	.0000
#1	.0695	15.46	L-.2803	-.0009	.5456	.0267	.8994
#2	.0712	14.95	L-.2429	.0009	.5548	.0668	.8994

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3749	.0381	.0815	-.0261	9.539	7.637	1.064
SDev	.0011	.0025	.0012	.0029	.040	.042	.094
%RSD	.2929	6.611	1.423	-11.24	.4157	.5482	8.868
#1	.3741	.0363	.0806	-.0282	9.511	7.667	1.131
#2	.3757	.0398	.0823	-.0241	9.567	7.608	.9973

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.2041	13.66	.0903	.0331	104.0	.0318
SDev	.0005	.00	.0127	.0007	.2	.0069
%RSD	.2368	.0315	14.06	2.104	.2387	21.69
#1	.2044	13.65	.0992	.0336	103.8	.0367
#2	.2037	13.66	.0813	.0326	104.2	.0269

Method: CLP_Y Sample Name: MFQ339 Operator: DLS
Run Time: 02/14/92 11:41:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	I39.04	I-.7610	I-4.171	I.2570	I.0119	I.0587	55.31
SDev	.05	.0042	.000	.0001	.0000	.0015	.01
%RSD	.1361	-.5485	-.0107	.0252	.1941	2.598	.0268
#1	I39.08	I-.7581	I-4.170	I.2570	I.0119	I.0576	55.30
#2	I39.00	I-.7640	I-4.171	I.2569	I.0119	I.0597	55.32

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	I.5107	I-.2895	I.9560	S6565.	I-.4090	I33.11	I3.851
SDev	.0041	.0023	.0029	7.	.0081	.00	.003
%RSD	.8092	-.8085	.2992	.1052	-1.977	.0030	.0684
#1	I.5137	I-.2912	I.9580	S6560.	I-.4147	I33.11	I3.849
#2	I.5078	I-.2879	I.9540	S6570.	I-.4033	I33.11	I3.853

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	I.1188	17.52	I4.929	I.1153	.3355	I-2.096	I.2263
SDev	.0111	.26	.083	.0001	.0029	.015	.0021
%RSD	9.311	1.482	1.685	.0606	.8713	-.7269	.9186
#1	I.1110	17.70	I4.870	I.1153	.3376	I-2.107	I.2277
#2	I.1267	17.33	I4.988	I.1154	.3335	I-2.086	I.2248

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	I-.3897	I-.0585	.0904	I.9699	I10.10	I7.445	I93.16
SDev	.0011	.0144	.0008	.0070	.16	.035	.21
%RSD	-.2889	-24.67	.8431	.7201	1.619	.4743	.2228
#1	I-.3889	I-.0483	.0898	I.9748	I9.982	I7.420	I93.01
#2	I-.3905	I-.0687	.0909	I.9650	I10.21	I7.470	I93.31

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0918	I11.58	I.1197	I-.1958	105.2	I2.610
SDev	.0007	.00	.0485	.0004	.1	.009
%RSD	.7069	.0074	40.49	-.1840	.0992	.3347
#1	.0913	I11.58	I.0854	I-.1960	105.3	I2.616
#2	.0923	I11.58	I.1539	I-.1955	105.1	I2.604

Method: CLP_Y Sample Name: MFQ340 Operator: DLS
Run Time: 02/14/92 11:44:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	I42.46	I-.7245	I-4.028	I.3568	I.0130	I.0617	63.21
SDev	.05	.0108	.043	.0000	.0002	.0047	.00
%RSD	.1097	-1.496	-1.064	.0048	1.557	7.599	.0078
#1	I42.43	I-.7168	I-3.998	I.3568	I.0128	I.0650	63.21
#2	I42.49	I-.7321	I-4.059	I.3568	I.0131	I.0584	63.22

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	I.4873	I-.2476	I1.232	S6644.	I-.3309	I35.43	I4.211
SDev	.0003	.0025	.002	50.	.0109	.06	.008
%RSD	.0591	-.9953	.1727	.7544	-3.300	.1688	.1791

#1	I.4875	I-.2458	I1.234	S6608.	I-.3386	I35.39	I4.205
#2	I.4871	I-.2493	I1.231	S6679.	I-.3232	I35.47	I4.216

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	I.1152	15.63	I4.628	I.1120	.4285	I-1.989	I.7131
SDev	.0036	.34	.065	.0003	.0062	.002	.0118
%RSD	3.132	2.145	1.401	.2784	1.450	-.0985	1.659
#1	I.1126	15.39	I4.674	I.1123	.4241	I-1.990	I.7215
#2	I.1177	15.86	I4.582	I.1118	.4329	I-1.987	I.7048

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	I-.3122	I-.0680	.0934	I.9487	I11.76	I7.937	I91.43
SDev	.0073	.0058	.0007	.0037	.07	.012	.58
%RSD	-2.330	-8.500	.7526	.3862	.5764	.1522	.6317
#1	I-.3071	I-.0639	.0929	I.9513	I11.71	I7.929	I91.03
#2	I-.3174	I-.0721	.0939	I.9461	I11.80	I7.946	I91.84

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1056	I14.50	I.1027	I-.1793	103.9	I2.631
SDev	.0009	.01	.0398	.0025	.8	.010
%RSD	.8344	.0818	38.75	-1.387	.7690	.3676
#1	.1062	I14.51	I.1308	I-.1775	104.4	I2.624
#2	.1049	I14.49	I.0745	I-.1810	103.3	I2.637

Method: CLP_Y Sample Name: ~~ICV~~/CCV Operator: DLS
Run Time: 02/14/92 11:49:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.025	1.016	.0057	1.969	.4884	.4869	50.05
SDev	.007	.002	.0045	.004	.0005	.0056	.04
%RSD	.3278	.1723	78.62	.2278	.1003	1.150	.0807
#1	2.030	1.017	.0025	1.972	.4880	.4830	50.02
#2	2.021	1.015	.0088	1.966	.4887	.4909	50.08

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4727	.5026	.4898	2.166	4.918	24.59	.4959
SDev	.0028	.0018	.0010	.015	.024	.07	.0006
%RSD	.5894	.3667	.1981	.6871	.4933	.2664	.1127
#1	.4708	.5039	.4905	2.176	4.935	24.63	.4956
#2	.4747	.5013	.4891	2.155	4.901	24.54	.4963

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.4991	49.99	-.0310	.4846	49.33	-.0220	.4895
SDev	.0105	1.07	.0038	.0009	.73	.0024	.0004
%RSD	2.108	2.135	-12.25	.1848	1.486	-10.73	.0821
#1	.5066	50.74	-.0337	.4840	49.85	-.0237	.4898
#2	.4917	49.23	-.0283	.4853	48.81	-.0204	.4892

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.250	-.0049	-.0017	-.0015	.0703	-.0222	-.0267
SDev	.010	.0067	.0007	.0027	.0784	.0068	.0275
%RSD	.2980	-134.6	-41.53	-176.8	111.5	-30.70	-102.8
#1	3.244	-.0096	-.0012	.0004	.1258	-.0174	-.0073
#2	3.257	-.0002	-.0022	-.0035	.0149	-.0271	-.0461

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0159	.0015	.0201	-.0023	103.7	.0070
SDev	.0001	.0007	.0365	.0006	.7	.0018
%RSD	.6894	46.15	181.7	-24.17	.6974	26.05
#1	.0158	.0020	.0459	-.0027	104.2	.0083
#2	.0160	.0010	-.0057	-.0019	103.2	.0057

Method: CLP_Y Sample Name: ~~ICB~~/CCB Operator: DLS
Run Time: 02/14/92 11:53:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0121	.0148	-.0012	.0017	-.0005	.0011	-.1450
SDev	.0028	.0029	.0023	.0004	.0000	.0015	.0133
%RSD	23.00	19.29	-197.0	20.80	-5.373	138.4	-9.174
#1	.0101	.0168	-.0028	.0019	-.0005	.0000	-.1356
#2	.0140	.0128	.0005	.0014	-.0005	.0021	-.1544

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0045	-.0007	-.0054	.0215	-.0115	-.0532	.0010
SDev	.0008	.0027	.0007	.0056	.0043	.0039	.0007
%RSD	-17.48	-401.7	-12.38	25.81	-37.30	-7.292	71.33
#1	-.0051	.0012	-.0050	.0254	-.0085	-.0505	.0015
#2	-.0039	-.0026	-.0059	.0176	-.0146	-.0559	.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0070	-.1685	-.0387	.0007	.0421	-.0289	.0010
SDev	.0007	.0398	.0546	.0025	.0028	.0067	.0026
%RSD	10.15	-23.66	-141.1	339.5	6.574	-23.33	265.6
#1	.0076	-.1403	-.0001	.0025	.0441	-.0241	.0028
#2	.0065	-.1966	L-.0774	-.0010	.0402	-.0336	-.0009

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0025	-.0021	.0007	-.0020	-.0137	-.0081	.0186
SDev	.0022	.0001	.0014	.0028	.0370	.0015	.0257
%RSD	87.36	-2.377	185.3	-137.4	-271.1	-18.54	138.0
#1	.0040	-.0021	-.0002	-.0001	.0125	-.0071	.0368
#2	.0009	-.0022	.0017	-.0040	-.0399	-.0092	.0004

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0004	.0001	.0283	-.0025	103.0	-.0045
SDev	.0006	.0000	.0506	.0000	.4	.0010
%RSD	141.4	6.933	178.9	-.3166	.3459	-21.60
#1	.0008	.0001	.0641	-.0025	102.7	-.0052
#2	.0000	.0001	-.0075	-.0025	103.2	-.0038

Method: CLP_Y Sample Name: PBS Operator: DLS
Run Time: 02/14/92 11:56:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0238	.0045	.0048	-.0003	-.0005	-.0028	-.2175
SDev	.0132	.0001	.0078	.0004	.0001	.0025	.0037
%RSD	55.56	2.830	161.3	-140.1	-13.70	-86.40	-1.714
#1	.0144	.0046	-.0007	-.0005	-.0004	-.0011	-.2148
#2	.0331	.0045	.0103	.0000	-.0005	-.0046	-.2201

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0012	-.0076	-.0225	-.0159	-.0937	-.0005
SDev	.0016	.0001	.0017	.0016	.0154	.0005	.0000
%RSD	-212.9	5.189	-22.97	-7.236	-96.97	-.5112	-.4698
#1	.0004	.0012	-.0088	-.0237	-.0268	-.0933	-.0005
#2	-.0019	.0013	-.0064	-.0213	-.0050	-.0940	-.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0201	-.1144	-.0181	-.0010	.0259	-.0088	-.0026
SDev	.0011	.1238	.0082	.0001	.0017	.0118	.0025
%RSD	5.447	-108.2	-45.25	-5.262	6.364	-134.2	-96.10
#1	.0193	-.2020	-.0239	-.0011	.0248	-.0172	-.0043
#2	.0208	-.0269	-.0123	-.0010	.0271	-.0005	-.0008

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0040	.0294	.0005	-.0011	-.0452	.1116	-.0047
SDev	.0001	.0005	.0017	.0041	.0334	.0037	.0161
%RSD	3.211	1.542	332.5	-370.5	-74.00	3.281	-344.0

#1	.0039	.0298	-.0007	.0018	-.0688	.1090	.0067
#2	.0041	.0291	.0017	-.0040	-.0215	.1142	-.0161

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0000	-.0007	.0054	-.0004	102.2	.0092
SDev	.0000	.0005	.0264	.0006	2.4	.0094
%RSD	.0000	-74.61	492.5	-138.1	2.380	101.6
#1	.0000	-.0010	-.0133	-.0009	103.9	.0026
#2	.0000	-.0003	.0241	.0000	100.5	.0158

Method: CLP_Y Sample Name: LCSS Operator: DLS
Run Time: 02/14/92 11:59:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.773	1.227	5.288	.0262	.1018	.2133	968.0
SDev	.004	.029	.023	.0005	.0002	.0019	1.6
%RSD	.2274	2.325	.4431	1.968	.1832	.9004	.1662
#1	1.770	1.207	5.304	.0258	.1020	.2119	966.9
#2	1.776	1.248	5.271	.0266	.1017	.2146	969.2

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4906	.7586	35.47	116.5	1.136	579.6	1.039
SDev	.0033	.0025	.14	.3	.020	1.9	.003
%RSD	.6693	.3260	.3945	.2247	1.795	.3208	.2799
#1	.4883	.7568	35.57	116.3	1.122	580.9	1.037
#2	.4930	.7603	35.37	116.6	1.151	578.3	1.041

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3010	.0552	.1976	.1033	.1847	.2416	.3657
SDev	.0064	.0256	.0493	.0020	.0008	.0263	.0009
%RSD	2.122	46.39	24.98	1.885	.4557	10.87	.2345
#1	.3055	.0371	.1627	.1020	.1853	.2601	.3651
#2	.2964	.0733	.2325	.1047	.1841	.2230	.3663

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8940	.0586	.0003	.2557	.6171	3.991	.3646
SDev	.0065	.0098	.0007	.0014	.0342	.011	.0264
%RSD	.7259	16.66	279.0	.5472	5.535	.2800	7.235
#1	.8894	.0654	-.0003	.2547	.5929	3.999	.3459
#2	.8986	.0517	.0008	.2566	.6412	3.983	.3832

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm

Avge	.2729	.1006	.1535	.0155	97.60	5.305
SDev	.0008	.0006	.0014	.0007	.56	.032
%RSD	.3029	.6195	.9121	4.628	.5789	.6122
#1	.2735	.1002	.1545	.0150	98.00	5.328
#2	.2723	.1010	.1525	.0161	97.20	5.282

Method: CLP_Y Sample Name: MYH398 Operator: DLS
Run Time: 02/14/92 12:04:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.89	.0224	.1321	.7384	.0016	-.0015	103.1
SDev	.20	.0082	.0046	.0068	.0000	.0001	.0
%RSD	.2821	36.68	3.449	.9180	.1072	-5.319	.0365
#1	69.75	.0166	.1289	.7336	.0016	-.0015	103.1
#2	70.03	.0282	.1353	.7432	.0016	-.0016	103.1

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7358	.0425	.2100	122.0	.0856	38.61	3.505
SDev	.0029	.0011	.0034	.1	.0050	.20	.001
%RSD	.3922	2.548	1.614	.1118	5.811	.5142	.0215
#1	.7378	.0433	.2124	121.9	.0891	38.47	3.506
#2	.7337	.0418	.2076	122.1	.0821	38.75	3.505

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0879	20.51	-.0889	-.0034	20.13	.0214	.2149
SDev	.0079	.55	.0056	.0001	.63	.0103	.0050
%RSD	8.995	2.660	-6.309	-1.704	3.127	48.01	2.346
#1	.0823	20.12	-.0849	-.0034	19.69	.0287	.2184
#2	.0935	20.89	-.0929	-.0033	20.58	.0142	.2113

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5676	.0780	.0667	-.0026	14.31	10.60	.3054
SDev	.0008	.0014	.0021	.0039	.16	.03	.0828
%RSD	.1366	1.780	3.165	-151.3	1.138	.2936	27.12
#1	.5670	.0770	.0652	.0002	14.19	10.63	.2468
#2	.5681	.0789	.0682	-.0053	14.42	10.58	.3640

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.3983	7.819	.0360	.0041	102.8	-.0207
SDev	.0027	.020	.0510	.0001	1.5	.0314
%RSD	.6800	.2619	141.7	3.417	1.459	-151.5
#1	.3964	7.805	.0721	.0042	101.8	-.0429
#2	.4003	7.834	-.0001	.0040	103.9	.0015

Method: CLP_Y Sample Name: MYH398D Operator: DLS
Run Time: 02/14/92 12:07:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.34	.0282	.1581	.7752	.0016	-.0024	110.8
SDev	.07	.0001	.0252	.0012	.0000	.0011	.1
%RSD	.1051	.3543	15.94	.1543	.0629	-44.88	.0650
#1	70.39	.0283	.1759	.7761	.0016	-.0032	110.7
#2	70.29	.0282	.1403	.7744	.0016	-.0017	110.8

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8039	.0424	.2044	124.0	.1016	38.93	3.815
SDev	.0019	.0046	.0004	.1	.0069	.08	.001
%RSD	.2364	10.80	.2146	.0944	6.801	.2026	.0304
#1	.8053	.0391	.2041	124.1	.0968	38.99	3.815
#2	.8026	.0456	.2047	123.9	.1065	38.87	3.814

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0772	20.22	-.0437	-.0016	20.75	.0127	.2157
SDev	.0036	.02	.0081	.0000	.10	.0118	.0005
%RSD	4.687	.1101	-18.46	-.4089	.4898	93.05	.2436
#1	.0746	20.23	-.0495	-.0016	20.82	.0211	.2154
#2	.0797	20.20	-.0380	-.0016	20.68	.0043	.2161

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6126	.0901	.0669	.0016	16.10	10.57	.2890
SDev	.0062	.0055	.0005	.0094	.04	.02	.0347
%RSD	1.014	6.106	.6999	604.9	.2574	.2122	12.01
#1	.6083	.0862	.0666	-.0051	16.07	10.59	.2644
#2	.6170	.0939	.0673	.0082	16.13	10.56	.3135

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.4254	7.747	.0364	.0040	104.1	-.0407
SDev	.0009	.004	.0084	.0000	.2	.0359
%RSD	.1990	.0507	23.07	.4102	.1936	-88.34
#1	.4260	7.749	.0305	.0040	104.2	-.0153
#2	.4248	7.744	.0423	.0040	103.9	-.0661

Method: CLP_Y Sample Name: MYH398L Operator: DLS
Run Time: 02/14/92 12:10:47
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.90	.0076	.0300	.1484	-.0004	-.0009	20.61
SDev	.03	.0118	.0124	.0002	.0007	.0021	.03
%RSD	.2517	155.6	41.37	.1134	-199.6	-233.9	.1259
#1	13.93	.0159	.0212	.1485	.0001	-.0024	20.63
#2	13.88	-.0008	.0387	.1482	-.0009	.0006	20.59

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1470	.0098	.0413	25.01	.0189	7.659	.7117
SDev	.0019	.0001	.0004	.00	.0214	.003	.0003
%RSD	1.259	.5324	1.026	.0041	113.6	.0412	.0409
#1	.1457	.0098	.0416	25.01	.0340	7.656	.7115
#2	.1483	.0099	.0410	25.01	.0037	7.661	.7119

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0237	3.970	-.0331	-.0008	4.160	-.0099	.0432
SDev	.0021	.019	.0293	.0000	.080	.0071	.0011
%RSD	9.053	.4886	-88.44	-.9742	1.930	-71.41	2.474
#1	.0221	3.984	-.0124	-.0008	4.216	-.0149	.0440
#2	.0252	3.956	-.0538	-.0008	4.103	-.0049	.0425

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1152	.0427	.0144	-.0047	2.841	2.240	.0942
SDev	.0004	.0052	.0004	.0041	.039	.001	.0158
%RSD	.3626	12.06	2.693	-86.58	1.378	.0380	16.81
#1	.1149	.0464	.0141	-.0076	2.814	2.239	.0830
#2	.1155	.0391	.0147	-.0018	2.869	2.240	.1054

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0807	1.563	.0434	-.0005	103.7	.0019
SDev	.0003	.000	.0022	.0006	.4	.0113
%RSD	.3519	.0023	5.078	-122.5	.3470	609.3
#1	.0809	1.563	.0419	-.0009	103.9	-.0061
#2	.0805	1.563	.0450	-.0001	103.4	.0099

Method: CLP_Y Sample Name: MYH398S Operator: DLS
Run Time: 02/14/92 12:13:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.72	.2152	2.155	2.797	.0521	.0467	107.6
SDev	.24	.0061	.051	.003	.0007	.0000	.2
%RSD	.3247	2.825	2.388	.1035	1.285	.0093	.1926

#1	72.56	.2195	2.119	2.795	.0516	.0467	107.4
#2	72.89	.2109	2.191	2.799	.0526	.0467	107.7

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.023	.5465	.4351	126.1	.5970	39.40	4.043
SDev	.005	.0042	.0035	.0	.0013	.16	.002
%RSD	.4535	.7590	.7961	.0112	.2165	.3957	.0565
#1	1.027	.5495	.4326	126.1	.5960	39.29	4.042
#2	1.020	.5436	.4375	126.1	.5979	39.51	4.045

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5781	21.13	1.901	.0483	21.17	2.022	.7241
SDev	.0055	.19	.014	.0000	.11	.038	.0009
%RSD	.9474	.8866	.7592	.0275	.5273	1.898	.1173
#1	.5820	20.99	1.912	.0483	21.09	1.995	.7247
#2	.5742	21.26	1.891	.0483	21.25	2.049	.7235

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.099	.0864	.0692	-.0016	14.86	11.73	.2505
SDev	.007	.0092	.0001	.0014	.16	.00	.0076
%RSD	.6697	10.65	.1028	-85.98	1.076	.0148	3.033
#1	1.094	.0799	.0693	-.0006	14.74	11.73	.2452
#2	1.104	.0929	.0692	-.0026	14.97	11.73	.2559

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.4218	7.560	.0233	.0026	103.9	1.975
SDev	.0004	.000	.0324	.0012	.1	.064
%RSD	.1032	.0031	138.7	44.79	.1039	3.234
#1	.4221	7.559	.0462	.0034	103.8	1.929
#2	.4215	7.560	.0005	.0018	103.9	2.020

Method: CLP_Y Sample Name: ~~MYH399~~ ZZZZZZ Operator: DLS
Run Time: 02/14/92 12:17:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.31	L-.9793	L-4.414	.1246	1.504	.6325	3.264
SDev	1.66	1.5460	1.505	.1770	.247	.4089	3.965
%RSD	10.83	-157.9	-34.09	142.0	16.45	64.65	121.5
#1	16.49	.1138	L-5.478	.2498	1.329	.3434	6.068
#2	14.14	L-2.073	L-3.350	-.0005	1.679	.9217	.4606

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.0733	.1678	1.820	7.782	.8180	.9370	.1322
SDev	.3318	.2453	.232	3.963	2.319	3.993	.1876
%RSD	452.6	146.2	12.77	50.92	283.5	426.2	141.9
#1	.3079	-.0056	1.656	10.58	L-.8221	3.761	.2648
#2	L-.1613	.3413	1.984	4.980	2.458	-1.887	-.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1164	228.5	L-3.011	L-.4799	17.16	73.47	-.0009
SDev	.1880	6.0	6.572	.0277	.63	1.19	.0174
%RSD	161.5	2.622	-218.3	-5.764	3.693	1.621	-1833.
#1	-.0165	224.3	L-7.658	L-.4603	16.71	72.63	-.0132
#2	.2493	232.7	1.636	L-.4994	17.60	74.31	.0113

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3921	-.0079	-.3835	.2614	-1.042	2.362	-30.42
SDev	.2039	.0056	.0141	.3787	10.143	.263	11.95
%RSD	52.00	-70.40	-3.676	144.9	-973.6	11.15	-39.26
#1	.2479	-.0118	-.3735	-.0064	6.130	2.549	-21.98
#2	.5363	-.0040	-.3934	.5292	-8.214	2.176	-38.87

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	-.2118	2.089	1.154	-.1070	.0051	-2.990
SDev	.0078	.027	8.677	.1492	.0144	.416
%RSD	-3.673	1.296	751.7	-139.4	282.8	-13.91
#1	-.2063	2.108	-4.981	-.2125	.0153	-3.284
#2	-.2173	2.069	7.290	-.0015	-.0051	-2.696

Method: CLP_Y Sample Name: MYH~~401~~399 Operator: DLS
Run Time: 02/14/92 12:20:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.86	.0223	.1570	.8863	.0011	.0008	122.2
SDev	.04	.0086	.0312	.0034	.0007	.0027	.3
%RSD	.0585	38.64	19.85	.3834	64.67	322.3	.2111
#1	68.84	.0283	.1791	.8887	.0006	-.0011	122.0
#2	68.89	.0162	.1350	.8838	.0016	.0028	122.4

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7317	.0533	.2396	120.4	.2003	38.18	3.541
SDev	.0046	.0015	.0007	.0	.0151	.02	.001
%RSD	.6339	2.761	.2985	.0197	7.550	.0548	.0213
#1	.7350	.0522	.2401	120.4	.1896	38.20	3.540
#2	.7284	.0543	.2391	120.4	.2110	38.17	3.541

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0922	21.45	L-.1006	-.0008	25.58	.0108	.2128
SDev	.0154	.27	.0015	.0012	.31	.0038	.0016
%RSD	16.72	1.238	-1.464	-155.2	1.210	35.51	.7699
#1	.1031	21.64	-.0995	.0001	25.80	.0081	.2117
#2	.0813	21.26	L-.1016	-.0016	25.36	.0135	.2140

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9514	.1056	.0667	.0029	15.79	10.16	.2732
SDev	.0054	.0046	.0026	.0012	.05	.03	.0068
%RSD	.5628	4.323	3.887	43.26	.2985	.2846	2.489
#1	.9476	.1089	.0686	.0020	15.75	10.14	.2780
#2	.9552	.1024	.0649	.0037	15.82	10.18	.2683

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.4332	7.578	.0863	.0053	103.6	-.0073
SDev	.0015	.011	.0444	.0006	.7	.0526
%RSD	.3448	.1465	51.47	12.09	.7017	-718.8
#1	.4343	7.586	.1177	.0048	104.1	.0299
#2	.4322	7.570	.0549	.0057	103.1	-.0445

Method: CLP_Y Sample Name: MYH~~402~~ 401 Operator: DLS
Run Time: 02/14/92 12:23:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.12	.0243	.1651	.8672	.0010	.0003	213.3
SDev	.46	.0032	.0200	.0036	.0008	.0029	.9
%RSD	.6692	13.00	12.11	.4156	78.43	1116.	.4220
#1	67.80	.0265	.1792	.8647	.0015	.0023	212.6
#2	68.45	.0221	.1510	.8698	.0004	-.0018	213.9

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1928	.0471	.2187	115.5	.1607	38.20	4.357
SDev	.0027	.0032	.0008	.2	.0090	.34	.011
%RSD	1.379	6.887	.3672	.2036	5.625	.8804	.2515
#1	.1947	.0494	.2192	115.4	.1543	37.96	4.349
#2	.1909	.0448	.2181	115.7	.1671	38.44	4.364

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0917	21.34	-.0600	-.0037	1.369	.0244	.2342
SDev	.0034	.76	.0263	.0001	.048	.0067	.0032
%RSD	3.672	3.562	-43.83	-1.772	3.483	27.42	1.352

#1	.0941	20.81	-.0787	-.0037	1.335	.0291	.2320
#2	.0893	21.88	-.0414	-.0036	1.402	.0197	.2365

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5407	.0623	.0675	.0022	6.474	10.71	.3316
SDev	.0044	.0045	.0034	.0027	.110	.09	.0383
%RSD	.8212	7.231	4.981	122.2	1.703	.8828	11.54
#1	.5376	.0655	.0651	.0040	6.552	10.65	.3046
#2	.5439	.0591	.0698	.0003	6.396	10.78	.3587

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.4994	8.097	.0824	.0078	102.4	.0363
SDev	.0020	.027	.0534	.0013	.6	.0022
%RSD	.4069	.3358	64.75	16.21	.6217	6.163
#1	.4980	8.078	.1201	.0087	102.0	.0348
#2	.5009	8.116	.0447	.0069	102.9	.0379

Method: CLP_Y Sample Name: ~~ICV~~/CCV Operator: DLS
Run Time: 02/14/92 12:26:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.035	1.024	-.0223	1.970	.4910	.4850	50.08
SDev	.008	.010	.0086	.000	.0003	.0004	.04
%RSD	.3701	.9505	-38.82	.0151	.0656	.0852	.0851
#1	2.040	1.031	-.0284	1.971	.4907	.4847	50.11
#2	2.029	1.018	-.0162	1.970	.4912	.4853	50.05

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4804	.5054	.4910	2.043	4.905	24.37	.4955
SDev	.0024	.0025	.0028	.005	.017	.01	.0003
%RSD	.4920	.5029	.5672	.2522	.3428	.0579	.0513
#1	.4787	.5072	.4930	2.046	4.893	24.38	.4953
#2	.4820	.5036	.4891	2.039	4.917	24.36	.4957

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4948	49.51	-.0136	.4795	48.99	-.0218	.4864
SDev	.0044	.26	.0293	.0007	.08	.0191	.0021
%RSD	.8847	.5219	-215.0	.1413	.1675	-87.64	.4404
#1	.4917	49.69	-.0343	.4800	49.05	-.0083	.4879
#2	.4979	49.32	.0071	.4790	48.93	-.0353	.4848

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	3.245	-.0012	.0019	-.0064	.0567	-.0151	-.0141
SDev	.003	.0013	.0004	.0013	.0835	.0002	.0104
%RSD	.0821	-106.7	18.12	-21.02	147.1	-1.464	-73.46
#1	3.247	-.0021	.0022	-.0073	-.0023	-.0150	-.0068
#2	3.244	-.0003	.0017	-.0054	.1158	-.0153	-.0215

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0164	.0032	.0360	-.0019	103.3	-.0261
SDev	.0005	.0016	.0527	.0011	.7	.0082
%RSD	2.775	49.53	146.2	-59.36	.6760	-31.59
#1	.0160	.0043	.0733	-.0011	102.8	-.0319
#2	.0167	.0021	-.0012	-.0027	103.8	-.0203

Method: CLP_Y Sample Name: ~~ICB/~~CCB Operator: DLS
Run Time: 02/14/92 12:29:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0252	.0065	.0145	.0009	-.0009	.0008	-.1764
SDev	.0002	.0029	.0174	.0000	.0007	.0002	.0034
%RSD	.7793	44.80	120.2	.0829	-74.41	26.00	-1.901
#1	.0251	.0044	.0022	.0009	-.0004	.0010	-.1740
#2	.0253	.0085	.0268	.0009	-.0014	.0007	-.1788

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0021	.0012	-.0071	-.0076	-.0147	-.0608	.0010
SDev	.0018	.0000	.0012	.0006	.0085	.0034	.0007
%RSD	-87.54	.3433	-17.41	-7.222	-57.79	-5.647	72.58
#1	-.0034	.0012	-.0080	-.0080	-.0207	-.0583	.0015
#2	-.0008	.0012	-.0063	-.0073	-.0087	-.0632	.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0109	-.1949	-.0004	-.0002	.0191	-.0221	-.0008
SDev	.0090	.0177	.0084	.0013	.0023	.0035	.0024
%RSD	82.48	-9.094	-2112.	-578.3	12.15	-15.73	-303.5
#1	.0172	-.2075	-.0063	.0007	.0208	-.0245	.0009
#2	.0045	-.1824	.0055	-.0011	.0175	-.0196	-.0025

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0024	-.0032	.0000	-.0030	-.0031	-.0097	.0250
SDev	.0007	.0039	.0024	.0041	.0208	.0028	.0029
%RSD	28.08	-124.5	13590.	-134.4	-671.2	-28.64	11.62
#1	.0029	-.0004	-.0016	-.0059	.0116	-.0116	.0230
#2	.0019	-.0059	.0017	-.0001	-.0178	-.0077	.0271

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0000	-.0010	.0117	-.0009	104.6	.0102
SDev	.0000	.0000	.0373	.0000	.1	.0255
%RSD	.0000	-1.048	318.1	-.0109	.0516	248.7
#1	.0000	-.0010	-.0147	-.0009	104.6	-.0078
#2	.0000	-.0011	.0381	-.0009	104.7	.0283

Method: CLP_Y Sample Name: MFQ~~334A~~ 402 Operator: DLS
Run Time: 02/14/92 12:32:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.39	.0166	.1883	.8665	.0016	-.0006	156.5
SDev	.16	.0148	.0634	.0028	.0000	.0000	.1
%RSD	.2231	88.91	33.70	.3209	.1249	-6.235	.0888
#1	71.28	.0062	.2331	.8685	.0016	-.0006	156.4
#2	71.51	.0271	.1434	.8645	.0016	-.0006	156.6

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.472	.0452	.2218	121.8	.0634	41.24	4.523
SDev	.003	.0055	.0002	.0	.0177	.12	.002
%RSD	.0797	12.12	.1093	.0323	27.94	.2899	.0386
#1	3.470	.0491	.2220	121.8	.0759	41.15	4.522
#2	3.474	.0414	.2217	121.8	.0508	41.32	4.525

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0852	18.40	-.0602	-.0017	4.280	.0126	.2258
SDev	.0008	.10	.0000	.0001	.022	.0050	.0008
%RSD	.9144	.5313	-.0332	-3.772	.5029	39.56	.3631
#1	.0858	18.47	-.0602	-.0017	4.295	.0161	.2252
#2	.0847	18.33	-.0602	-.0016	4.264	.0091	.2263

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3867	.0892	.0728	-.0026	19.14	11.99	.1832
SDev	.0017	.0001	.0004	.0028	.20	.08	.0262
%RSD	.4302	.1621	.5928	-106.2	1.042	.6784	14.28
#1	.3855	.0893	.0731	-.0045	19.28	11.94	.1647
#2	.3879	.0891	.0725	-.0006	19.00	12.05	.2017

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.5530	7.659	.0434	.0055	102.5	.0190
SDev	.0012	.004	.0603	.0006	.1	.0518
%RSD	.2247	.0460	139.2	10.57	.1229	272.3

#1	.5539	7.662	.0860	.0051	102.4	.0556
#2	.5521	7.657	.0007	.0059	102.6	-.0176

Method: CLP_Y Sample Name: MFQ339 1/5 Dil Operator: DLS
Run Time: 02/14/92 12:38:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.819	.0145	.0381	.0576	.0013	.0000	11.07
SDev	.009	.0057	.0117	.0003	.0000	.002	.06
%RSD	.1192	39.12	30.80	.4557	.1198	-12550.	.4971
#1	7.812	.0105	.0298	.0574	.0013	-.0015	11.03
#2	7.825	.0185	.0464	.0578	.0013	.0015	11.11

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0910	.0171	.1839	183.4	.0255	5.507	.5786
SDev	.0018	.0019	.0004	.5	.0082	.013	.0018
%RSD	1.928	10.95	.1904	.2586	32.24	.2371	.3170
#1	.0897	.0158	.1841	183.1	.0313	5.497	.5773
#2	.0922	.0184	.1836	183.7	.0197	5.516	.5799

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0261	3.275	-.0831	-.0021	.0906	-.0122	.3408
SDev	.0129	.082	.0006	.0012	.0037	.0164	.0017
%RSD	49.32	2.506	-.7597	-57.81	4.034	-135.0	.4869
#1	.0351	3.217	-.0826	-.0030	.0932	-.0238	.3396
#2	.0170	3.333	-.0835	-.0012	.0880	-.0006	.3420

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0841	.0212	.0200	-.0099	2.264	1.677	.5655
SDev	.0026	.0015	.0014	.0014	.005	.012	.0247
%RSD	3.063	6.827	7.090	-14.23	.2363	.7056	4.371
#1	.0823	.0202	.0190	-.0089	2.261	1.669	.5480
#2	.0860	.0222	.0210	-.0109	2.268	1.686	.5830

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0187	2.329	.0238	.0029	105.9	.0499
SDev	.0001	.002	.0175	.0006	.5	.0002
%RSD	.4489	.0950	73.48	20.25	.4520	.4445
#1	.0186	2.327	.0114	.0025	106.2	.0498
#2	.0187	2.330	.0361	.0034	105.6	.0501

Method: CLP_Y Sample Name: MFQ340 1/5 Dil Operator: DLS
Run Time: 02/14/92 12:41:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.670	.0169	.0733	.0795	.0007	.0001	13.07
SDev	.021	.0028	.0306	.0006	.0000	.0027	.01
%RSD	.2379	16.44	41.75	.7864	.9594	2525.	.0980
#1	8.655	.0189	.0949	.0791	.0007	.0020	13.06
#2	8.684	.0149	.0516	.0800	.0007	-.0018	13.08

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0888	.0268	.2477	233.7	.0360	6.130	.6700
SDev	.0004	.0000	.0008	.2	.0044	.030	.0018
%RSD	.4337	.1410	.3360	.0949	12.25	.4874	.2643
#1	.0885	.0268	.2483	233.5	.0391	6.109	.6688
#2	.0891	.0267	.2471	233.8	.0329	6.151	.6713

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0274	3.152	L-.1167	.0005	.1132	-.0175	.4416
SDev	.0035	.057	.0328	.0013	.0022	.0041	.0009
%RSD	12.72	1.824	-28.10	250.0	1.894	-23.22	.1936
#1	.0299	3.193	-.0935	-.0004	.1117	-.0146	.4410
#2	.0250	3.111	L-.1399	.0014	.1148	-.0203	.4423

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0943	.0247	.0213	-.0160	2.545	1.847	.6751
SDev	.0001	.0013	.0000	.0001	.059	.007	.0341
%RSD	.1032	5.286	.0645	-.4216	2.300	.3892	5.053
#1	.0944	.0237	.0213	-.0160	2.504	1.842	.6992
#2	.0943	.0256	.0213	-.0159	2.587	1.852	.6509

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0222	2.980	.0988	.0065	104.0	.0743
SDev	.0000	.002	.0031	.0000	.1	.0228
%RSD	.0653	.0782	3.100	.2898	.0657	30.65
#1	.0222	2.981	.0966	.0065	104.0	.0904
#2	.0222	2.978	.1009	.0065	104.1	.0582

Method: CLP_Y Sample Name: MFQ334A Operator: DLS
Run Time: 02/14/92 12:53:48
Comment:
Mode: CONC Corr. Factor: 1

Sb = 120 ppb / .120 ppm
Cd = 35 ppb / .035 ppm
Pb = 600 ppb / .600 ppm

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	39.39	.1244	.2759	.8882	.0112	.0533	36.45
SDev	.17	.0152	.0056	.0006	.0001	.0012	.05
%RSD	.4255	12.23	2.023	.0720	.4697	2.176	.1493
#1	39.27	.1351	.2719	.8887	.0113	.0524	36.41
#2	39.50	.1136	.2798	.8878	.0112	.0541	36.49

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.332	.1352	19.97	200.0	.8082	20.88	1.513
SDev	.001	.0018	.06	.1	.0268	.13	.002
%RSD	.0430	1.325	.2784	.0499	3.315	.6032	.1446
#1	2.333	.1364	19.94	200.0	.8271	20.79	1.512
#2	2.331	.1339	20.01	199.9	.7892	20.97	1.515

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1965	14.69	-.0690	.0214	.7719	.2519	.3493
SDev	.0018	.04	.0072	.0001	.0104	.0226	.0022
%RSD	.8928	.2594	-10.40	.5360	1.347	8.959	.6247
#1	.1952	14.72	-.0639	.0215	.7646	.2359	.3508
#2	.1977	14.66	-.0741	.0213	.7793	.2679	.3478

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8601	.1623	.0760	.0012	3.972	11.34	.9225
SDev	.0015	.0139	.0010	.0042	.288	.09	.0347
%RSD	.1704	8.561	1.272	365.5	7.261	.7961	3.756
#1	.8591	.1525	.0753	-.0018	3.768	11.27	.9470
#2	.8611	.1721	.0767	.0041	4.176	11.40	.8980

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.1053	7.597	.0509	.0328	102.4	.1938
SDev	.0006	.001	.0119	.0002	.5	.0095
%RSD	.5372	.0167	23.35	.6307	.5340	4.907
#1	.1057	7.598	.0594	.0330	102.0	.2005
#2	.1049	7.596	.0425	.0327	102.8	.1870

Method: CLP_Y Sample Name: MYH398A Operator: DLS
Run Time: 02/14/92 12:56:56
Comment:
Mode: CONC Corr. Factor: 1

Sb = 120 ppb / .120 ppm
CR = 1500ppb / 1.5 ppm

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.07	.1412	.1224	1.133	.0117	.0078	102.8
SDev	.01	.0002	.0110	.003	.0000	.0022	.1
%RSD	.0091	.1186	9.000	.2602	.2430	28.35	.0569
#1	70.08	.1413	.1146	1.135	.0117	.0062	102.8
#2	70.07	.1411	.1302	1.131	.0117	.0094	102.7

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.215	.1457	.2633	122.4	.1009	38.51	7.142
SDev	.004	.0004	.0054	.1	.0206	.03	.000
%RSD	.1595	.2564	2.040	.0668	20.38	.0658	.0006
#1	2.212	.1460	.2671	122.5	.1155	38.53	7.142
#2	2.217	.1454	.2595	122.4	.0864	38.49	7.142

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.901	21.63	-.0791	.0166	20.85	.0375	.3124
SDev	.039	.66	.0219	.0000	.31	.0030	.0005
%RSD	.9934	3.050	-27.69	.0887	1.476	7.877	.1473
#1	3.874	22.10	-.0946	.0166	21.07	.0396	.3121
#2	3.929	21.16	-.0636	.0166	20.64	.0355	.3127

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.232	.0800	.0722	-.0008	14.27	11.58	.2739
SDev	.009	.0025	.0019	.0000	.12	.02	.0369
%RSD	.2030	3.177	2.666	-.7568	.8759	.1544	13.46
#1	4.226	.0782	.0735	-.0008	14.18	11.59	.2999
#2	4.239	.0818	.0708	-.0007	14.35	11.56	.2478

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.3931	7.793	.0213	.0039	99.92	-.0157
SDev	.0021	.016	.0283	.0000	.23	.0148
%RSD	.5253	.2085	132.6	.1019	.2269	-94.47
#1	.3946	7.805	.0413	.0039	99.76	-.0261
#2	.3916	7.782	.0013	.0039	100.1	-.0052

Method: CLP_Y Sample Name: CRI Operator: DLS
Run Time: 02/14/92 13:02:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4335	.1210	.0804	.3955	.0093	.0096	Q-.2267
SDev	.0037	.0010	.0108	.0012	.0001	.0000	.0068
%RSD	.8495	.8428	13.39	.3052	.7846	.3029	-3.021
#1	.4361	.1218	.0880	.3946	.0094	.0096	Q-.2219
#2	.4309	.1203	.0728	.3963	.0093	.0097	Q-.2316

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0164	.1019	.0532	.1926	.0418	-.0845	.0314
SDev	.0016	.0018	.0026	.0074	.0070	.0120	.0004
%RSD	9.508	1.787	4.963	3.838	16.71	-14.21	1.371

#1	.0175	.1031	.0551	.1978	.0467	-.0930	.0311
#2	.0153	.1006	.0514	.1874	.0368	-.0760	.0317

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0912	-.1622	.0964	.0181	.0280	.0806	.0977
SDev	.0006	.2454	.0240	.0002	.0012	.0149	.0003
%RSD	.6577	-151.3	24.87	.9943	4.274	18.49	.3273
#1	.0907	.0113	.0794	.0182	.0271	.0701	.0975
#2	.0916	-.3357	.1133	.0180	.0288	.0912	.0980

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0451	Q.1001	.0539	.0979	.1817	Q.5015	.0254
SDev	.0011	.0103	.0018	.0009	.0061	.0021	.0095
%RSD	2.502	10.28	3.407	.9531	3.379	.4208	37.34
#1	.0459	Q.1074	.0552	.0985	.1774	Q.5030	.0187
#2	.0443	Q.0929	.0526	.0972	.1861	Q.5	.0322

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0468	.0485	.0425	.0983	103.9	.0803
SDev	.0004	.0009	.0254	.0003	.9	.0050
%RSD	.8981	1.774	59.67	.2622	.9038	6.264
#1	.0471	.0491	.0605	.0981	103.2	.0838
#2	.0465	.0479	.0246	.0985	104.6	.0767

Method: CLP_Y Sample Name: ICSA Operator: DLS
Run Time: 02/14/92 13:05:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	543.1	.0267	Q.5239	.0113	.0004	Q-.0090	523.3
SDev	.6	.0099	.0384	.0004	.0000	.0037	.9
%RSD	.1054	36.95	7.330	3.573	2.429	-40.82	.1750
#1	542.7	.0337	Q.4967	.0116	.0004	Q-.0064	522.7
#2	543.5	.0197	Q.5511	.0110	.0004	Q-.0116	524.0

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0138	.0014	.0232	197.3	Q-.0367	495.1	Q.0217
SDev	.0035	.0038	.0005	.0	.0225	.5	.0007
%RSD	25.58	270.9	2.312	.0147	-61.24	.0967	3.345
#1	Q.0113	.0041	.0228	197.3	Q-.0526	494.8	Q.0212
#2	Q.0163	-.0013	.0236	197.3	-.0208	495.5	Q.0222

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.0031	-.0431	Q-.1611	-.0045	1.693	.0240	.0176
SDev	.0080	.1682	.0445	.0001	.010	.0164	.0003
%RSD	260.7	-390.7	-27.62	-1.109	.5810	68.47	1.720
#1	.0087	-.1620	Q-.1926	-.0045	1.686	.0356	.0178
#2	-.0026	.0759	Q-.1297	-.0045	1.700	.0124	.0174

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2114	.0451	.0010	-.0226	.1991	.0047	.4088
SDev	.0006	.0057	.0011	.0112	.0545	.0040	.1193
%RSD	.2681	12.60	105.4	-49.37	27.35	86.50	29.18
#1	.2110	.0491	.0003	-.0147	.2377	.0018	.3245
#2	.2118	.0411	.0018	-.0305	.1606	.0075	.4932

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.4519	.0076	.0852	.0019	99.16	-.7758
SDev	.0006	.0000	.0374	.0012	.38	.0011
%RSD	.1340	.5579	43.95	62.52	.3846	-.1387
#1	.4515	.0077	.1116	.0010	98.89	-.7766
#2	.4524	.0076	.0587	.0027	99.43	-.7751

Method: CLP_Y Sample Name: ICSAB Operator: DLS
Run Time: 02/14/92 13:08:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	537.4	Q.0900	Q.6182	.4860	.5078	.8935	515.6
SDev	1.2	.0352	.0611	.0003	.0002	.0052	.1
%RSD	.2322	39.12	9.884	.0555	.0351	.5826	.0133
#1	536.5	Q.0651	Q.5750	.4862	.5079	.8972	515.6
#2	538.3	Q.1149	Q.6615	.4858	.5077	.8899	515.7

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4930	.4641	.5306	194.6	4.543	488.7	.4759
SDev	.0038	.0020	.0023	.2	.030	.9	.0024
%RSD	.7706	.4349	.4392	.0786	.6572	.1805	.5045
#1	.4957	.4627	.5289	194.7	4.564	488.1	.4742
#2	.4903	.4655	.5322	194.5	4.522	489.3	.4776

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9027	-.3818	-.0902	.8531	1.739	.0372	.4918
SDev	.0133	.0154	.0365	.0013	.022	.0137	.0051
%RSD	1.469	-4.034	-40.49	.1510	1.268	36.89	1.029
#1	.9121	-.3709	-.0644	.8522	1.723	.0275	.4954
#2	.8933	-.3926	Q-.1160	.8540	1.754	.0469	.4882

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.188	.0588	-.0002	-.0063	.2635	.0212	.6112
SDev	.003	.0004	.0000	.0054	.1960	.0094	.0486
%RSD	.2649	.7378	-1.906	-84.65	74.37	44.33	7.948
#1	1.190	.0591	-.0002	-.0025	.1249	.0146	.5769
#2	1.185	.0585	-.0002	-.0101	.4021	.0279	.6456

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.4505	.0060	.0117	.0004	100.4	-.3610
SDev	.0005	.0005	.0669	.0005	.9	.1970
%RSD	.1081	8.153	569.6	126.6	.9283	-54.58
#1	.4502	.0063	.0590	.0000	99.74	-.5004
#2	.4509	.0056	-.0356	.0008	101.1	-.2217

Method: CLP_Y Sample Name: ZZZZZZ1 Operator: DLS
Run Time: 02/14/92 13:11:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1365	.0065	-.0018	-.0005	-.0004	-.0011	-.1051
SDev	.0229	.0027	.0249	.0000	.0000	.0003	.0397
%RSD	16.75	41.13	-1347.	-.0186	-.8474	-30.63	-37.74
#1	.1527	.0046	-.0194	-.0005	-.0004	-.0009	-.0771
#2	.1204	.0084	.0157	-.0005	-.0004	-.0013	-.1332

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0021	.0024	-.0064	.0299	-.0118	.0327	.0005
SDev	.0016	.0000	.0013	.0183	.0042	.0316	.0000
%RSD	-78.43	.9692	-20.70	61.18	-35.19	96.57	.4564
#1	-.0032	.0024	-.0055	.0428	-.0089	.0551	.0005
#2	-.0009	.0024	-.0073	.0170	-.0148	.0104	.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0132	.0474	-.0090	-.0020	-.0008	-.0170	.0001
SDev	.0041	.1759	.0042	.0038	.0063	.0098	.0011
%RSD	30.74	370.8	-46.58	-184.6	-758.7	-57.36	1091.
#1	.0104	.1718	-.0061	-.0047	-.0053	-.0239	-.0007
#2	.0161	-.0769	-.0120	.0006	.0036	-.0101	.0009

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0028	-.0032	.0019	-.0021	.0064	-.0070	.0238
SDev	.0000	.0039	.0003	.0000	.0381	.0066	.0499
%RSD	1.036	-121.4	17.87	-2.297	598.1	-94.82	209.2

#1	.0029	-.0059	.0021	-.0020	-.0206	-.0117	-.0114
#2	.0028	-.0005	.0017	-.0021	.0333	-.0023	.0591

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0000	-.0008	.0278	-.0001	105.4	-.0094
SDev	.0000	.0011	.0474	.0011	.5	.0208
%RSD	.0000	-140.1	170.4	-2234.	.4436	-221.9
#1	.0000	.0000	.0613	.0008	105.1	-.0240
#2	.0000	-.0016	-.0057	-.0009	105.8	.0053

Method: CLP_Y Sample Name: ~~ICV~~/CCV Operator: DLS
Run Time: 02/14/92 13:14:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.002	1.028	.0083	1.966	.4936	.4811	50.08
SDev	.025	.024	.0075	.000	.0011	.0037	.11
%RSD	1.254	2.355	90.70	.0222	.2237	.7582	.2283
#1	1.984	1.045	.0136	1.966	.4944	.4785	50.00
#2	2.020	1.011	.0030	1.966	.4929	.4837	50.16

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4783	.5054	.4880	2.024	4.852	24.13	.4936
SDev	.0036	.0010	.0020	.002	.021	.08	.0010
%RSD	.7472	.1944	.4168	.1199	.4321	.3354	.2114
#1	.4808	.5061	.4866	2.022	4.837	24.08	.4928
#2	.4758	.5047	.4895	2.026	4.867	24.19	.4943

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5151	49.04	-.0164	.4736	48.83	-.0129	.4866
SDev	.0054	1.33	.0167	.0017	.81	.0071	.0007
%RSD	1.047	2.702	-101.6	.3679	1.660	-54.61	.1331
#1	.5189	48.10	-.0282	.4748	48.26	-.0079	.4861
#2	.5113	49.97	-.0046	.4724	49.40	-.0179	.4870

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.234	-.0059	.0010	-.0035	-.0278	-.0222	-.0182
SDev	.004	.0080	.0010	.0000	.0496	.0043	.0052
%RSD	.1362	-134.1	104.2	-.1954	-178.5	-19.33	-28.42
#1	3.231	-.0116	.0003	-.0035	.0073	-.0192	-.0146
#2	3.238	-.0003	.0017	-.0035	-.0628	-.0252	-.0219

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm

Avge	.0159	-.0001	.0261	-.0011	103.8	.0035
SDev	.0001	.0008	.0178	.0000	.4	.0150
%RSD	.3685	-877.0	68.23	-.1763	.3710	421.9
#1	.0159	.0005	.0388	-.0011	103.5	.0141
#2	.0158	-.0006	.0135	-.0011	104.1	-.0070

Method: CLP_Y Sample Name: ~~ICB~~/CCB Operator: DLS
Run Time: 02/14/92 13:17:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Cd2288	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0237	.0106	.0078	.0009	-.0010	-.0007	-.1705
SDev	.0049	.0029	.0227	.0000	.0007	.0005	.0028
%RSD	20.66	27.36	291.1	.8378	-71.59	-72.18	-1.633
#1	.0272	.0085	-.0082	.0009	-.0015	-.0010	-.1724
#2	.0203	.0126	.0238	.0010	-.0005	-.0003	-.1685

Elem	Cr2677	Co2286	Cu3247	Fe2599	Pb2203	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0018	-.0083	-.0056	-.0162	-.0577	.0005
SDev	.0025	.0044	.0007	.0004	.0109	.0010	.0000
%RSD	-1831.	242.2	-8.426	-7.451	-67.15	-1.717	.1803
#1	.0017	.0050	-.0088	-.0053	-.0085	-.0584	.0005
#2	-.0019	-.0013	-.0078	-.0059	-.0239	-.0570	.0005

Elem	Ni2316	K_7664	Se1960	Ag3280	Na5889	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0149	.0083	-.0328	-.0002	.0227	-.0135	.0001
SDev	.0022	.0055	.0126	.0012	.0005	.0171	.0013
%RSD	14.51	66.85	-38.50	-615.6	2.331	-126.6	1126.
#1	.0134	.0044	-.0238	-.0011	.0231	-.0014	-.0008
#2	.0164	.0122	-.0417	.0007	.0224	-.0255	.0011

Elem	Zn2138	B_2496	Li6707	Mo2020	P_2149	Si2516	Sn2839
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0019	-.0050	.0000	-.0030	-.0230	-.0093	.0266
SDev	.0000	.0041	.0010	.0013	.0489	.0026	.0074
%RSD	.5535	-81.57	8002.	-43.99	-212.4	-27.93	27.65
#1	.0019	-.0078	.0007	-.0021	.0115	-.0075	.0214
#2	.0019	-.0021	-.0007	-.0039	-.0576	-.0112	.0318

Elem	Sr4215	Ti3349	U_4090	Zr3391	Y_3710	2As193
Units	ppm	ppm	ppm	ppm	IS %Rec.	ppm
Avge	.0000	-.0005	.0348	-.0009	103.6	.0065
SDev	.0000	.0000	.0452	.0000	.6	.0185
%RSD	.0000	-3.589	129.6	-.2896	.5351	284.6
#1	.0000	-.0005	.0029	-.0008	103.9	-.0066
#2	.0000	-.0005	.0668	-.0009	103.2	.0196

Element File: AS_CLP.GEL Element: As Wavelength: 193.7
Date: 02/20/92 Time: 08:25 Slit: 0.7
Data File: 2A15AS1.DAT ID/Wt File: 2A17.IDW Lamp Current: 0
Technique: HGA Calib. Type: Nonlinear Energy: 61
Remark 1: All Standards made 02/20/92 at 6:00am from stock solution
Remark 2: dated 01/17/92.
Remark 3: The stock solutions were prepared from SPEX Plasma standard.
Remark 4: All concentrations were calculated based on peak areas.
Remark 5: Analyst: D. Seymour

As ID: Blank S0 Seq. No.: 00001 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 08:25
Peak Area (A-s): 0.001 Peak Height (A): 0.007
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.019
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 0.2

Replicate 2 Time: 08:28
Peak Area (A-s): -0.004 Peak Height (A): 0.006
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.0

Mean Conc (ug/L): 0.1 SD: 0.17 RSD(%): 133.71

Auto-zero performed.

As ID: Standard 1 S10 Seq. No.: 00002 A/S Pos.: 0 Date: 02/20/92

Replicate 1 Time: 08:31
Peak Area (A-s): 0.039 Peak Height (A): 0.093
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.040
Concentration (ug/L): 6.0

Replicate 2 Time: 08:34
Peak Area (A-s): 0.037 Peak Height (A): 0.091
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 5.6

Mean Conc (ug/L): 5.8 SD: 0.29 RSD(%): 5.00

Standard number 1 applied. [10.0]
Correlation coefficient: 1.00000 Slope: 0.0039

As ID: Standard 2 S20 Seq. No.: 00003 A/S Pos.: 37 Date: 02/20/92

Replicate 1 Time: 08:37
Peak Area (A-s): 0.076 Peak Height (A): 0.167
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.077
Concentration (ug/L): 19.6

Replicate 2 Time: 08:40
Peak Area (A-s): 0.074 Peak Height (A): 0.177
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.076
Concentration (ug/L): 19.3

Mean Conc (ug/L): 19.4 SD: 0.25 RSD(%): 1.29

Standard number 2 applied. [20.0]
Correlation coefficient: 1.00000 Slope: 0.0040

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As ID: Standard 3 S40 Seq. No.: 00004 A/S Pos.: 38 Date: 02/20/92

Replicate 1 Time: 08:43
Peak Area (A-s): 0.152 Peak Height (A): 0.334
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.154
Concentration (ug/L): 42.9

Replicate 2 Time: 08:47
Peak Area (A-s): 0.149 Peak Height (A): 0.324
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.151
Concentration (ug/L): 41.9

Mean Conc (ug/L): 42.4 SD: 0.68 RSD(%): 1.60

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 3 applied. [40.0]
Correlation coefficient: 0.99990 Slope: 0.0039

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As ID: Standard 4 S80 Seq. No.: 00005 A/S Pos.: 39 Date: 02/20/92

Replicate 1 Time: 08:50
Peak Area (A-s): 0.293 Peak Height (A): 0.628
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.294
Concentration (ug/L): 80.7

Replicate 2 Time: 08:53
Peak Area (A-s): 0.295 Peak Height (A): 0.605
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.296
Concentration (ug/L): 81.2

Mean Conc (ug/L): 80.9 SD: 0.38 RSD(%): 0.47

Standard number 4 applied. [80.0]
Correlation coefficient: 0.99999 Slope: 0.0039

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As ID: ~~ICV~~/CCV Seq. No.: 00006 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 08:56
Peak Area (A-s): 0.185 Peak Height (A): 0.403
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.187
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Concentration (ug/L): 49.6

Replicate 2 Time: 09:00
Peak Area (A-s): 0.186 Peak Height (A): 0.407
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.187
Concentration (ug/L): 49.8

Mean Conc (ug/L): 49.7 SD: 0.15 RSD(%): 0.30

Check sample is within range 42.66 - 52.14

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As ID: ~~ICB~~/CCB Seq. No.: 00007 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 09:03
Peak Area (A-s): -0.002 Peak Height (A): 0.006
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L): -0.1

Replicate 2 Time: 09:06
Peak Area (A-s): -0.004 Peak Height (A): 0.005
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.6

Mean Conc (ug/L): -0.3 SD: 0.37 RSD(%): 107.35

Check sample is within range -3.0 - 3.0

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As ID: CRA Seq. No.: 00008 A/S Pos.: 0 Date: 02/20/92

Replicate 1 Time: 09:09
Peak Area (A-s): 0.036 Peak Height (A): 0.081
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 9.7

Replicate 2 Time: 09:12
Peak Area (A-s): 0.036 Peak Height (A): 0.085
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 9.7

Mean Conc (ug/L): 9.7 SD: 0.06 RSD(%): 0.58

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As ID: MX3225 1/2 DIL Seq. No.: 00009 A/S Pos.: 1 Date: 02/20/92

Replicate 1 Time: 09:15
Peak Area (A-s): 0.129 Peak Height (A): 0.264
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.130
Concentration (ug/L): 34.2

Replicate 2 Time: 09:18
Peak Area (A-s): 0.133 Peak Height (A): 0.266
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Background Pk Area (A-s): 0.073   Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L): 35.4

Mean Conc (ug/L): 34.8   SD: 0.90   RSD(%): 2.59

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As   ID: MX3225 1/2 DIL A   Seq. No.: 00010   A/S Pos.: 1   Date: 02/20/92

Replicate 1   Time: 09:22
Peak Area (A-s): 0.202   Peak Height (A): 0.443
Background Pk Area (A-s): 0.069   Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.204
Concentration (ug/L): 54.2

Replicate 2   Time: 09:25
Peak Area (A-s): 0.207   Peak Height (A): 0.437
Background Pk Area (A-s): 0.069   Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.209
Concentration (ug/L): 55.6

Mean Conc (ug/L): 54.9   SD: 0.97   RSD(%): 1.77

Recovery is 100.7%

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As   ID: MX3225D 1/2 DIL   Seq. No.: 00011   A/S Pos.: 2   Date: 02/20/92

Replicate 1   Time: 09:28
Peak Area (A-s): 0.137   Peak Height (A): 0.274
Background Pk Area (A-s): 0.075   Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.139
Concentration (ug/L): 36.4

Replicate 2   Time: 09:31
Peak Area (A-s): 0.140   Peak Height (A): 0.275
Background Pk Area (A-s): 0.074   Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.142
Concentration (ug/L): 37.3

Mean Conc (ug/L): 36.9   SD: 0.65   RSD(%): 1.76

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As   ID: MX3225D 1/2 DIL A   Seq. No.: 00012   A/S Pos.: 2   Date: 02/20/92

Replicate 1   Time: 09:34
Peak Area (A-s): 0.211   Peak Height (A): 0.426
Background Pk Area (A-s): 0.055   Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.212
Concentration (ug/L): 56.7

Replicate 2   Time: 09:38
Peak Area (A-s): 0.210   Peak Height (A): 0.433
Background Pk Area (A-s): 0.069   Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.211
Concentration (ug/L): 56.3

Mean Conc (ug/L): 56.5   SD: 0.23   RSD(%): 0.41
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Recovery is 98.3%

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As ID: MX3226 Seq. No.: 00013 A/S Pos.: 3 Date: 02/20/92

Replicate 1 Time: 09:41
Peak Area (A-s): 0.211 Peak Height (A): 0.445
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.213
Concentration (ug/L): 56.8

Replicate 2 Time: 09:44
Peak Area (A-s): 0.202 Peak Height (A): 0.444
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.204
Concentration (ug/L): 54.3

Mean Conc (ug/L): 55.5 SD: 1.74 RSD(%): 3.14

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As ID: MX3226A Seq. No.: 00014 A/S Pos.: 3 Date: 02/20/92

Replicate 1 Time: 09:47
Peak Area (A-s): 0.267 Peak Height (A): 0.564
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.269
Concentration (ug/L): 72.6

Replicate 2 Time: 09:51
Peak Area (A-s): 0.266 Peak Height (A): 0.571
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.267
Concentration (ug/L): 72.1

Mean Conc (ug/L): 72.3 SD: 0.33 RSD(%): 0.45

Recovery is 84.0%

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As ID: MX3327D 1/100DI Seq. No.: 00015 A/S Pos.: 4 Date: 02/20/92

Replicate 1 Time: 09:54
Peak Area (A-s): 0.193 Peak Height (A): 0.362
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.195
Concentration (ug/L): 51.8

Replicate 2 Time: 09:57
Peak Area (A-s): 0.191 Peak Height (A): 0.362
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.193
Concentration (ug/L): 51.2

Mean Conc (ug/L): 51.5 SD: 0.40 RSD(%): 0.78

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As ID: MX3327D 1/100DIA Seq. No.: 00016 A/S Pos.: 4 Date: 02/20/92

Replicate 1 Time: 10:00

Peak Area (A-s): 0.263 Peak Height (A): 0.548
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.265
Concentration (ug/L): 71.4

Replicate 2 Time: 10:03
Peak Area (A-s): 0.261 Peak Height (A): 0.542
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.263
Concentration (ug/L): 70.8

Mean Conc (ug/L): 71.1 SD: 0.40 RSD(%): 0.56

Recovery is 98.2%

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As ID: ~~ICV~~/CCV Seq. No.: 00017 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 10:07
Peak Area (A-s): 0.186 Peak Height (A): 0.400
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L): 49.9

Replicate 2 Time: 10:10
Peak Area (A-s): 0.192 Peak Height (A): 0.411
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.193
Concentration (ug/L): 51.3

Mean Conc (ug/L): 50.6 SD: 1.00 RSD(%): 1.98

Check sample is within range 42.66 - 52.14

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As ID: ~~ICB~~/CCB Seq. No.: 00018 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 10:13
Peak Area (A-s): -0.001 Peak Height (A): 0.007
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.0

Replicate 2 Time: 10:16
Peak Area (A-s): -0.002 Peak Height (A): 0.005
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L): -0.1

Mean Conc (ug/L): -0.0 SD: 0.11 RSD(%): 342.73

Check sample is within range -3.0 - 3.0

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As ID: PBS Seq. No.: 00019 A/S Pos.: 5 Date: 02/20/92

Replicate 1 Time: 10:19
Peak Area (A-s): -0.003 Peak Height (A): 0.005
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.022
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Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.4

Replicate 2 — Time: 10:22
Peak Area (A-s): -0.003 — Peak Height (A): 0.005
Background Pk Area (A-s): 0.062 — Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.5

Mean Conc (ug/L): -0.4 SD: 0.09 RSD(%): 21.28

~~~~~~

As ID: PBS A Seq. No.: 00020 A/S Pos.: 5 Date: 02/20/92

Replicate 1 — Time: 10:26
Peak Area (A-s): 0.081 — Peak Height (A): 0.192
Background Pk Area (A-s): 0.054 — Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.082
Concentration (ug/L): 21.4

Replicate 2 — Time: 10:29
Peak Area (A-s): 0.081 — Peak Height (A): 0.196
Background Pk Area (A-s): 0.052 — Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.083
Concentration (ug/L): 21.4

Mean Conc (ug/L): 21.4 SD: 0.02 RSD(%): 0.11

Recovery is 109.2%

~~~~~~

As ID: LCSS 1/200 DIL Seq. No.: 00021 A/S Pos.: 6 Date: 02/20/92

Replicate 1 — Time: 10:32
Peak Area (A-s): 0.091 — Peak Height (A): 0.192
Background Pk Area (A-s): 0.066 — Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.092
Concentration (ug/L): 24.0

Replicate 2 — Time: 10:35
Peak Area (A-s): 0.095 — Peak Height (A): 0.186
Background Pk Area (A-s): 0.066 — Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L): 25.0

Mean Conc (ug/L): 24.5 SD: 0.68 RSD(%): 2.78

~~~~~~

As ID: LCSS 1/200 DIL A Seq. No.: 00022 A/S Pos.: 6 Date: 02/20/92

Replicate 1 — Time: 10:39
Peak Area (A-s): 0.169 — Peak Height (A): 0.350
Background Pk Area (A-s): 0.055 — Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.171
Concentration (ug/L): 45.2

Replicate 2 — Time: 10:42
Peak Area (A-s): 0.170 — Peak Height (A): 0.362
Background Pk Area (A-s): 0.060 — Background Pk Height (A): 0.035
~~~~~~

Blank Corrected Pk Area (A-s): 0.171
Concentration (ug/L): 45.3

Mean Conc (ug/L): 45.2 SD: 0.12 RSD(%): 0.27

Recovery is 103.7%

~~~~~~

As ID: MFQ311 1/2 DIL Seq. No.: 00023 A/S Pos.: 7 Date: 02/20/92

Replicate 1 Time: 10:45
Peak Area (A-s): 0.005 Peak Height (A): 0.014
Background Pk Area (A-s): 0.300 Background Pk Height (A): 0.184
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.5

Replicate 2 Time: 10:48
Peak Area (A-s): 0.007 Peak Height (A): 0.014
Background Pk Area (A-s): 0.344 Background Pk Height (A): 0.204
Blank Corrected Pk Area (A-s): 0.008
Concentration (ug/L): 2.1

Mean Conc (ug/L): 1.8 SD: 0.44 RSD(%): 24.22

~~~~~~

As ID: MFQ311 1/2 DILA Seq. No.: 00024 A/S Pos.: 7 Date: 02/20/92

Replicate 1 Time: 10:52
Peak Area (A-s): 0.081 Peak Height (A): 0.130
Background Pk Area (A-s): 0.340 Background Pk Height (A): 0.221
Blank Corrected Pk Area (A-s): 0.083
Concentration (ug/L): 21.5

Replicate 2 Time: 10:55
Peak Area (A-s): 0.085 Peak Height (A): 0.134
Background Pk Area (A-s): 0.340 Background Pk Height (A): 0.219
Blank Corrected Pk Area (A-s): 0.086
Concentration (ug/L): 22.4

Mean Conc (ug/L): 21.9 SD: 0.65 RSD(%): 2.98

Recovery is 100.6%

~~~~~~

As ID: MFQ312 Seq. No.: 00025 A/S Pos.: 8 Date: 02/20/92

Replicate 1 Time: 10:58
Peak Area (A-s): 0.006 Peak Height (A): 0.016
Background Pk Area (A-s): 0.237 Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 1.9

Replicate 2 Time: 11:02
Peak Area (A-s): 0.003 Peak Height (A): 0.014
Background Pk Area (A-s): 0.231 Background Pk Height (A): 0.145
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.2

Mean Conc (ug/L): 1.5 SD: 0.51 RSD(%): 33.58
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As ID: MFQ312 ~~A~~ Seq. No.: 00026 A/S Pos.: 8 Date: 02/20/92

Replicate 1 Time: 11:05
Peak Area (A-s): 0.086 Peak Height (A): 0.144
Background Pk Area (A-s): 0.215 Background Pk Height (A): 0.150
Blank Corrected Pk Area (A-s): 0.087
Concentration (ug/L): 22.7

Replicate 2 Time: 11:08
Peak Area (A-s): 0.084 Peak Height (A): 0.144
Background Pk Area (A-s): 0.214 Background Pk Height (A): 0.149
Blank Corrected Pk Area (A-s): 0.085
Concentration (ug/L): 22.1

Mean Conc (ug/L): 22.4 SD: 0.37 RSD(%): 1.64

Recovery is 104.4%

~~~~~~

As ID: MFQ313 Seq. No.: 00027 A/S Pos.: 9 Date: 02/20/92

Replicate 1 Time: 11:11
Peak Area (A-s): 0.012 Peak Height (A): 0.036
Background Pk Area (A-s): 0.305 Background Pk Height (A): 0.181
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L): 3.4

Replicate 2 Time: 11:15
Peak Area (A-s): 0.013 Peak Height (A): 0.074
Background Pk Area (A-s): 0.329 Background Pk Height (A): 0.186
Blank Corrected Pk Area (A-s): 0.014
Concentration (ug/L): 3.7

Mean Conc (ug/L): 3.5 SD: 0.22 RSD(%): 6.22

~~~~~~

As ID: MFQ313 A Seq. No.: 00028 A/S Pos.: 9 Date: 02/20/92

Replicate 1 Time: 11:18
Peak Area (A-s): 0.093 Peak Height (A): 0.129
Background Pk Area (A-s): 0.331 Background Pk Height (A): 0.207
Blank Corrected Pk Area (A-s): 0.094
Concentration (ug/L): 24.5

Replicate 2 Time: 11:21
Peak Area (A-s): 0.093 Peak Height (A): 0.125
Background Pk Area (A-s): 0.324 Background Pk Height (A): 0.203
Blank Corrected Pk Area (A-s): 0.094
Concentration (ug/L): 24.5

Mean Conc (ug/L): 24.5 SD: 0.03 RSD(%): 0.13

Recovery is 105.0%

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As ID: ~~ICV~~/CCV Seq. No.: 00029 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 11:24

Peak Area (A-s): 0.184 Peak Height (A): 0.364
Background Pk Area (A-s): 0.113 Background Pk Height (A): 0.189
Blank Corrected Pk Area (A-s): 0.185
Concentration (ug/L): 49.1

Replicate 2 Time: 11:27
Peak Area (A-s): 0.187 Peak Height (A): 0.385
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L): 50.0

Mean Conc (ug/L): 49.6 SD: 0.60 RSD(%): 1.21

Check sample is within range 42.66 - 52.14

As ID: ~~ICB~~/CCB Seq. No.: 00030 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 11:30
Peak Area (A-s): -0.000 Peak Height (A): 0.007
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Replicate 2 Time: 11:34
Peak Area (A-s): -0.004 Peak Height (A): 0.005
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.6

Mean Conc (ug/L): -0.2 SD: 0.58 RSD(%): 354.02

Check sample is within range -3.0 - 3.0

As ID: MFQ314 1/2 DIL Seq. No.: 00031 A/S Pos.: 10 Date: 02/20/92

Replicate 1 Time: 11:37
Peak Area (A-s): 0.002 Peak Height (A): 0.012
Background Pk Area (A-s): 0.156 Background Pk Height (A): 0.107
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.9

Replicate 2 Time: 11:40
Peak Area (A-s): 0.004 Peak Height (A): 0.011
Background Pk Area (A-s): 0.170 Background Pk Height (A): 0.114
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.3

Mean Conc (ug/L): 1.1 SD: 0.27 RSD(%): 25.00

As ID: MFQ314 1/2 DIL~~A~~ Seq. No.: 00032 A/S Pos.: 10 Date: 02/20/92

Replicate 1 Time: 11:43
Peak Area (A-s): 0.080 Peak Height (A): 0.143
Background Pk Area (A-s): 0.166 Background Pk Height (A): 0.120
Blank Corrected Pk Area (A-s): 0.081
Concentration (ug/L): 21.1

Replicate 2 Time: 11:46
Peak Area (A-s): 0.081 Peak Height (A): 0.144
Background Pk Area (A-s): 0.167 Background Pk Height (A): 0.120
Blank Corrected Pk Area (A-s): 0.082
Concentration (ug/L): 21.3

Mean Conc (ug/L): 21.2 SD: 0.13 RSD(%): 0.60

Recovery is 100.6%

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As ID: MFQ324 1/5 DIL Seq. No.: 00033 A/S Pos.: 11 Date: 02/20/92

Replicate 1 Time: 11:50
Peak Area (A-s): 0.008 Peak Height (A): 0.021
Background Pk Area (A-s): 0.162 Background Pk Height (A): 0.104
Blank Corrected Pk Area (A-s): 0.010
Concentration (ug/L): 2.4

Replicate 2 Time: 11:53
Peak Area (A-s): 0.010 Peak Height (A): 0.024
Background Pk Area (A-s): 0.157 Background Pk Height (A): 0.101
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L): 2.8

Mean Conc (ug/L): 2.6 SD: 0.26 RSD(%): 9.97

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As ID: MFQ324 1/5 DIL A Seq. No.: 00034 A/S Pos.: 11 Date: 02/20/92

Replicate 1 Time: 11:56
Peak Area (A-s): 0.087 Peak Height (A): 0.152
Background Pk Area (A-s): 0.150 Background Pk Height (A): 0.104
Blank Corrected Pk Area (A-s): 0.089
Concentration (ug/L): 23.0

Replicate 2 Time: 11:59
Peak Area (A-s): 0.090 Peak Height (A): 0.144
Background Pk Area (A-s): 0.148 Background Pk Height (A): 0.099
Blank Corrected Pk Area (A-s): 0.092
Concentration (ug/L): 23.8

Mean Conc (ug/L): 23.4 SD: 0.56 RSD(%): 2.40

Recovery is 104.0%

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As ID: MFQ326 Seq. No.: 00035 A/S Pos.: 12 Date: 02/20/92

Replicate 1 Time: 12:03
Peak Area (A-s): 0.017 Peak Height (A): 0.027
Background Pk Area (A-s): 0.473 Background Pk Height (A): 0.251
Blank Corrected Pk Area (A-s): 0.019
Concentration (ug/L): 4.8

Replicate 2 Time: 12:06
Peak Area (A-s): 0.018 Peak Height (A): 0.096
Background Pk Area (A-s): 0.533 Background Pk Height (A): 0.277
Blank Corrected Pk Area (A-s): 0.019
~~~~~~

Concentration (ug/L): 5.0

Mean Conc (ug/L): 4.9 SD: 0.10 RSD(%): 1.95

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As ID: MFQ326A Seq. No.: 00036 A/S Pos.: 12 Date: 02/20/92

Replicate 1 Time: 12:09
Peak Area (A-s): 0.095 Peak Height (A): 0.130
Background Pk Area (A-s): 0.550 Background Pk Height (A): 0.290
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L): 25.0

Replicate 2 Time: 12:12
Peak Area (A-s): 0.092 Peak Height (A): 0.137
Background Pk Area (A-s): 0.550 Background Pk Height (A): 0.341
Blank Corrected Pk Area (A-s): 0.093
Concentration (ug/L): 24.2

Mean Conc (ug/L): 24.6 SD: 0.52 RSD(%): 2.13

Recovery is 98.6%

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As ID: MFQ327 1/5 DIL Seq. No.: 00037 A/S Pos.: 13 Date: 02/20/92

Replicate 1 Time: 12:16
Peak Area (A-s): 0.032 Peak Height (A): 0.083
Background Pk Area (A-s): 0.249 Background Pk Height (A): 0.298
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 8.5

Replicate 2 Time: 12:19
Peak Area (A-s): 0.030 Peak Height (A): 0.059
Background Pk Area (A-s): 0.209 Background Pk Height (A): 0.137
Blank Corrected Pk Area (A-s): 0.032
Concentration (ug/L): 8.2

Mean Conc (ug/L): 8.4 SD: 0.25 RSD(%): 3.05

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As ID: MFQ327 1/5 DILA Seq. No.: 00038 A/S Pos.: 13 Date: 02/20/92

Replicate 1 Time: 12:22
Peak Area (A-s): 0.107 Peak Height (A): 0.168
Background Pk Area (A-s): 0.204 Background Pk Height (A): 0.142
Blank Corrected Pk Area (A-s): 0.108
Concentration (ug/L): 28.3

Replicate 2 Time: 12:25
Peak Area (A-s): 0.107 Peak Height (A): 0.165
Background Pk Area (A-s): 0.198 Background Pk Height (A): 0.135
Blank Corrected Pk Area (A-s): 0.108
Concentration (ug/L): 28.3

Mean Conc (ug/L): 28.3 SD: 0.01 RSD(%): 0.03

Recovery is 99.5%
~~~~~~

As ID: MFQ328 1/2 DIL Seq. No.: 00039 A/S Pos.: 14 Date: 02/20/92

Replicate 1 Time: 12:28
Peak Area (A-s): 0.054 Peak Height (A): 0.076
Background Pk Area (A-s): 0.254 Background Pk Height (A): 0.156
Blank Corrected Pk Area (A-s): 0.056
Concentration (ug/L): 14.4

Replicate 2 Time: 12:32
Peak Area (A-s): 0.053 Peak Height (A): 0.075
Background Pk Area (A-s): 0.256 Background Pk Height (A): 0.159
Blank Corrected Pk Area (A-s): 0.054
Concentration (ug/L): 14.0

Mean Conc (ug/L): 14.2 SD: 0.25 RSD(%): 1.75

As ID: MFQ328 1/2 DIL A Seq. No.: 00040 A/S Pos.: 14 Date: 02/20/92

Replicate 1 Time: 12:35
Peak Area (A-s): 0.125 Peak Height (A): 0.181
Background Pk Area (A-s): 0.254 Background Pk Height (A): 0.170
Blank Corrected Pk Area (A-s): 0.127
Concentration (ug/L): 33.2

Replicate 2 Time: 12:38
Peak Area (A-s): 0.125 Peak Height (A): 0.183
Background Pk Area (A-s): 0.252 Background Pk Height (A): 0.171
Blank Corrected Pk Area (A-s): 0.127
Concentration (ug/L): 33.2

Mean Conc (ug/L): 33.2 SD: 0.01 RSD(%): 0.02

Recovery is 94.9%

As ID: ~~ICV~~/CCV Seq. No.: 00041 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 12:41
Peak Area (A-s): 0.181 Peak Height (A): 0.352
Background Pk Area (A-s): 0.101 Background Pk Height (A): 0.103
Blank Corrected Pk Area (A-s): 0.183
Concentration (ug/L): 48.4

Replicate 2 Time: 12:44
Peak Area (A-s): 0.186 Peak Height (A): 0.373
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L): 49.9

Mean Conc (ug/L): 49.1 SD: 1.02 RSD(%): 2.08

Check sample is within range 42.66 - 52.14

As ID: ~~ICB~~/CCB Seq. No.: 00042 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 12:47

Peak Area (A-s): -0.002 Peak Height (A): 0.006
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.2

Replicate 2 Time: 12:50
Peak Area (A-s): -0.001 Peak Height (A): 0.005
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Mean Conc (ug/L): -0.0 SD: 0.34 RSD(%): 4692.55

Check sample is within range -3.0 - 3.0

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As ID: MFQ329 1/2 DIL Seq. No.: 00043 A/S Pos.: 15 Date: 02/20/92

Replicate 1 Time: 12:54
Peak Area (A-s): 0.062 Peak Height (A): 0.066
Background Pk Area (A-s): 0.195 Background Pk Height (A): 0.115
Blank Corrected Pk Area (A-s): 0.063
Concentration (ug/L): 16.3

Replicate 2 Time: 12:57
Peak Area (A-s): 0.059 Peak Height (A): 0.066
Background Pk Area (A-s): 0.217 Background Pk Height (A): 0.125
Blank Corrected Pk Area (A-s): 0.060
Concentration (ug/L): 15.5

Mean Conc (ug/L): 15.9 SD: 0.54 RSD(%): 3.37

~~~~~~

As ID: MFQ329 1/2 DIL A Seq. No.: 00044 A/S Pos.: 15 Date: 02/20/92

Replicate 1 Time: 13:00
Peak Area (A-s): 0.135 Peak Height (A): 0.152
Background Pk Area (A-s): 0.207 Background Pk Height (A): 0.131
Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L): 35.9

Replicate 2 Time: 13:03
Peak Area (A-s): 0.138 Peak Height (A): 0.144
Background Pk Area (A-s): 0.208 Background Pk Height (A): 0.127
Blank Corrected Pk Area (A-s): 0.139
Concentration (ug/L): 36.6

Mean Conc (ug/L): 36.3 SD: 0.47 RSD(%): 1.29

Recovery is 101.7%

~~~~~~

As ID: MFQ330 1/5 DIL Seq. No.: 00045 A/S Pos.: 16 Date: 02/20/92

Replicate 1 Time: 13:06
Peak Area (A-s): 0.002 Peak Height (A): 0.009
Background Pk Area (A-s): 0.161 Background Pk Height (A): 0.105
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 0.9
~~~~~~

Replicate 2 — Time: 13:09
Peak Area (A-s): 0.002 — Peak Height (A): 0.011
Background Pk Area (A-s): 0.157 — Background Pk Height (A): 0.102
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.8

Mean Conc (ug/L): 0.8 SD: 0.12 RSD(%): 14.69

~~~~~~

As ID: MFQ330 1/5 DILA Seq. No.: 00046 A/S Pos.: 16 Date: 02/20/92

Replicate 1 — Time: 13:13
Peak Area (A-s): 0.078 — Peak Height (A): 0.140
Background Pk Area (A-s): 0.151 — Background Pk Height (A): 0.105
Blank Corrected Pk Area (A-s): 0.080
Concentration (ug/L): 20.7

Replicate 2 — Time: 13:16
Peak Area (A-s): 0.076 — Peak Height (A): 0.135
Background Pk Area (A-s): 0.151 — Background Pk Height (A): 0.103
Blank Corrected Pk Area (A-s): 0.078
Concentration (ug/L): 20.2

Mean Conc (ug/L): 20.5 SD: 0.38 RSD(%): 1.85

Recovery is 98.1%

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As ID: MFQ331 Seq. No.: 00047 A/S Pos.: 17 Date: 02/20/92

Replicate 1 — Time: 13:19
Peak Area (A-s): 0.030 — Peak Height (A): 0.039
Background Pk Area (A-s): 0.440 — Background Pk Height (A): 0.237
Blank Corrected Pk Area (A-s): 0.031
Concentration (ug/L): 8.1

Replicate 2 — Time: 13:22
Peak Area (A-s): 0.030 — Peak Height (A): 0.103
Background Pk Area (A-s): 0.496 — Background Pk Height (A): 0.249
Blank Corrected Pk Area (A-s): 0.032
Concentration (ug/L): 8.1

Mean Conc (ug/L): 8.1 SD: 0.05 RSD(%): 0.66

~~~~~~

As ID: MFQ331 A Seq. No.: 00048 A/S Pos.: 17 Date: 02/20/92

Replicate 1 — Time: 13:25
Peak Area (A-s): 0.107 — Peak Height (A): 0.147
Background Pk Area (A-s): 0.509 — Background Pk Height (A): 0.290
Blank Corrected Pk Area (A-s): 0.109
Concentration (ug/L): 28.4

Replicate 2 — Time: 13:29
Peak Area (A-s): 0.110 — Peak Height (A): 0.153
Background Pk Area (A-s): 0.510 — Background Pk Height (A): 0.305
Blank Corrected Pk Area (A-s): 0.111
Concentration (ug/L): 29.0
~~~~~~

Mean Conc (ug/L): 28.7 SD: 0.44 RSD(%): 1.54

Recovery is 103.0%

~~~~~~

As ID: MFQ332 Seq. No.: 00049 A/S Pos.: 18 Date: 02/20/92

Replicate 1 Time: 13:32
Peak Area (A-s): 0.037 Peak Height (A): 0.100
Background Pk Area (A-s): 0.305 Background Pk Height (A): 0.258
Blank Corrected Pk Area (A-s): 0.039
Concentration (ug/L): 9.9

Replicate 2 Time: 13:35
Peak Area (A-s): 0.036 Peak Height (A): 0.056
Background Pk Area (A-s): 0.292 Background Pk Height (A): 0.163
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 9.7

Mean Conc (ug/L): 9.8 SD: 0.16 RSD(%): 1.60

~~~~~~

As ID: MFQ332 A Seq. No.: 00050 A/S Pos.: 18 Date: 02/20/92

Replicate 1 Time: 13:38
Peak Area (A-s): 0.115 Peak Height (A): 0.178
Background Pk Area (A-s): 0.287 Background Pk Height (A): 0.176
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L): 30.6

Replicate 2 Time: 13:41
Peak Area (A-s): 0.116 Peak Height (A): 0.182
Background Pk Area (A-s): 0.281 Background Pk Height (A): 0.176
Blank Corrected Pk Area (A-s): 0.118
Concentration (ug/L): 30.8

Mean Conc (ug/L): 30.7 SD: 0.14 RSD(%): 0.44

Recovery is 104.3%

~~~~~~

As ID: MFQ333 1/2 DIL Seq. No.: 00051 A/S Pos.: 19 Date: 02/20/92

Replicate 1 Time: 13:45
Peak Area (A-s): 0.017 Peak Height (A): 0.034
Background Pk Area (A-s): 0.286 Background Pk Height (A): 0.164
Blank Corrected Pk Area (A-s): 0.018
Concentration (ug/L): 4.7

Replicate 2 Time: 13:48
Peak Area (A-s): 0.017 Peak Height (A): 0.084
Background Pk Area (A-s): 0.280 Background Pk Height (A): 0.164
Blank Corrected Pk Area (A-s): 0.018
Concentration (ug/L): 4.6

Mean Conc (ug/L): 4.7 SD: 0.06 RSD(%): 1.27

~~~~~~

As ID: MFQ333 1/2 DIL A Seq. No.: 00052 A/S Pos.: 19 Date: 02/20/92

Replicate 1 Time: 13:51
Peak Area (A-s): 0.093 Peak Height (A): 0.141
Background Pk Area (A-s): 0.268 Background Pk Height (A): 0.177
Blank Corrected Pk Area (A-s): 0.094
Concentration (ug/L): 24.6

Replicate 2 Time: 13:54
Peak Area (A-s): 0.094 Peak Height (A): 0.141
Background Pk Area (A-s): 0.268 Background Pk Height (A): 0.174
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L): 24.9

Mean Conc (ug/L): 24.8 SD: 0.26 RSD(%): 1.05

Recovery is 100.3%

~~~~~~

As ID: ~~ICV~~/CCV Seq. No.: 00053 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 13:57
Peak Area (A-s): 0.183 Peak Height (A): 0.363
Background Pk Area (A-s): 0.111 Background Pk Height (A): 0.135
Blank Corrected Pk Area (A-s): 0.185
Concentration (ug/L): 49.0

Replicate 2 Time: 14:00
Peak Area (A-s): 0.184 Peak Height (A): 0.383
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.186
Concentration (ug/L): 49.3

Mean Conc (ug/L): 49.2 SD: 0.26 RSD(%): 0.54

Check sample is within range 42.66 - 52.14

~~~~~~

As ID: ~~ICB~~/CCB Seq. No.: 00054 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 14:04
Peak Area (A-s): -0.002 Peak Height (A): 0.006
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L): -0.1

Replicate 2 Time: 14:07
Peak Area (A-s): -0.003 Peak Height (A): 0.006
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.5

Mean Conc (ug/L): -0.3 SD: 0.26 RSD(%): 99.28

Check sample is within range -3.0 - 3.0

~~~~~~

As ID: MFQ334 1/2 DIL Seq. No.: 00055 A/S Pos.: 20 Date: 02/20/92

Replicate 1 Time: 14:10
Peak Area (A-s): 0.045 Peak Height (A): 0.069
~~~~~~

Background Pk Area (A-s): 0.200 Background Pk Height (A): 0.122
Blank Corrected Pk Area (A-s): 0.046
Concentration (ug/L): 11.9

Replicate 2 Time: 14:13
Peak Area (A-s): 0.045 Peak Height (A): 0.072
Background Pk Area (A-s): 0.228 Background Pk Height (A): 0.137
Blank Corrected Pk Area (A-s): 0.046
Concentration (ug/L): 11.9

Mean Conc (ug/L): 11.9 SD: 0.04 RSD(%): 0.29

~~~~~~

As ID: MFQ334 1/2 DILA Seq. No.: 00056 A/S Pos.: 20 Date: 02/20/92

Replicate 1 Time: 14:16
Peak Area (A-s): 0.123 Peak Height (A): 0.188
Background Pk Area (A-s): 0.226 Background Pk Height (A): 0.148
Blank Corrected Pk Area (A-s): 0.125
Concentration (ug/L): 32.6

Replicate 2 Time: 14:19
Peak Area (A-s): 0.127 Peak Height (A): 0.186
Background Pk Area (A-s): 0.233 Background Pk Height (A): 0.149
Blank Corrected Pk Area (A-s): 0.128
Concentration (ug/L): 33.6

Mean Conc (ug/L): 33.1 SD: 0.65 RSD(%): 1.95

Recovery is 105.9%

~~~~~~

As ID: MFQ334D 1/2 DIL Seq. No.: 00057 A/S Pos.: 21 Date: 02/20/92

Replicate 1 Time: 14:23
Peak Area (A-s): 0.045 Peak Height (A): 0.070
Background Pk Area (A-s): 0.234 Background Pk Height (A): 0.139
Blank Corrected Pk Area (A-s): 0.046
Concentration (ug/L): 11.9

Replicate 2 Time: 14:27
Peak Area (A-s): 0.046 Peak Height (A): 0.072
Background Pk Area (A-s): 0.231 Background Pk Height (A): 0.138
Blank Corrected Pk Area (A-s): 0.048
Concentration (ug/L): 12.3

Mean Conc (ug/L): 12.1 SD: 0.28 RSD(%): 2.30

~~~~~~

As ID: MFQ334D 1/2 DILA Seq. No.: 00058 A/S Pos.: 21 Date: 02/20/92

Replicate 1 Time: 14:30
Peak Area (A-s): 0.120 Peak Height (A): 0.188
Background Pk Area (A-s): 0.223 Background Pk Height (A): 0.148
Blank Corrected Pk Area (A-s): 0.122
Concentration (ug/L): 31.9

Replicate 2 Time: 14:33
Peak Area (A-s): 0.127 Peak Height (A): 0.191
~~~~~~

Background Pk Area (A-s): 0.229   Background Pk Height (A): 0.145
Blank Corrected Pk Area (A-s): 0.129
Concentration (ug/L): 33.7

Mean Conc (ug/L): 32.8   SD: 1.30   RSD(%): 3.98

Recovery is 103.5%

~~~~~~

As   ID: MFQ334S 1/2 DIL   Seq. No.: 00059   A/S Pos.: 22   Date: 02/20/92

Replicate 1   Time: 14:36
Peak Area (A-s): 0.119   Peak Height (A): 0.169
Background Pk Area (A-s): 0.242   Background Pk Height (A): 0.144
Blank Corrected Pk Area (A-s): 0.120
Concentration (ug/L): 31.4

Replicate 2   Time: 14:39
Peak Area (A-s): 0.118   Peak Height (A): 0.173
Background Pk Area (A-s): 0.244   Background Pk Height (A): 0.151
Blank Corrected Pk Area (A-s): 0.119
Concentration (ug/L): 31.3

Mean Conc (ug/L): 31.3   SD: 0.12   RSD(%): 0.38

~~~~~~

As   ID: MFQ335 1/2 DIL ADS   Seq. No.: 00060   A/S Pos.: 23   Date: 02/20/92

Replicate 1   Time: 14:43
Peak Area (A-s): 0.004   Peak Height (A): 0.065
Background Pk Area (A-s): 0.191   Background Pk Height (A): 0.116
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.4

Replicate 2   Time: 14:46
Peak Area (A-s): 0.002   Peak Height (A): 0.014
Background Pk Area (A-s): 0.182   Background Pk Height (A): 0.114
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 0.9

Mean Conc (ug/L): 1.2   SD: 0.35   RSD(%): 29.65

~~~~~~

As   ID: MFQ335 1/2 DIL A   Seq. No.: 00061   A/S Pos.: 23   Date: 02/20/92

Replicate 1   Time: 14:49
Peak Area (A-s): 0.081   Peak Height (A): 0.145
Background Pk Area (A-s): 0.173   Background Pk Height (A): 0.117
Blank Corrected Pk Area (A-s): 0.083
Concentration (ug/L): 21.5

Replicate 2   Time: 14:52
Peak Area (A-s): 0.078   Peak Height (A): 0.142
Background Pk Area (A-s): 0.177   Background Pk Height (A): 0.117
Blank Corrected Pk Area (A-s): 0.079
Concentration (ug/L): 20.6

Mean Conc (ug/L): 21.0   SD: 0.63   RSD(%): 3.00
~~~~~~

Recovery is 99.1%

~~~~~~

As ID: MFQ336 1/5 DIL Seq. No.: 00062 A/S Pos.: 24 Date: 02/20/92

Replicate 1 Time: 14:56
Peak Area (A-s): 0.000 Peak Height (A): 0.016
Background Pk Area (A-s): 0.180 Background Pk Height (A): 0.116
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.5

Replicate 2 Time: 14:59
Peak Area (A-s): 0.001 Peak Height (A): 0.032
Background Pk Area (A-s): 0.184 Background Pk Height (A): 0.118
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.7

Mean Conc (ug/L): 0.6 SD: 0.12 RSD(%): 20.77

~~~~~~

As ID: MFQ336 1/5 DIL A Seq. No.: 00063 A/S Pos.: 24 Date: 02/20/92

Replicate 1 Time: 15:02
Peak Area (A-s): 0.080 Peak Height (A): 0.139
Background Pk Area (A-s): 0.175 Background Pk Height (A): 0.121
Blank Corrected Pk Area (A-s): 0.082
Concentration (ug/L): 21.2

Replicate 2 Time: 15:05
Peak Area (A-s): 0.076 Peak Height (A): 0.135
Background Pk Area (A-s): 0.170 Background Pk Height (A): 0.121
Blank Corrected Pk Area (A-s): 0.077
Concentration (ug/L): 20.0

Mean Conc (ug/L): 20.6 SD: 0.88 RSD(%): 4.28

Recovery is 100.2%

~~~~~~

As ID: ~~ICV~~/CCV Seq. No.: 00064 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 15:09
Peak Area (A-s): 0.188 Peak Height (A): 0.343
Background Pk Area (A-s): 0.095 Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): 0.189
Concentration (ug/L): 50.2

Replicate 2 Time: 15:12
Peak Area (A-s): 0.187 Peak Height (A): 0.378
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.189
Concentration (ug/L): 50.2

Mean Conc (ug/L): 50.2 SD: 0.06 RSD(%): 0.12

Check sample is within range 42.66 - 52.14

~~~~~~

As ID: ~~ICB~~/CCB Seq. No.: 00065 A/S Pos.: 40 Date: 02/20/92

Replicate 1 — Time: 15:15
Peak Area (A-s): -0.003 — Peak Height (A): 0.005
Background Pk Area (A-s): 0.064 — Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.4

Replicate 2 — Time: 15:18
Peak Area (A-s): -0.001 — Peak Height (A): 0.005
Background Pk Area (A-s): 0.063 — Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.0

Mean Conc (ug/L): -0.2 SD: 0.29 RSD(%): 162.02

Check sample is within range -3.0 - 3.0

~~~~~~

As ID: MFQ337 Seq. No.: 00066 A/S Pos.: 25 Date: 02/20/92

Replicate 1 — Time: 15:21
Peak Area (A-s): 0.010 — Peak Height (A): 0.019
Background Pk Area (A-s): 0.280 — Background Pk Height (A): 0.168
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L): 2.9

Replicate 2 — Time: 15:24
Peak Area (A-s): 0.010 — Peak Height (A): 0.067
Background Pk Area (A-s): 0.323 — Background Pk Height (A): 0.178
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L): 2.9

Mean Conc (ug/L): 2.9 SD: 0.05 RSD(%): 1.82

~~~~~~

As ID: MFQ337A Seq. No.: 00067 A/S Pos.: 25 Date: 02/20/92

Replicate 1 — Time: 15:28
Peak Area (A-s): 0.089 — Peak Height (A): 0.121
Background Pk Area (A-s): 0.331 — Background Pk Height (A): 0.200
Blank Corrected Pk Area (A-s): 0.091
Concentration (ug/L): 23.6

Replicate 2 — Time: 15:31
Peak Area (A-s): 0.090 — Peak Height (A): 0.123
Background Pk Area (A-s): 0.331 — Background Pk Height (A): 0.200
Blank Corrected Pk Area (A-s): 0.091
Concentration (ug/L): 23.7

Mean Conc (ug/L): 23.6 SD: 0.05 RSD(%): 0.21

Recovery is 103.7%

~~~~~~

As ID: MFQ338 Seq. No.: 00068 A/S Pos.: 26 Date: 02/20/92

Replicate 1 — Time: 15:34
Peak Area (A-s): 0.014 — Peak Height (A): 0.055
Background Pk Area (A-s): 0.382 — Background Pk Height (A): 0.205
Blank Corrected Pk Area (A-s): 0.015
~~~~~~

Concentration (ug/L): 3.9

Replicate 2 Time: 15:37
Peak Area (A-s): 0.012 Peak Height (A): 0.083
Background Pk Area (A-s): 0.391 Background Pk Height (A): 0.202
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L): 3.4

Mean Conc (ug/L): 3.7 SD: 0.36 RSD(%): 9.72

~~~~~~

As ID: MFQ338A Seq. No.: 00069 A/S Pos.: 26 Date: 02/20/92

Replicate 1 Time: 15:41
Peak Area (A-s): 0.090 Peak Height (A): 0.121
Background Pk Area (A-s): 0.393 Background Pk Height (A): 0.222
Blank Corrected Pk Area (A-s): 0.092
Concentration (ug/L): 23.8

Replicate 2 Time: 15:44
Peak Area (A-s): 0.088 Peak Height (A): 0.122
Background Pk Area (A-s): 0.386 Background Pk Height (A): 0.216
Blank Corrected Pk Area (A-s): 0.090
Concentration (ug/L): 23.3

Mean Conc (ug/L): 23.6 SD: 0.34 RSD(%): 1.43

Recovery is 99.6%

~~~~~~

As ID: MFQ339 Seq. No.: 00070 A/S Pos.: 27 Date: 02/20/92

Replicate 1 Time: 15:47
Peak Area (A-s): 0.015 Peak Height (A): 0.021
Background Pk Area (A-s): 0.385 Background Pk Height (A): 0.193
Blank Corrected Pk Area (A-s): 0.016
Concentration (ug/L): 4.2

Replicate 2 Time: 15:51
Peak Area (A-s): 0.015 Peak Height (A): 0.054
Background Pk Area (A-s): 0.387 Background Pk Height (A): 0.210
Blank Corrected Pk Area (A-s): 0.016
Concentration (ug/L): 4.1

Mean Conc (ug/L): 4.1 SD: 0.05 RSD(%): 1.10

~~~~~~

As ID: MFQ339A Seq. No.: 00071 A/S Pos.: 27 Date: 02/20/92

Replicate 1 Time: 15:54
Peak Area (A-s): 0.095 Peak Height (A): 0.120
Background Pk Area (A-s): 0.380 Background Pk Height (A): 0.243
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L): 25.0

Replicate 2 Time: 15:57
Peak Area (A-s): 0.094 Peak Height (A): 0.122
Background Pk Area (A-s): 0.377 Background Pk Height (A): 0.215
Blank Corrected Pk Area (A-s): 0.095
~~~~~~

Concentration (ug/L): 24.7

Mean Conc (ug/L): 24.9 SD: 0.20 RSD(%): 0.79

Recovery is 103.7%

~~~~~~

As ID: MFQ340 Seq. No.: 00072 A/S Pos.: 28 Date: 02/20/92

Replicate 1 Time: 16:00
Peak Area (A-s): 0.022 Peak Height (A): 0.106
Background Pk Area (A-s): 0.387 Background Pk Height (A): 0.192
Blank Corrected Pk Area (A-s): 0.024
Concentration (ug/L): 6.1

Replicate 2 Time: 16:03
Peak Area (A-s): 0.019 Peak Height (A): 0.027
Background Pk Area (A-s): 0.387 Background Pk Height (A): 0.194
Blank Corrected Pk Area (A-s): 0.021
Concentration (ug/L): 5.3

Mean Conc (ug/L): 5.7 SD: 0.60 RSD(%): 10.47

~~~~~~

As ID: MFQ340A Seq. No.: 00073 A/S Pos.: 28 Date: 02/20/92

Replicate 1 Time: 16:07
Peak Area (A-s): 0.097 Peak Height (A): 0.132
Background Pk Area (A-s): 0.387 Background Pk Height (A): 0.213
Blank Corrected Pk Area (A-s): 0.099
Concentration (ug/L): 25.8

Replicate 2 Time: 16:10
Peak Area (A-s): 0.094 Peak Height (A): 0.133
Background Pk Area (A-s): 0.397 Background Pk Height (A): 0.223
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L): 24.9

Mean Conc (ug/L): 25.3 SD: 0.63 RSD(%): 2.49

Recovery is 98.1%

~~~~~~

As ID: MX3226 Seq. No.: 00074 A/S Pos.: 29 Date: 02/20/92

Replicate 1 Time: 16:13
Peak Area (A-s): 0.203 Peak Height (A): 0.380
Background Pk Area (A-s): 0.116 Background Pk Height (A): 0.069
Blank Corrected Pk Area (A-s): 0.204
Concentration (ug/L): 54.4

Replicate 2 Time: 16:16
Peak Area (A-s): 0.214 Peak Height (A): 0.447
Background Pk Area (A-s): 0.079 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.216
Concentration (ug/L): 57.6

Mean Conc (ug/L): 56.0 SD: 2.28 RSD(%): 4.06
~~~~~~

As ID: MX3226 A Seq. No.: 00075 A/S Pos.: 29 Date: 02/20/92

Replicate 1 Time: 16:20
Peak Area (A-s): 0.268 Peak Height (A): 0.555
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.269
Concentration (ug/L): 72.7

Replicate 2 Time: 16:23
Peak Area (A-s): 0.271 Peak Height (A): 0.577
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.272
Concentration (ug/L): 73.4

Mean Conc (ug/L): 73.1 SD: 0.52 RSD(%): 0.70

Recovery is 85.3%

As ID: ~~ICV~~/CCV Seq. No.: 00076 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 16:26
Peak Area (A-s): 0.193 Peak Height (A): 0.408
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.195
Concentration (ug/L): 51.7

Replicate 2 Time: 16:29
Peak Area (A-s): 0.183 Peak Height (A): 0.380
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.185
Concentration (ug/L): 49.0

Mean Conc (ug/L): 50.4 SD: 1.90 RSD(%): 3.77

Check sample is within range 42.66 - 52.14

As ID: ~~ICB~~/CCB Seq. No.: 00077 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 16:32
Peak Area (A-s): -0.002 Peak Height (A): 0.007
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.2

Replicate 2 Time: 16:35
Peak Area (A-s): -0.001 Peak Height (A): 0.009
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.0

Mean Conc (ug/L): -0.1 SD: 0.17 RSD(%): 151.88

Check sample is within range -3.0 - 3.0

Element File: AS_CLP.GEL Element: As Wavelength: 193.7
Date: 02/20/92 Time: 18:30 Slit: 0.7
Data File: 2A17AS.DAT ID/Wt File: RERUNS.IDW Lamp Current: 0
Technique: HGA Calib. Type: Nonlinear Energy: 53
Remark 1: All Standards made 02/20/92 at 6:00am from stock solution
Remark 2: dated 01/17/92.
Remark 3: The stock solutions were prepared from SPEX Plasma standard.
Remark 4: All concentrations were calculated based on peak areas.
Remark 5: Analyst: D. Seymour

As ID: Blank S0 Seq. No.: 00001 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 18:30
Peak Area (A-s): -0.000 Peak Height (A): 0.013
Background Pk Area (A-s): 0.101 Background Pk Height (A): 0.198
Blank Corrected Pk Area (A-s): -0.000

Replicate 2 Time: 18:33
Peak Area (A-s): 0.003 Peak Height (A): 0.011
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.003

Mean Pk Area (A-s): 0.001 SD: 0.0021 RSD(%): 198.61

Auto-zero performed.

As ID: Standard 1 S10 Seq. No.: 00002 A/S Pos.: 0 Date: 02/20/92

Replicate 1 Time: 18:36
Peak Area (A-s): 0.042 Peak Height (A): 0.097
Background Pk Area (A-s): 0.055 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.041

Replicate 2 Time: 18:39
Peak Area (A-s): 0.044 Peak Height (A): 0.104
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.043

Mean Pk Area (A-s): 0.042 SD: 0.0015 RSD(%): 3.58

Standard number 1 applied. [10.0]
Correlation coefficient: 1.00000 Slope: 0.0042

As ID: Standard 2 S20 Seq. No.: 00003 A/S Pos.: 37 Date: 02/20/92

Replicate 1 Time: 18:42
Peak Area (A-s): 0.085 Peak Height (A): 0.186
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.084
Concentration (ug/L): 19.8

Replicate 2 Time: 18:45
Peak Area (A-s): 0.084 Peak Height (A): 0.187
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.083

Concentration (ug/L): 19.7

Mean Conc (ug/L): 19.8 SD: 0.08 RSD(%): 0.40

Standard number 2 applied. [20.0]
Correlation coefficient: 1.00000 Slope: 0.0043

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As ID: Standard 3 540 Seq. No.: 00004 A/S Pos.: 38 Date: 02/20/92

Replicate 1 Time: 18:48
Peak Area (A-s): 0.169 Peak Height (A): 0.342
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.168
Concentration (ug/L): 41.3

Replicate 2 Time: 18:52
Peak Area (A-s): 0.170 Peak Height (A): 0.355
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.169
Concentration (ug/L): 41.5

Mean Conc (ug/L): 41.4 SD: 0.17 RSD(%): 0.41

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 3 applied. [40.0]
Correlation coefficient: 0.99997 Slope: 0.0042

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As ID: Standard 4 580 Seq. No.: 00005 A/S Pos.: 39 Date: 02/20/92

Replicate 1 Time: 18:55
Peak Area (A-s): 0.336 Peak Height (A): 0.664
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.335
Concentration (ug/L): 79.4

Replicate 2 Time: 18:58
Peak Area (A-s): 0.344 Peak Height (A): 0.691
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.343
Concentration (ug/L): 81.4

Mean Conc (ug/L): 80.4 SD: 1.37 RSD(%): 1.71

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 4 applied. [80.0]
Correlation coefficient: 1.00000 Slope: 0.0042

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As ID: ICV/~~CCV~~ Seq. No.: 00006 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 19:03
Peak Area (A-s): 0.217 Peak Height (A): 0.440
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.216
Concentration (ug/L): 51.1

Replicate 2 Time: 19:06
~~~~~~

Peak Area (A-s): 0.218 Peak Height (A): 0.443
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.216
Concentration (ug/L): 51.4

Mean Conc (ug/L): 51.3 SD: 0.16 RSD(%): 0.31

Check sample is within range 42.66 - 52.14

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As ID: ICB/~~CCB~~ Seq. No.: 00007 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 19:10
Peak Area (A-s): -0.007 Peak Height (A): 0.013
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): -0.008
Concentration (ug/L): -2.0

Replicate 2 Time: 19:13
Peak Area (A-s): -0.002 Peak Height (A): 0.011
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L): -0.8

Mean Conc (ug/L): -1.4 SD: 0.84 RSD(%): 58.05

Check sample is within range -3.0 - 3.0

~~~~~~

As ID: CRA Seq. No.: 00008 A/S Pos.: 0 Date: 02/20/92

Replicate 1 Time: 19:16
Peak Area (A-s): 0.038 Peak Height (A): 0.093
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.037
Concentration (ug/L): 8.7

Replicate 2 Time: 19:19
Peak Area (A-s): 0.034 Peak Height (A): 0.092
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 8.0

Mean Conc (ug/L): 8.4 SD: 0.56 RSD(%): 6.71

~~~~~~

As ID: MFQ311 Seq. No.: 00009 A/S Pos.: 1 Date: 02/20/92

Replicate 1 Time: 19:22
Peak Area (A-s): 0.010 Peak Height (A): 0.025
Background Pk Area (A-s): 0.480 Background Pk Height (A): 0.255
Blank Corrected Pk Area (A-s): 0.009
Concentration (ug/L): 2.2

Replicate 2 Time: 19:25
Peak Area (A-s): 0.016 Peak Height (A): 0.035
Background Pk Area (A-s): 0.556 Background Pk Height (A): 0.273
Blank Corrected Pk Area (A-s): 0.015
Concentration (ug/L): 3.7
~~~~~~

Mean Conc (ug/L): 2.9 SD: 1.02 RSD(%): 34.60

~~~~~~

As ID: MFQ311A Seq. No.: 00010 A/S Pos.: 1 Date: 02/20/92

Replicate 1 Time: 19:28
Peak Area (A-s): 0.103 Peak Height (A): 0.185
Background Pk Area (A-s): 0.627 Background Pk Height (A): 0.307
Blank Corrected Pk Area (A-s): 0.102
Concentration (ug/L): 24.3

Replicate 2 Time: 19:32
Peak Area (A-s): 0.104 Peak Height (A): 0.197
Background Pk Area (A-s): 0.595 Background Pk Height (A): 0.304
Blank Corrected Pk Area (A-s): 0.103
Concentration (ug/L): 24.6

Mean Conc (ug/L): 24.4 SD: 0.22 RSD(%): 0.89

Recovery is 107.5%

~~~~~~

As ID: MFQ314 Seq. No.: 00011 A/S Pos.: 2 Date: 02/20/92

Replicate 1 Time: 19:35
Peak Area (A-s): 0.008 Peak Height (A): 0.020
Background Pk Area (A-s): 0.309 Background Pk Height (A): 0.171
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 1.6

Replicate 2 Time: 19:38
Peak Area (A-s): 0.009 Peak Height (A): 0.022
Background Pk Area (A-s): 0.284 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.008
Concentration (ug/L): 1.9

Mean Conc (ug/L): 1.8 SD: 0.23 RSD(%): 13.20

~~~~~~

As ID: MFQ314A Seq. No.: 00012 A/S Pos.: 2 Date: 02/20/92

Replicate 1 Time: 19:41
Peak Area (A-s): 0.090 Peak Height (A): 0.136
Background Pk Area (A-s): 0.279 Background Pk Height (A): 0.167
Blank Corrected Pk Area (A-s): 0.089
Concentration (ug/L): 21.2

Replicate 2 Time: 19:44
Peak Area (A-s): 0.092 Peak Height (A): 0.144
Background Pk Area (A-s): 0.278 Background Pk Height (A): 0.170
Blank Corrected Pk Area (A-s): 0.091
Concentration (ug/L): 21.6

Mean Conc (ug/L): 21.4 SD: 0.30 RSD(%): 1.41

Recovery is 98.2%

~~~~~~

As ID: MFQ324 Seq. No.: 00013 A/S Pos.: 3 Date: 02/20/92

Replicate 1 Time: 19:48
Peak Area (A-s): 0.068 Peak Height (A): 0.070
Background Pk Area (A-s): 0.430 Background Pk Height (A): 0.205
Blank Corrected Pk Area (A-s): 0.067
Concentration (ug/L): 16.0

Replicate 2 Time: 19:51
Peak Area (A-s): 0.065 Peak Height (A): 0.069
Background Pk Area (A-s): 0.439 Background Pk Height (A): 0.210
Blank Corrected Pk Area (A-s): 0.064
Concentration (ug/L): 15.2

Mean Conc (ug/L): 15.6 SD: 0.59 RSD(%): 3.76

~~~~~~

As ID: MFQ324A Seq. No.: 00014 A/S Pos.: 3 Date: 02/20/92

Replicate 1 Time: 19:54
Peak Area (A-s): 0.146 Peak Height (A): 0.172
Background Pk Area (A-s): 0.464 Background Pk Height (A): 0.239
Blank Corrected Pk Area (A-s): 0.145
Concentration (ug/L): 34.5

Replicate 2 Time: 19:57
Peak Area (A-s): 0.145 Peak Height (A): 0.158
Background Pk Area (A-s): 0.442 Background Pk Height (A): 0.236
Blank Corrected Pk Area (A-s): 0.144
Concentration (ug/L): 34.3

Mean Conc (ug/L): 34.4 SD: 0.19 RSD(%): 0.55

Recovery is 93.9%

~~~~~~

As ID: MFQ327 Seq. No.: 00015 A/S Pos.: 4 Date: 02/20/92

Replicate 1 Time: 20:01
Peak Area (A-s): 0.164 Peak Height (A): 0.197
Background Pk Area (A-s): 0.593 Background Pk Height (A): 0.279
Blank Corrected Pk Area (A-s): 0.163
Concentration (ug/L): 38.7

Replicate 2 Time: 20:04
Peak Area (A-s): 0.160 Peak Height (A): 0.191
Background Pk Area (A-s): 0.633 Background Pk Height (A): 0.287
Blank Corrected Pk Area (A-s): 0.159
Concentration (ug/L): 37.9

Mean Conc (ug/L): 38.3 SD: 0.54 RSD(%): 1.40

~~~~~~

As ID: MFQ327A Seq. No.: 00016 A/S Pos.: 4 Date: 02/20/92

Replicate 1 Time: 20:07
Peak Area (A-s): 0.242 Peak Height (A): 0.324
Background Pk Area (A-s): 0.687 Background Pk Height (A): 0.329
Blank Corrected Pk Area (A-s): 0.241
Concentration (ug/L): 57.2
~~~~~~

Replicate 2 Time: 20:10
Peak Area (A-s): 0.246 Peak Height (A): 0.339
Background Pk Area (A-s): 0.679 Background Pk Height (A): 0.331
Blank Corrected Pk Area (A-s): 0.245
Concentration (ug/L): 58.1

Mean Conc (ug/L): 57.7 SD: 0.63 RSD(%): 1.10

Recovery is 96.9%

~~~~~~

As ID: ~~ICV~~/CCV Seq. No.: 00017 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 20:13
Peak Area (A-s): 0.207 Peak Height (A): 0.392
Background Pk Area (A-s): 0.141 Background Pk Height (A): 0.252
Blank Corrected Pk Area (A-s): 0.206
Concentration (ug/L): 49.0

Replicate 2 Time: 20:17
Peak Area (A-s): 0.211 Peak Height (A): 0.422
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.051
Blank Corrected Pk Area (A-s): 0.210
Concentration (ug/L): 49.8

Mean Conc (ug/L): 49.4 SD: 0.57 RSD(%): 1.16

Check sample is within range 42.66 - 52.14

~~~~~~

As ID: ~~ICB~~/CCB Seq. No.: 00018 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 20:20
Peak Area (A-s): 0.000 Peak Height (A): 0.012
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.2

Replicate 2 Time: 20:23
Peak Area (A-s): -0.005 Peak Height (A): 0.014
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): -0.006
Concentration (ug/L): -1.5

Mean Conc (ug/L): -0.8 SD: 0.92 RSD(%): 108.90

Check sample is within range -3.0 - 3.0

~~~~~~

As ID: MFQ328 Seq. No.: 00019 A/S Pos.: 5 Date: 02/20/92

Replicate 1 Time: 20:26
Peak Area (A-s): 0.111 Peak Height (A): 0.129
Background Pk Area (A-s): 0.372 Background Pk Height (A): 0.192
Blank Corrected Pk Area (A-s): 0.110
Concentration (ug/L): 26.2

Replicate 2 Time: 20:29
Peak Area (A-s): 0.107 Peak Height (A): 0.120
~~~~~~

Background Pk Area (A-s): 0.398 Background Pk Height (A): 0.198
Blank Corrected Pk Area (A-s): 0.105
Concentration (ug/L): 25.1

Mean Conc (ug/L): 25.7 SD: 0.75 RSD(%): 2.92

~~~~~~

As ID: MFQ328A Seq. No.: 00020 A/S Pos.: 5 Date: 02/20/92

Replicate 1 Time: 20:32
Peak Area (A-s): 0.190 Peak Height (A): 0.223
Background Pk Area (A-s): 0.406 Background Pk Height (A): 0.217
Blank Corrected Pk Area (A-s): 0.189
Concentration (ug/L): 44.9

Replicate 2 Time: 20:36
Peak Area (A-s): 0.195 Peak Height (A): 0.228
Background Pk Area (A-s): 0.415 Background Pk Height (A): 0.221
Blank Corrected Pk Area (A-s): 0.194
Concentration (ug/L): 46.1

Mean Conc (ug/L): 45.5 SD: 0.89 RSD(%): 1.97

Recovery is 99.2%

~~~~~~

As ID: MFQ329 Seq. No.: 00021 A/S Pos.: 6 Date: 02/20/92

Replicate 1 Time: 20:39
Peak Area (A-s): 0.116 Peak Height (A): 0.106
Background Pk Area (A-s): 0.349 Background Pk Height (A): 0.159
Blank Corrected Pk Area (A-s): 0.115
Concentration (ug/L): 27.4

Replicate 2 Time: 20:42
Peak Area (A-s): 0.116 Peak Height (A): 0.098
Background Pk Area (A-s): 0.343 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.115
Concentration (ug/L): 27.5

Mean Conc (ug/L): 27.4 SD: 0.08 RSD(%): 0.28

~~~~~~

As ID: MFQ329A Seq. No.: 00022 A/S Pos.: 6 Date: 02/20/92

Replicate 1 Time: 20:45
Peak Area (A-s): 0.192 Peak Height (A): 0.174
Background Pk Area (A-s): 0.335 Background Pk Height (A): 0.167
Blank Corrected Pk Area (A-s): 0.191
Concentration (ug/L): 45.5

Replicate 2 Time: 20:49
Peak Area (A-s): 0.200 Peak Height (A): 0.181
Background Pk Area (A-s): 0.338 Background Pk Height (A): 0.172
Blank Corrected Pk Area (A-s): 0.199
Concentration (ug/L): 47.3

Mean Conc (ug/L): 46.4 SD: 1.31 RSD(%): 2.82
~~~~~~

Recovery is 94.9%

~~~~~~

As ID: MFQ330 Seq. No.: 00023 A/S Pos.: 7 Date: 02/20/92

Replicate 1 Time: 20:52
Peak Area (A-s): 0.023 Peak Height (A): 0.037
Background Pk Area (A-s): 0.437 Background Pk Height (A): 0.222
Blank Corrected Pk Area (A-s): 0.022
Concentration (ug/L): 5.2

Replicate 2 Time: 20:55
Peak Area (A-s): 0.021 Peak Height (A): 0.034
Background Pk Area (A-s): 0.432 Background Pk Height (A): 0.211
Blank Corrected Pk Area (A-s): 0.020
Concentration (ug/L): 4.8

Mean Conc (ug/L): 5.0 SD: 0.29 RSD(%): 5.92

~~~~~~

As ID: MFQ330A Seq. No.: 00024 A/S Pos.: 7 Date: 02/20/92

Replicate 1 Time: 20:58
Peak Area (A-s): 0.102 Peak Height (A): 0.135
Background Pk Area (A-s): 0.448 Background Pk Height (A): 0.254
Blank Corrected Pk Area (A-s): 0.101
Concentration (ug/L): 24.1

Replicate 2 Time: 21:02
Peak Area (A-s): 0.106 Peak Height (A): 0.137
Background Pk Area (A-s): 0.465 Background Pk Height (A): 0.245
Blank Corrected Pk Area (A-s): 0.105
Concentration (ug/L): 24.9

Mean Conc (ug/L): 24.5 SD: 0.60 RSD(%): 2.44

Recovery is 97.6%

~~~~~~

As ID: MFQ333 Seq. No.: 00025 A/S Pos.: 8 Date: 02/20/92

Replicate 1 Time: 21:05
Peak Area (A-s): 0.035 Peak Height (A): 0.048
Background Pk Area (A-s): 0.432 Background Pk Height (A): 0.205
Blank Corrected Pk Area (A-s): 0.034
Concentration (ug/L): 8.1

Replicate 2 Time: 21:08
Peak Area (A-s): 0.038 Peak Height (A): 0.054
Background Pk Area (A-s): 0.418 Background Pk Height (A): 0.200
Blank Corrected Pk Area (A-s): 0.037
Concentration (ug/L): 8.7

Mean Conc (ug/L): 8.4 SD: 0.46 RSD(%): 5.43

~~~~~~

As ID: MFQ333A Seq. No.: 00026 A/S Pos.: 8 Date: 02/20/92

Replicate 1 Time: 21:11

Peak Area (A-s): 0.118 Peak Height (A): 0.154
Background Pk Area (A-s): 0.440 Background Pk Height (A): 0.223
Blank Corrected Pk Area (A-s): 0.116
Concentration (ug/L): 27.7

Replicate 2 Time: 21:15
Peak Area (A-s): 0.128 Peak Height (A): 0.163
Background Pk Area (A-s): 0.436 Background Pk Height (A): 0.227
Blank Corrected Pk Area (A-s): 0.127
Concentration (ug/L): 30.3

Mean Conc (ug/L): 29.0 SD: 1.79 RSD(%): 6.18

Recovery is 103.0%

As ID: MFQ334 Seq. No.: 00027 A/S Pos.: 9 Date: 02/20/92

Replicate 1 Time: 21:18
Peak Area (A-s): 0.101 Peak Height (A): 0.116
Background Pk Area (A-s): 0.369 Background Pk Height (A): 0.178
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L): 23.8

Replicate 2 Time: 21:21
Peak Area (A-s): 0.101 Peak Height (A): 0.114
Background Pk Area (A-s): 0.370 Background Pk Height (A): 0.186
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L): 23.9

Mean Conc (ug/L): 23.8 SD: 0.08 RSD(%): 0.32

As ID: MFQ334 A Seq. No.: 00028 A/S Pos.: 9 Date: 02/20/92

Replicate 1 Time: 21:24
Peak Area (A-s): 0.192 Peak Height (A): 0.227
Background Pk Area (A-s): 0.376 Background Pk Height (A): 0.193
Blank Corrected Pk Area (A-s): 0.191
Concentration (ug/L): 45.3

Replicate 2 Time: 21:28
Peak Area (A-s): 0.186 Peak Height (A): 0.233
Background Pk Area (A-s): 0.372 Background Pk Height (A): 0.199
Blank Corrected Pk Area (A-s): 0.185
Concentration (ug/L): 43.9

Mean Conc (ug/L): 44.6 SD: 1.02 RSD(%): 2.29

Recovery is 103.9%

As ID: ~~ICV~~/CCV Seq. No.: 00029 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 21:31
Peak Area (A-s): 0.201 Peak Height (A): 0.390
Background Pk Area (A-s): 0.124 Background Pk Height (A): 0.112
Blank Corrected Pk Area (A-s): 0.200
Concentration (ug/L): 47.5

Replicate 2 Time: 21:34
Peak Area (A-s): 0.207 Peak Height (A): 0.404
Background Pk Area (A-s): 0.083 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.206
Concentration (ug/L): 49.0

Mean Conc (ug/L): 48.2 SD: 1.05 RSD(%): 2.18

Check sample is within range 42.66 - 52.14

~~~~~~

As ID: ~~ICB~~/CCB Seq. No.: 00030 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 21:37
Peak Area (A-s): 0.002 Peak Height (A): 0.014
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Replicate 2 Time: 21:40
Peak Area (A-s): -0.004 Peak Height (A): 0.012
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L): -1.2

Mean Conc (ug/L): -0.5 SD: 0.97 RSD(%): 196.05

Check sample is within range -3.0 - 3.0

~~~~~~

As ID: MFQ334D Seq. No.: 00031 A/S Pos.: 10 Date: 02/20/92

Replicate 1 Time: 21:43
Peak Area (A-s): 0.110 Peak Height (A): 0.129
Background Pk Area (A-s): 0.329 Background Pk Height (A): 0.172
Blank Corrected Pk Area (A-s): 0.109
Concentration (ug/L): 26.0

Replicate 2 Time: 21:47
Peak Area (A-s): 0.111 Peak Height (A): 0.124
Background Pk Area (A-s): 0.358 Background Pk Height (A): 0.182
Blank Corrected Pk Area (A-s): 0.110
Concentration (ug/L): 26.2

Mean Conc (ug/L): 26.1 SD: 0.13 RSD(%): 0.50

~~~~~~

As ID: MFQ334DA Seq. No.: 00032 A/S Pos.: 10 Date: 02/20/92

Replicate 1 Time: 21:50
Peak Area (A-s): 0.212 Peak Height (A): 0.240
Background Pk Area (A-s): 0.369 Background Pk Height (A): 0.195
Blank Corrected Pk Area (A-s): 0.211
Concentration (ug/L): 50.0

Replicate 2 Time: 21:53
Peak Area (A-s): 0.198 Peak Height (A): 0.228
Background Pk Area (A-s): 0.362 Background Pk Height (A): 0.192
Blank Corrected Pk Area (A-s): 0.197
~~~~~~

Concentration (ug/L): 46.7

Mean Conc (ug/L): 48.4 SD: 2.31 RSD(%): 4.78

Recovery is 111.2%

~~~~~~

As ID: MFQ334S Seq. No.: 00033 A/S Pos.: 11 Date: 02/20/92

Replicate 1 Time: 21:56
Peak Area (A-s): 0.261 Peak Height (A): 0.277
Background Pk Area (A-s): 0.378 Background Pk Height (A): 0.190
Blank Corrected Pk Area (A-s): 0.260
Concentration (ug/L): 61.6

Replicate 2 Time: 22:00
Peak Area (A-s): 0.265 Peak Height (A): 0.279
Background Pk Area (A-s): 0.378 Background Pk Height (A): 0.186
Blank Corrected Pk Area (A-s): 0.264
Concentration (ug/L): 62.5

Mean Conc (ug/L): 62.0 SD: 0.65 RSD(%): 1.04

~~~~~~

As ID: MFQ335 Seq. No.: 00034 A/S Pos.: 12 Date: 02/20/92

Replicate 1 Time: 22:03
Peak Area (A-s): 0.014 Peak Height (A): 0.027
Background Pk Area (A-s): 0.276 Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L): 3.1

Replicate 2 Time: 22:06
Peak Area (A-s): 0.011 Peak Height (A): 0.027
Background Pk Area (A-s): 0.275 Background Pk Height (A): 0.154
Blank Corrected Pk Area (A-s): 0.010
Concentration (ug/L): 2.4

Mean Conc (ug/L): 2.8 SD: 0.48 RSD(%): 17.39

~~~~~~

As ID: MFQ335A Seq. No.: 00035 A/S Pos.: 12 Date: 02/20/92

Replicate 1 Time: 22:09
Peak Area (A-s): 0.103 Peak Height (A): 0.152
Background Pk Area (A-s): 0.267 Background Pk Height (A): 0.163
Blank Corrected Pk Area (A-s): 0.101
Concentration (ug/L): 24.2

Replicate 2 Time: 22:12
Peak Area (A-s): 0.102 Peak Height (A): 0.154
Background Pk Area (A-s): 0.273 Background Pk Height (A): 0.169
Blank Corrected Pk Area (A-s): 0.101
Concentration (ug/L): 24.1

Mean Conc (ug/L): 24.1 SD: 0.05 RSD(%): 0.20

Recovery is 106.8%
~~~~~~

As ID: MFQ336 Seq. No.: 00036 A/S Pos.: 13 Date: 02/20/92

Replicate 1 Time: 22:16
Peak Area (A-s): 0.030 Peak Height (A): 0.037
Background Pk Area (A-s): 0.485 Background Pk Height (A): 0.244
Blank Corrected Pk Area (A-s): 0.029
Concentration (ug/L): 6.9

Replicate 2 Time: 22:19
Peak Area (A-s): 0.024 Peak Height (A): 0.053
Background Pk Area (A-s): 0.511 Background Pk Height (A): 0.246
Blank Corrected Pk Area (A-s): 0.023
Concentration (ug/L): 5.4

Mean Conc (ug/L): 6.1 SD: 1.04 RSD(%): 17.00

As ID: MFQ336 Seq. No.: 00037 A/S Pos.: 13 Date: 02/20/92

Replicate 1 Time: 22:22
Peak Area (A-s): 0.113 Peak Height (A): 0.162
Background Pk Area (A-s): 0.531 Background Pk Height (A): 0.278
Blank Corrected Pk Area (A-s): 0.112
Concentration (ug/L): 26.7

Replicate 2 Time: 22:25
Peak Area (A-s): 0.112 Peak Height (A): 0.166
Background Pk Area (A-s): 0.560 Background Pk Height (A): 0.281
Blank Corrected Pk Area (A-s): 0.111
Concentration (ug/L): 26.4

Mean Conc (ug/L): 26.6 SD: 0.22 RSD(%): 0.83

Recovery is 102.1%

As ID: PBW Seq. No.: 00038 A/S Pos.: 14 Date: 02/20/92

Replicate 1 Time: 22:28
Peak Area (A-s): -0.002 Peak Height (A): 0.076
Background Pk Area (A-s): 0.150 Background Pk Height (A): 0.168
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -0.6

Replicate 2 Time: 22:32
Peak Area (A-s): -0.007 Peak Height (A): 0.014
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): -0.008
Concentration (ug/L): -1.9

Mean Conc (ug/L): -1.3 SD: 0.89 RSD(%): 70.56

As ID: PBWA Seq. No.: 00039 A/S Pos.: 14 Date: 02/20/92

Replicate 1 Time: 22:35
Peak Area (A-s): 0.084 Peak Height (A): 0.187
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.032

Blank Corrected Pk Area (A-s): 0.083
Concentration (ug/L): 19.8

Replicate 2 Time: 22:38
Peak Area (A-s): 0.089 Peak Height (A): 0.184
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.088
Concentration (ug/L): 21.0

Mean Conc (ug/L): 20.4 SD: 0.87 RSD(%): 4.27

Recovery is 108.5%

~~~~~~

As ID: ~~ICV~~/CCV Seq. No.: 00040 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 22:41
Peak Area (A-s): 0.205 Peak Height (A): 0.420
Background Pk Area (A-s): 0.081 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.204
Concentration (ug/L): 48.3

Replicate 2 Time: 22:44
Peak Area (A-s): 0.208 Peak Height (A): 0.428
Background Pk Area (A-s): 0.077 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.207
Concentration (ug/L): 49.2

Mean Conc (ug/L): 48.7 SD: 0.61 RSD(%): 1.25

Check sample is within range 42.66 - 52.14

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As ID: ~~ICB~~/CCB Seq. No.: 00041 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 22:47
Peak Area (A-s): -0.004 Peak Height (A): 0.018
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L): -1.1

Replicate 2 Time: 22:51
Peak Area (A-s): -0.001 Peak Height (A): 0.015
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -0.6

Mean Conc (ug/L): -0.9 SD: 0.37 RSD(%): 42.80

Check sample is within range -3.0 - 3.0

~~~~~~

As ID: LCSW Seq. No.: 00042 A/S Pos.: 15 Date: 02/20/92

Replicate 1 Time: 22:54
Peak Area (A-s): 0.213 Peak Height (A): 0.449
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.212
Concentration (ug/L): 50.4
~~~~~~

Replicate 2
Peak Area (A-s): 0.207
Background Pk Area (A-s): 0.076
Blank Corrected Pk Area (A-s): 0.206
Concentration (ug/L): 48.9

Time: 22:57
Peak Height (A): 0.417
Background Pk Height (A): 0.044

Mean Conc (ug/L): 49.6 SD: 1.07 RSD(%): 2.17

~~~~~~

As ID: LCSWA Seq. No.: 00043 A/S Pos.: 15 Date: 02/20/92

Replicate 1
Peak Area (A-s): 0.291
Background Pk Area (A-s): 0.067
Blank Corrected Pk Area (A-s): 0.290
Concentration (ug/L): 68.6

Time: 23:00
Peak Height (A): 0.543
Background Pk Height (A): 0.049

Replicate 2
Peak Area (A-s): 0.289
Background Pk Area (A-s): 0.068
Blank Corrected Pk Area (A-s): 0.288
Concentration (ug/L): 68.2

Time: 23:03
Peak Height (A): 0.573
Background Pk Height (A): 0.042

Mean Conc (ug/L): 68.4 SD: 0.27 RSD(%): 0.39

Recovery is 94.1%

~~~~~~

As ID: MGK125 Seq. No.: 00044 A/S Pos.: 16 Date: 02/20/92

Replicate 1
Peak Area (A-s): 0.116
Background Pk Area (A-s): 0.112
Blank Corrected Pk Area (A-s): 0.115
Concentration (ug/L): 27.4

Time: 23:06
Peak Height (A): 0.245
Background Pk Height (A): 0.043

Replicate 2
Peak Area (A-s): 0.140
Background Pk Area (A-s): 0.103
Blank Corrected Pk Area (A-s): 0.139
Concentration (ug/L): 33.0

Time: 23:09
Peak Height (A): 0.264
Background Pk Height (A): 0.048

Mean Conc (ug/L): 30.2 SD: 3.93 RSD(%): 13.02

~~~~~~

As ID: MGK125A Seq. No.: 00045 A/S Pos.: 16 Date: 02/20/92

Replicate 1
Peak Area (A-s): 0.205
Background Pk Area (A-s): 0.100
Blank Corrected Pk Area (A-s): 0.204
Concentration (ug/L): 48.3

Time: 23:13
Peak Height (A): 0.393
Background Pk Height (A): 0.050

Replicate 2
Peak Area (A-s): 0.198
Background Pk Area (A-s): 0.104
Blank Corrected Pk Area (A-s): 0.197
Concentration (ug/L): 46.8

Time: 23:16
Peak Height (A): 0.402
Background Pk Height (A): 0.052
~~~~~~

Mean Conc (ug/L): 47.6 SD: 1.07 RSD(%): 2.24

Recovery is 86.8%

~~~~~~

As ID: MGK125D Seq. No.: 00046 A/S Pos.: 17 Date: 02/20/92

Replicate 1 Time: 23:19
Peak Area (A-s): 0.080 Peak Height (A): 0.131
Background Pk Area (A-s): 0.096 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.079
Concentration (ug/L): 18.9

Replicate 2 Time: 23:22
Peak Area (A-s): 0.132 Peak Height (A): 0.248
Background Pk Area (A-s): 0.102 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.131
Concentration (ug/L): 31.2

Mean Conc (ug/L): 25.1 SD: 8.65 RSD(%): 34.54

~~~~~~

As ID: MGK125DA Seq. No.: 00047 A/S Pos.: 17 Date: 02/20/92

Replicate 1 Time: 23:25
Peak Area (A-s): 0.180 Peak Height (A): 0.353
Background Pk Area (A-s): 0.102 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.178
Concentration (ug/L): 42.4

Replicate 2 Time: 23:29
Peak Area (A-s): 0.183 Peak Height (A): 0.374
Background Pk Area (A-s): 0.105 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.181
Concentration (ug/L): 43.1

Mean Conc (ug/L): 42.8 SD: 0.50 RSD(%): 1.18

Recovery is 88.5%

~~~~~~

As ID: MGK125S Seq. No.: 00048 A/S Pos.: 18 Date: 02/20/92

Replicate 1 Time: 23:32
Peak Area (A-s): 0.273 Peak Height (A): 0.535
Background Pk Area (A-s): 0.117 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.272
Concentration (ug/L): 64.5

Replicate 2 Time: 23:35
Peak Area (A-s): 0.189 Peak Height (A): 0.285
Background Pk Area (A-s): 0.099 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L): 44.7

Mean Conc (ug/L): 54.6 SD: 14.00 RSD(%): 25.64

~~~~~~

As ID: MGK126 Seq. No.: 00049 A/S Pos.: 19 Date: 02/20/92

Replicate 1 Time: 23:38
Peak Area (A-s): 0.086 Peak Height (A): 0.180
Background Pk Area (A-s): 0.131 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.085
Concentration (ug/L): 20.3

Replicate 2 Time: 23:41
Peak Area (A-s): 0.090 Peak Height (A): 0.169
Background Pk Area (A-s): 0.126 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.089
Concentration (ug/L): 21.1

Mean Conc (ug/L): 20.7 SD: 0.61 RSD(%): 2.92

~~~~~~

As ID: MGK126A Seq. No.: 00050 A/S Pos.: 19 Date: 02/20/92

Replicate 1 Time: 23:44
Peak Area (A-s): 0.167 Peak Height (A): 0.283
Background Pk Area (A-s): 0.118 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.166
Concentration (ug/L): 39.5

Replicate 2 Time: 23:48
Peak Area (A-s): 0.161 Peak Height (A): 0.290
Background Pk Area (A-s): 0.125 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.160
Concentration (ug/L): 38.1

Mean Conc (ug/L): 38.8 SD: 0.97 RSD(%): 2.51

Recovery is 90.4%

~~~~~~

As ID: ~~ICV~~/CCV Seq. No.: 00051 A/S Pos.: 36 Date: 02/20/92

Replicate 1 Time: 23:51
Peak Area (A-s): 0.206 Peak Height (A): 0.379
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.205
Concentration (ug/L): 48.7

Replicate 2 Time: 23:54
Peak Area (A-s): 0.199 Peak Height (A): 0.384
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.198
Concentration (ug/L): 47.0

Mean Conc (ug/L): 47.8 SD: 1.21 RSD(%): 2.53

Check sample is within range 42.66 - 52.14

~~~~~~

As ID: ~~ICB~~/CCB Seq. No.: 00052 A/S Pos.: 40 Date: 02/20/92

Replicate 1 Time: 23:57
Peak Area (A-s): 0.006 Peak Height (A): 0.018
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.005
~~~~~~

Concentration (ug/L): 1.1

Replicate 2 | Time: 00:00
Peak Area (A-s): 0.001 | Peak Height (A): 0.017
Background Pk Area (A-s): 0.069 | Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L): -0.0

Mean Conc (ug/L): 0.5 SD: 0.85 RSD(%): 154.20

Check sample is within range -3.0 - 3.0

~~~~~~

As ID: MGK127 Seq. No.: 00053 A/S Pos.: 20 Date: 02/21/92

Replicate 1 | Time: 00:03
Peak Area (A-s): 0.004 | Peak Height (A): 0.023
Background Pk Area (A-s): 0.186 | Background Pk Height (A): 0.108
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.6

Replicate 2 | Time: 00:06
Peak Area (A-s): -0.006 | Peak Height (A): 0.019
Background Pk Area (A-s): 0.150 | Background Pk Height (A): 0.071
Blank Corrected Pk Area (A-s): -0.007
Concentration (ug/L): -1.7

Mean Conc (ug/L): -0.5 SD: 1.64 RSD(%): 306.96

~~~~~~

As ID: MGK127r Seq. No.: 00054 A/S Pos.: 20 Date: 02/21/92

Replicate 1 | Time: 00:09
Peak Area (A-s): 0.070 | Peak Height (A): 0.176
Background Pk Area (A-s): 0.181 | Background Pk Height (A): 0.101
Blank Corrected Pk Area (A-s): 0.068
Concentration (ug/L): 16.3

Replicate 2 | Time: 00:13
Peak Area (A-s): 0.074 | Peak Height (A): 0.178
Background Pk Area (A-s): 0.177 | Background Pk Height (A): 0.100
Blank Corrected Pk Area (A-s): 0.073
Concentration (ug/L): 17.4

Mean Conc (ug/L): 16.9 SD: 0.79 RSD(%): 4.66

Recovery is 87.1%

~~~~~~

As ID: MGK128 Seq. No.: 00055 A/S Pos.: 21 Date: 02/21/92

Replicate 1 | Time: 00:16
Peak Area (A-s): 0.038 | Peak Height (A): 0.084
Background Pk Area (A-s): 0.185 | Background Pk Height (A): 0.097
Blank Corrected Pk Area (A-s): 0.037
Concentration (ug/L): 8.8

Replicate 2 | Time: 00:19
Peak Area (A-s): 0.034 | Peak Height (A): 0.080
~~~~~~

Background Pk Area (A-s): 0.190 Background Pk Height (A): 0.133
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 7.8

Mean Conc (ug/L): 8.3 SD: 0.68 RSD(%): 8.18

~~~~~~

As ID: MGK128A Seq. No.: 00056 A/S Pos.: 21 Date: 02/21/92

Replicate 1 Time: 00:22
Peak Area (A-s): 0.100 Peak Height (A): 0.217
Background Pk Area (A-s): 0.179 Background Pk Height (A): 0.112
Blank Corrected Pk Area (A-s): 0.099
Concentration (ug/L): 23.6

Replicate 2 Time: 00:26
Peak Area (A-s): 0.111 Peak Height (A): 0.224
Background Pk Area (A-s): 0.165 Background Pk Height (A): 0.096
Blank Corrected Pk Area (A-s): 0.110
Concentration (ug/L): 26.2

Mean Conc (ug/L): 24.9 SD: 1.88 RSD(%): 7.53

Recovery is 83.2%

~~~~~~

As ID: MGK129 Seq. No.: 00057 A/S Pos.: 22 Date: 02/21/92

Replicate 1 Time: 00:29
Peak Area (A-s): 0.066 Peak Height (A): 0.099
Background Pk Area (A-s): 0.146 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.064
Concentration (ug/L): 15.4

Replicate 2 Time: 00:32
Peak Area (A-s): 0.066 Peak Height (A): 0.105
Background Pk Area (A-s): 0.154 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.065
Concentration (ug/L): 15.5

Mean Conc (ug/L): 15.4 SD: 0.05 RSD(%): 0.33

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As ID: MGK129A Seq. No.: 00058 A/S Pos.: 22 Date: 02/21/92

Replicate 1 Time: 00:35
Peak Area (A-s): 0.160 Peak Height (A): 0.226
Background Pk Area (A-s): 0.140 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.159
Concentration (ug/L): 37.8

Replicate 2 Time: 00:38
Peak Area (A-s): 0.154 Peak Height (A): 0.213
Background Pk Area (A-s): 0.141 Background Pk Height (A): 0.059
Blank Corrected Pk Area (A-s): 0.152
Concentration (ug/L): 36.3

Mean Conc (ug/L): 37.0 SD: 1.08 RSD(%): 2.91
~~~~~~

Recovery is 108.0%

~~~~~~

As ID: MGK130 Seq. No.: 00059 A/S Pos.: 23 Date: 02/21/92

Replicate 1 Time: 00:42
Peak Area (A-s): 0.039 Peak Height (A): 0.083
Background Pk Area (A-s): 0.144 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.037
Concentration (ug/L): 8.9

Replicate 2 Time: 00:45
Peak Area (A-s): 0.041 Peak Height (A): 0.077
Background Pk Area (A-s): 0.136 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.040
Concentration (ug/L): 9.6

Mean Conc (ug/L): 9.3 SD: 0.43 RSD(%): 4.62

~~~~~~

As ID: MGK130A Seq. No.: 00060 A/S Pos.: 23 Date: 02/21/92

Replicate 1 Time: 00:48
Peak Area (A-s): 0.130 Peak Height (A): 0.203
Background Pk Area (A-s): 0.127 Background Pk Height (A): 0.051
Blank Corrected Pk Area (A-s): 0.128
Concentration (ug/L): 30.6

Replicate 2 Time: 00:51
Peak Area (A-s): 0.120 Peak Height (A): 0.215
Background Pk Area (A-s): 0.131 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.119
Concentration (ug/L): 28.3

Mean Conc (ug/L): 29.4 SD: 1.62 RSD(%): 5.52

Recovery is 100.9%

~~~~~~

As ID: MGK131 Seq. No.: 00061 A/S Pos.: 24 Date: 02/21/92

Replicate 1 Time: 00:54
Peak Area (A-s): 0.014 Peak Height (A): 0.039
Background Pk Area (A-s): 0.187 Background Pk Height (A): 0.105
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L): 3.1

Replicate 2 Time: 00:58
Peak Area (A-s): 0.011 Peak Height (A): 0.034
Background Pk Area (A-s): 0.191 Background Pk Height (A): 0.101
Blank Corrected Pk Area (A-s): 0.010
Concentration (ug/L): 2.4

Mean Conc (ug/L): 2.7 SD: 0.47 RSD(%): 17.08

~~~~~~

As ID: MGK131A Seq. No.: 00062 A/S Pos.: 24 Date: 02/21/92

Replicate 1 Time: 01:01

Peak Area (A-s): 0.085 Peak Height (A): 0.168
Background Pk Area (A-s): 0.173 Background Pk Height (A): 0.099
Blank Corrected Pk Area (A-s): 0.084
Concentration (ug/L): 20.1

Replicate 2 Time: 01:04
Peak Area (A-s): 0.085 Peak Height (A): 0.186
Background Pk Area (A-s): 0.179 Background Pk Height (A): 0.109
Blank Corrected Pk Area (A-s): 0.084
Concentration (ug/L): 20.1

Mean Conc (ug/L): 20.1 SD: 0.02 RSD(%): 0.10

Recovery is 86.8%

~~~~~~

As ID: ~~ICV~~/CCV Seq. No.: 00063 A/S Pos.: 36 Date: 02/21/92

Replicate 1 Time: 01:07
Peak Area (A-s): 0.199 Peak Height (A): 0.396
Background Pk Area (A-s): 0.098 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.198
Concentration (ug/L): 46.9

Replicate 2 Time: 01:11
Peak Area (A-s): 0.207 Peak Height (A): 0.420
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.206
Concentration (ug/L): 48.8

Mean Conc (ug/L): 47.9 SD: 1.35 RSD(%): 2.83

Check sample is within range 42.66 - 52.14

~~~~~~

As ID: ~~ICB~~/CCB Seq. No.: 00064 A/S Pos.: 40 Date: 02/21/92

Replicate 1 Time: 01:14
Peak Area (A-s): 0.000 Peak Height (A): 0.023
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.1

Replicate 2 Time: 01:17
Peak Area (A-s): -0.004 Peak Height (A): 0.021
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L): -1.1

Mean Conc (ug/L): -0.6 SD: 0.70 RSD(%): 109.54

Check sample is within range -3.0 - 3.0

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As ID: MGK132 Seq. No.: 00065 A/S Pos.: 25 Date: 02/21/92

Replicate 1 Time: 01:20
Peak Area (A-s): 0.268 Peak Height (A): 0.524
Background Pk Area (A-s): 0.089 Background Pk Height (A): 0.051
~~~~~~

Blank Corrected Pk Area (A-s): 0.267
Concentration (ug/L): 63.1

Replicate 2 Time: 01:23
Peak Area (A-s): 0.274 Peak Height (A): 0.524
Background Pk Area (A-s): 0.090 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.273
Concentration (ug/L): 64.7

Mean Conc (ug/L): 63.9 SD: 1.13 RSD(%): 1.76

As ID: MGK132A Seq. No.: 00066 A/S Pos.: 25 Date: 02/21/92

Replicate 1 Time: 01:26
Peak Area (A-s): 0.350 Peak Height (A): 0.646
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.349
Concentration (ug/L): 82.5

Replicate 2 Time: 01:30
Peak Area (A-s): 0.357 Peak Height (A): 0.642
Background Pk Area (A-s): 0.083 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.356
Concentration (ug/L): 84.1

Mean Conc (ug/L): 83.3 SD: 1.11 RSD(%): 1.33

Recovery is 96.7%

As ID: PBS Seq. No.: 00067 A/S Pos.: 26 Date: 02/21/92

Replicate 1 Time: 01:33
Peak Area (A-s): -0.006 Peak Height (A): 0.015
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): -0.007
Concentration (ug/L): -1.6

Replicate 2 Time: 01:36
Peak Area (A-s): -0.003 Peak Height (A): 0.021
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L): -1.0

Mean Conc (ug/L): -1.3 SD: 0.46 RSD(%): 35.41

As ID: PBSA Seq. No.: 00068 A/S Pos.: 26 Date: 02/21/92

Replicate 1 Time: 01:39
Peak Area (A-s): 0.084 Peak Height (A): 0.195
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.083
Concentration (ug/L): 19.7

Replicate 2 Time: 01:43
Peak Area (A-s): 0.086 Peak Height (A): 0.207
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.030

Blank Corrected Pk Area (A-s): 0.085
Concentration (ug/L): 20.2

Mean Conc (ug/L): 20.0 SD: 0.35 RSD(%): 1.77

Recovery is 106.3%

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As ID: LCSS 1/200 DIL Seq. No.: 00069 A/S Pos.: 27 Date: 02/21/92

Replicate 1 Time: 01:46
Peak Area (A-s): 0.100 Peak Height (A): 0.196
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.099
Concentration (ug/L): 23.5

Replicate 2 Time: 01:49
Peak Area (A-s): 0.107 Peak Height (A): 0.198
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.106
Concentration (ug/L): 25.3

Mean Conc (ug/L): 24.4 SD: 1.24 RSD(%): 5.09

~~~~~~

As ID: LCSS 1/200 DIL A Seq. No.: 00070 A/S Pos.: 27 Date: 02/21/92

Replicate 1 Time: 01:52
Peak Area (A-s): 0.187 Peak Height (A): 0.344
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.186
Concentration (ug/L): 44.2

Replicate 2 Time: 01:56
Peak Area (A-s): 0.181 Peak Height (A): 0.347
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.180
Concentration (ug/L): 42.7

Mean Conc (ug/L): 43.5 SD: 1.04 RSD(%): 2.38

Recovery is 95.4%

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As ID: MYH398 Seq. No.: 00071 A/S Pos.: 28 Date: 02/21/92

Replicate 1 Time: 01:59
Peak Area (A-s): 0.146 Peak Height (A): 0.192
Background Pk Area (A-s): 0.554 Background Pk Height (A): 0.257
Blank Corrected Pk Area (A-s): 0.145
Concentration (ug/L): 34.5

Replicate 2 Time: 02:02
Peak Area (A-s): 0.137 Peak Height (A): 0.198
Background Pk Area (A-s): 0.613 Background Pk Height (A): 0.279
Blank Corrected Pk Area (A-s): 0.136
Concentration (ug/L): 32.3

Mean Conc (ug/L): 33.4 SD: 1.54 RSD(%): 4.60
~~~~~~

As ID: MYH398A Seq. No.: 00072 A/S Pos.: 28 Date: 02/21/92

Replicate 1 Time: 02:05
Peak Area (A-s): 0.212 Peak Height (A): 0.352
Background Pk Area (A-s): 0.699 Background Pk Height (A): 0.322
Blank Corrected Pk Area (A-s): 0.210
Concentration (ug/L): 50.0

Replicate 2 Time: 02:09
Peak Area (A-s): 0.218 Peak Height (A): 0.351
Background Pk Area (A-s): 0.676 Background Pk Height (A): 0.324
Blank Corrected Pk Area (A-s): 0.217
Concentration (ug/L): 51.5

Mean Conc (ug/L): 50.7 SD: 1.12 RSD(%): 2.21

Recovery is 86.7%

As ID: MYH398D Seq. No.: 00073 A/S Pos.: 29 Date: 02/21/92

Replicate 1 Time: 02:12
Peak Area (A-s): 0.128 Peak Height (A): 0.181
Background Pk Area (A-s): 0.627 Background Pk Height (A): 0.283
Blank Corrected Pk Area (A-s): 0.127
Concentration (ug/L): 30.1

Replicate 2 Time: 02:15
Peak Area (A-s): 0.134 Peak Height (A): 0.196
Background Pk Area (A-s): 0.588 Background Pk Height (A): 0.285
Blank Corrected Pk Area (A-s): 0.133
Concentration (ug/L): 31.6

Mean Conc (ug/L): 30.9 SD: 1.00 RSD(%): 3.25

As ID: MYH398DA Seq. No.: 00074 A/S Pos.: 29 Date: 02/21/92

Replicate 1 Time: 02:18
Peak Area (A-s): 0.209 Peak Height (A): 0.345
Background Pk Area (A-s): 0.672 Background Pk Height (A): 0.313
Blank Corrected Pk Area (A-s): 0.208
Concentration (ug/L): 49.3

Replicate 2 Time: 02:22
Peak Area (A-s): 0.202 Peak Height (A): 0.351
Background Pk Area (A-s): 0.720 Background Pk Height (A): 0.331
Blank Corrected Pk Area (A-s): 0.201
Concentration (ug/L): 47.8

Mean Conc (ug/L): 48.5 SD: 1.04 RSD(%): 2.14

Recovery is 88.4%

As ID: ~~ICV~~/CCV Seq. No.: 00075 A/S Pos.: 36 Date: 02/21/92

Replicate 1 Time: 02:25

Peak Area (A-s): 0.200 Peak Height (A): 0.335
Background Pk Area (A-s): 0.194 Background Pk Height (A): 0.238
Blank Corrected Pk Area (A-s): 0.199
Concentration (ug/L): 47.2

Replicate 2 Time: 02:28
Peak Area (A-s): 0.207 Peak Height (A): 0.404
Background Pk Area (A-s): 0.098 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.206
Concentration (ug/L): 48.9

Mean Conc (ug/L): 48.0 SD: 1.21 RSD(%): 2.53

Check sample is within range 42.66 - 52.14

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As ID: ~~ICB~~/CCB Seq. No.: 00076 A/S Pos.: 40 Date: 02/21/92

Replicate 1 Time: 02:31
Peak Area (A-s): -0.000 Peak Height (A): 0.025
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.3

Replicate 2 Time: 02:34
Peak Area (A-s): -0.003 Peak Height (A): 0.022
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L): -1.0

Mean Conc (ug/L): -0.6 SD: 0.51 RSD(%): 82.85

Check sample is within range -3.0 - 3.0

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As ID: MYH398S Seq. No.: 00077 A/S Pos.: 30 Date: 02/21/92

Replicate 1 Time: 02:37
Peak Area (A-s): 0.294 Peak Height (A): 0.384
Background Pk Area (A-s): 0.567 Background Pk Height (A): 0.277
Blank Corrected Pk Area (A-s): 0.293
Concentration (ug/L): 69.4

Replicate 2 Time: 02:40
Peak Area (A-s): 0.303 Peak Height (A): 0.370
Background Pk Area (A-s): 0.612 Background Pk Height (A): 0.268
Blank Corrected Pk Area (A-s): 0.302
Concentration (ug/L): 71.4

Mean Conc (ug/L): 70.4 SD: 1.40 RSD(%): 1.99

~~~~~~

As ID: MYH399 Seq. No.: 00078 A/S Pos.: 31 Date: 02/21/92

Replicate 1 Time: 02:43
Peak Area (A-s): 0.176 Peak Height (A): 0.219
Background Pk Area (A-s): 0.585 Background Pk Height (A): 0.269
Blank Corrected Pk Area (A-s): 0.175
Concentration (ug/L): 41.6
~~~~~~

Replicate 2 | Time: 02:47
Peak Area (A-s): 0.162 | Peak Height (A): 0.204
Background Pk Area (A-s): 0.578 | Background Pk Height (A): 0.256
Blank Corrected Pk Area (A-s): 0.160
Concentration (ug/L): 38.2

Mean Conc (ug/L): 39.9 SD: 2.46 RSD(%): 6.15

~~~~~~

As ID: MYH399A Seq. No.: 00079 A/S Pos.: 31 Date: 02/21/92

Replicate 1 | Time: 02:50
Peak Area (A-s): 0.243 | Peak Height (A): 0.369
Background Pk Area (A-s): 0.656 | Background Pk Height (A): 0.319
Blank Corrected Pk Area (A-s): 0.242
Concentration (ug/L): 57.4

Replicate 2 | Time: 02:53
Peak Area (A-s): 0.246 | Peak Height (A): 0.402
Background Pk Area (A-s): 0.718 | Background Pk Height (A): 0.334
Blank Corrected Pk Area (A-s): 0.245
Concentration (ug/L): 58.0

Mean Conc (ug/L): 57.7 SD: 0.46 RSD(%): 0.79

Recovery is 89.1%

~~~~~~

As ID: MYH401 Seq. No.: 00080 A/S Pos.: 32 Date: 02/21/92

Replicate 1 | Time: 02:56
Peak Area (A-s): 0.288 | Peak Height (A): 0.360
Background Pk Area (A-s): 0.626 | Background Pk Height (A): 0.281
Blank Corrected Pk Area (A-s): 0.287
Concentration (ug/L): 67.9

Replicate 2 | Time: 02:59
Peak Area (A-s): 0.273 | Peak Height (A): 0.345
Background Pk Area (A-s): 0.584 | Background Pk Height (A): 0.273
Blank Corrected Pk Area (A-s): 0.272
Concentration (ug/L): 64.4

Mean Conc (ug/L): 66.2 SD: 2.51 RSD(%): 3.80

~~~~~~

As ID: MYH401A Seq. No.: 00081 A/S Pos.: 32 Date: 02/21/92

Replicate 1 | Time: 03:03
Peak Area (A-s): 0.358 | Peak Height (A): 0.555
Background Pk Area (A-s): 0.630 | Background Pk Height (A): 0.308
Blank Corrected Pk Area (A-s): 0.357
Concentration (ug/L): 84.2

Replicate 2 | Time: 03:06
Peak Area (A-s): 0.362 | Peak Height (A): 0.565
Background Pk Area (A-s): 0.619 | Background Pk Height (A): 0.306
Blank Corrected Pk Area (A-s): 0.361
Concentration (ug/L): 85.2
~~~~~~

Mean Conc (ug/L): 84.7 SD: 0.70 RSD(%): 0.83

Recovery is 92.7%

~~~~~~

As ID: MYH402 Seq. No.: 00082 A/S Pos.: 33 Date: 02/21/92

Replicate 1 Time: 03:09
Peak Area (A-s): 0.216 Peak Height (A): 0.289
Background Pk Area (A-s): 0.655 Background Pk Height (A): 0.289
Blank Corrected Pk Area (A-s): 0.215
Concentration (ug/L): 51.1

Replicate 2 Time: 03:12
Peak Area (A-s): 0.204 Peak Height (A): 0.285
Background Pk Area (A-s): 0.610 Background Pk Height (A): 0.272
Blank Corrected Pk Area (A-s): 0.203
Concentration (ug/L): 48.2

Mean Conc (ug/L): 49.6 SD: 2.00 RSD(%): 4.03

~~~~~~

As ID: MYH402A Seq. No.: 00083 A/S Pos.: 33 Date: 02/21/92

Replicate 1 Time: 03:15
Peak Area (A-s): 0.287 Peak Height (A): 0.465
Background Pk Area (A-s): 0.680 Background Pk Height (A): 0.321
Blank Corrected Pk Area (A-s): 0.286
Concentration (ug/L): 67.7

Replicate 2 Time: 03:18
Peak Area (A-s): 0.282 Peak Height (A): 0.426
Background Pk Area (A-s): 0.666 Background Pk Height (A): 0.312
Blank Corrected Pk Area (A-s): 0.281
Concentration (ug/L): 66.4

Mean Conc (ug/L): 67.1 SD: 0.86 RSD(%): 1.29

Recovery is 87.1%

~~~~~~

As ID: ~~ICV~~/CCV Seq. No.: 00084 A/S Pos.: 36 Date: 02/21/92

Replicate 1 Time: 03:22
Peak Area (A-s): 0.199 Peak Height (A): 0.356
Background Pk Area (A-s): 0.139 Background Pk Height (A): 0.068
Blank Corrected Pk Area (A-s): 0.198
Concentration (ug/L): 47.0

Replicate 2 Time: 03:25
Peak Area (A-s): 0.208 Peak Height (A): 0.384
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.207
Concentration (ug/L): 49.1

Mean Conc (ug/L): 48.1 SD: 1.51 RSD(%): 3.14

Check sample is within range 42.66 - 52.14
~~~~~~

As ID: ~~ICB~~/CCB Seq. No.: 00085 A/S Pos.: 40 Date: 02/21/92

Replicate 1 Time: 03:28
Peak Area (A-s): -0.002 Peak Height (A): 0.029
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -0.7

Replicate 2 Time: 03:31
Peak Area (A-s): -0.007 Peak Height (A): 0.021
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): -0.008
Concentration (ug/L): -2.0

Mean Conc (ug/L): -1.4 SD: 0.94 RSD(%): 68.55

Check sample is within range -3.0 - 3.0

Element File: PB_CLP.GEL Element: Pb Wavelength: 283.3
Date: 02/18/92 Time: 12:13 Slit: 0.7
Data File: 2A15PB.DAT ID/Wt File: 2A15.IDW Lamp Current: 0
Technique: HGA Calib. Type: Nonlinear Energy: 53
Remark 1: All Standards made 02/18/92 at 6:00am from stock solutions
Remark 2: dated 01/17/92.
Remark 3: The stock solution were prepared from SPEX Plasma Standards.
Remark 4: All concentrations were calculated based on peak areas.
Remark 5: Analyst: D. Seymour Doug Sy

Pb ID: Blank SO Seq. No.: 00001 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 12:12
Peak Area (A-s): -0.002 Peak Height (A): 0.011
Background Pk Area (A-s): 0.336 Background Pk Height (A): 0.164
Blank Corrected Pk Area (A-s): -0.002

Replicate 2 Time: 12:16
Peak Area (A-s): -0.003 Peak Height (A): 0.015
Background Pk Area (A-s): 0.332 Background Pk Height (A): 0.160
Blank Corrected Pk Area (A-s): -0.003

Mean Pk Area (A-s): -0.002 SD: 0.0012 RSD(%): 48.94

Auto-zero performed.

Pb ID: Standard 1 S3 Seq. No.: 00002 A/S Pos.: 0 Date: 02/18/92

Replicate 1 Time: 12:19
Peak Area (A-s): 0.016 Peak Height (A): 0.047
Background Pk Area (A-s): 0.320 Background Pk Height (A): 0.161
Blank Corrected Pk Area (A-s): 0.019

Replicate 2 Time: 12:22
Peak Area (A-s): 0.019 Peak Height (A): 0.047
Background Pk Area (A-s): 0.316 Background Pk Height (A): 0.161
Blank Corrected Pk Area (A-s): 0.021

Mean Pk Area (A-s): 0.020 SD: 0.0017 RSD(%): 8.51

Standard number 1 applied. [3.0]
Correlation coefficient: 1.00000 Slope: 0.0067

Pb ID: Standard 2 S15 Seq. No.: 00003 A/S Pos.: 37 Date: 02/18/92

Replicate 1 Time: 12:25
Peak Area (A-s): 0.069 Peak Height (A): 0.156
Background Pk Area (A-s): 0.316 Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.072
Concentration (ug/L): 10.7

Replicate 2 Time: 12:28
Peak Area (A-s): 0.073 Peak Height (A): 0.170
Background Pk Area (A-s): 0.323 Background Pk Height (A): 0.154
Blank Corrected Pk Area (A-s): 0.076

Concentration (ug/L): 11.3

Mean Conc (ug/L): 11.0 SD: 0.42 RSD(%): 3.77

Standard number 2 applied. [15.0]
Correlation coefficient: 1.00000 Slope: 0.0074

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Pb ID: Standard 3 S30 Seq. No.: 00004 A/S Pos.: 38 Date: 02/18/92

Replicate 1 Time: 12:32
Peak Area (A-s): 0.143 Peak Height (A): 0.313
Background Pk Area (A-s): 0.325 Background Pk Height (A): 0.154
Blank Corrected Pk Area (A-s): 0.145
Concentration (ug/L): 56.0

Replicate 2 Time: 12:35
Peak Area (A-s): 0.135 Peak Height (A): 0.295
Background Pk Area (A-s): 0.334 Background Pk Height (A): 0.155
Blank Corrected Pk Area (A-s): 0.138
Concentration (ug/L): 48.7

Mean Conc (ug/L): 52.2 SD: 5.20 RSD(%): 9.92

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 3 applied. [30.0]
Correlation coefficient: 0.99086 Slope: 0.0068

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Pb ID: Standard 4 S60 Seq. No.: 00005 A/S Pos.: 39 Date: 02/18/92

Replicate 1 Time: 12:38
Peak Area (A-s): 0.262 Peak Height (A): 0.534
Background Pk Area (A-s): 0.353 Background Pk Height (A): 0.179
Blank Corrected Pk Area (A-s): 0.265
Concentration (ug/L): 111.8

Replicate 2 Time: 12:41
Peak Area (A-s): 0.261 Peak Height (A): 0.532
Background Pk Area (A-s): 0.354 Background Pk Height (A): 0.173
Blank Corrected Pk Area (A-s): 0.264
Concentration (ug/L): 110.9

Mean Conc (ug/L): 111.3 SD: 0.60 RSD(%): 0.54

Calibration questionable. Abs. & conc. signs may differ.
Standard number 4 applied. [60.0]
Correlation coefficient: 0.99990 Slope: 0.0091

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Pb ID: Standard 5 S120 Seq. No.: 00006 A/S Pos.: 34 Date: 02/18/92

Replicate 1 Time: 12:44
Peak Area (A-s): 0.460 Peak Height (A): 0.858
Background Pk Area (A-s): 0.410 Background Pk Height (A): 0.268
Blank Corrected Pk Area (A-s): 0.463
Concentration (ug/L): 108.5

Replicate 2 Time: 12:47
~~~~~~

Peak Area (A-s): 0.466　　Peak Height (A): 0.875
Background Pk Area (A-s): 0.394　　Background Pk Height (A): 0.251
Blank Corrected Pk Area (A-s): 0.468
Concentration (ug/L): 109.9

Mean Conc (ug/L): 109.2　　SD: 0.96　　RSD(%): 0.88

Standard number 5 applied. [120.0]
Correlation coefficient: 0.99969　　Slope: 0.0068

~~~~~~

Pb　ID: ICV/~~CCV~~　　Seq. No.: 00007　　A/S Pos.: 36　　Date: 02/18/92

Replicate 1　　Time: 12:52
Peak Area (A-s): 0.227　　Peak Height (A): 0.474
Background Pk Area (A-s): 0.332　　Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): 0.229
Concentration (ug/L): 51.0

Replicate 2　　Time: 12:55
Peak Area (A-s): 0.226　　Peak Height (A): 0.476
Background Pk Area (A-s): 0.358　　Background Pk Height (A): 0.173
Blank Corrected Pk Area (A-s): 0.229
Concentration (ug/L): 50.9

Mean Conc (ug/L): 51.0　　SD: 0.05　　RSD(%): 0.10

Check sample is within range 43.875 - 53.625

~~~~~~

Pb　ID: ICB/~~CCB~~　　Seq. No.: 00008　　A/S Pos.: 40　　Date: 02/18/92

Replicate 1　　Time: 12:58
Peak Area (A-s): 0.003　　Peak Height (A): 0.013
Background Pk Area (A-s): 0.299　　Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.2

Replicate 2　　Time: 13:01
Peak Area (A-s): 0.000　　Peak Height (A): 0.014
Background Pk Area (A-s): 0.315　　Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.6

Mean Conc (ug/L): 0.9　　SD: 0.42　　RSD(%): 49.50

Check sample is within range -2.0 - 2.0

~~~~~~

Pb　ID: CRA　　Seq. No.: 00009　　A/S Pos.: 0　　Date: 02/18/92

Replicate 1　　Time: 13:04
Peak Area (A-s): 0.022　　Peak Height (A): 0.050
Background Pk Area (A-s): 0.313　　Background Pk Height (A): 0.150
Blank Corrected Pk Area (A-s): 0.025
Concentration (ug/L): 4.9

Replicate 2　　Time: 13:07
Peak Area (A-s): 0.019　　Peak Height (A): 0.047
~~~~~~

Background Pk Area (A-s): 0.316   Background Pk Height (A): 0.155
Blank Corrected Pk Area (A-s): 0.022
Concentration (ug/L): 4.2

Mean Conc (ug/L): 4.6   SD: 0.45   RSD(%): 9.90

~~~~~~

Pb   ID: PBW   Seq. No.: 00010   A/S Pos.: 1   Date: 02/18/92

Replicate 1   Time: 13:10
Peak Area (A-s): 0.005   Peak Height (A): 0.012
Background Pk Area (A-s): 0.312   Background Pk Height (A): 0.151
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 1.4

Replicate 2   Time: 13:13
Peak Area (A-s): 0.004   Peak Height (A): 0.013
Background Pk Area (A-s): 0.302   Background Pk Height (A): 0.155
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 1.3

Mean Conc (ug/L): 1.4   SD: 0.04   RSD(%): 2.60

~~~~~~

Pb   ID: PBW A   Seq. No.: 00011   A/S Pos.: 1   Date: 02/18/92

Replicate 1   Time: 13:17
Peak Area (A-s): 0.101   Peak Height (A): 0.224
Background Pk Area (A-s): 0.273   Background Pk Height (A): 0.135
Blank Corrected Pk Area (A-s): 0.104
Concentration (ug/L): 21.4

Replicate 2   Time: 13:20
Peak Area (A-s): 0.100   Peak Height (A): 0.229
Background Pk Area (A-s): 0.254   Background Pk Height (A): 0.126
Blank Corrected Pk Area (A-s): 0.103
Concentration (ug/L): 21.3

Mean Conc (ug/L): 21.3   SD: 0.13   RSD(%): 0.60

Recovery is 99.9%

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Pb   ID: LCSW   Seq. No.: 00012   A/S Pos.: 2   Date: 02/18/92

Replicate 1   Time: 13:23
Peak Area (A-s): 0.227   Peak Height (A): 0.470
Background Pk Area (A-s): 0.347   Background Pk Height (A): 0.168
Blank Corrected Pk Area (A-s): 0.230
Concentration (ug/L): 51.1

Replicate 2   Time: 13:26
Peak Area (A-s): 0.224   Peak Height (A): 0.464
Background Pk Area (A-s): 0.356   Background Pk Height (A): 0.173
Blank Corrected Pk Area (A-s): 0.226
Concentration (ug/L): 50.3

Mean Conc (ug/L): 50.7   SD: 0.62   RSD(%): 1.22
~~~~~~

Pb ID: LCSW A Seq. No.: 00013 A/S Pos.: 2 Date: 02/18/92

Replicate 1 Time: 13:29
Peak Area (A-s): 0.310 Peak Height (A): 0.649
Background Pk Area (A-s): 0.310 Background Pk Height (A): 0.174
Blank Corrected Pk Area (A-s): 0.312
Concentration (ug/L): 73.2

Replicate 2 Time: 13:32
Peak Area (A-s): 0.312 Peak Height (A): 0.636
Background Pk Area (A-s): 0.323 Background Pk Height (A): 0.182
Blank Corrected Pk Area (A-s): 0.315
Concentration (ug/L): 73.8

Mean Conc (ug/L): 73.5 SD: 0.47 RSD(%): 0.63

Recovery is 113.9%

Pb ID: MX3225 Seq. No.: 00014 A/S Pos.: 3 Date: 02/18/92

Replicate 1 Time: 13:36
Peak Area (A-s): 0.105 Peak Height (A): 0.250
Background Pk Area (A-s): 0.424 Background Pk Height (A): 0.193
Blank Corrected Pk Area (A-s): 0.107
Concentration (ug/L): 22.2

Replicate 2 Time: 13:39
Peak Area (A-s): 0.103 Peak Height (A): 0.258
Background Pk Area (A-s): 0.419 Background Pk Height (A): 0.190
Blank Corrected Pk Area (A-s): 0.106
Concentration (ug/L): 21.9

Mean Conc (ug/L): 22.0 SD: 0.22 RSD(%): 1.01

Pb ID: MX3225 A Seq. No.: 00015 A/S Pos.: 3 Date: 02/18/92

Replicate 1 Time: 13:42
Peak Area (A-s): 0.184 Peak Height (A): 0.453
Background Pk Area (A-s): 0.411 Background Pk Height (A): 0.195
Blank Corrected Pk Area (A-s): 0.187
Concentration (ug/L): 40.5

Replicate 2 Time: 13:45
Peak Area (A-s): 0.188 Peak Height (A): 0.454
Background Pk Area (A-s): 0.392 Background Pk Height (A): 0.183
Blank Corrected Pk Area (A-s): 0.190
Concentration (ug/L): 41.5

Mean Conc (ug/L): 41.0 SD: 0.66 RSD(%): 1.61

Recovery is 94.8%

Pb ID: MX3225D Seq. No.: 00016 A/S Pos.: 4 Date: 02/18/92

Replicate 1 Time: 13:48

Peak Area (A-s): 0.096 Peak Height (A): 0.246
Background Pk Area (A-s): 0.415 Background Pk Height (A): 0.191
Blank Corrected Pk Area (A-s): 0.099
Concentration (ug/L): 20.3

Replicate 2 Time: 13:52
Peak Area (A-s): 0.100 Peak Height (A): 0.244
Background Pk Area (A-s): 0.412 Background Pk Height (A): 0.195
Blank Corrected Pk Area (A-s): 0.102
Concentration (ug/L): 21.2

Mean Conc (ug/L): 20.8 SD: 0.58 RSD(%): 2.78

~~~~~~

Pb ID: MX3225DA Seq. No.: 00017 A/S Pos.: 4 Date: 02/18/92

Replicate 1 Time: 13:55
Peak Area (A-s): 0.184 Peak Height (A): 0.439
Background Pk Area (A-s): 0.414 Background Pk Height (A): 0.202
Blank Corrected Pk Area (A-s): 0.187
Concentration (ug/L): 40.6

Replicate 2 Time: 13:58
Peak Area (A-s): 0.186 Peak Height (A): 0.455
Background Pk Area (A-s): 0.411 Background Pk Height (A): 0.193
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L): 41.0

Mean Conc (ug/L): 40.8 SD: 0.29 RSD(%): 0.71

Recovery is 100.1%

~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00018 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 14:01
Peak Area (A-s): 0.227 Peak Height (A): 0.473
Background Pk Area (A-s): 0.345 Background Pk Height (A): 0.170
Blank Corrected Pk Area (A-s): 0.230
Concentration (ug/L): 51.2

Replicate 2 Time: 14:04
Peak Area (A-s): 0.225 Peak Height (A): 0.454
Background Pk Area (A-s): 0.355 Background Pk Height (A): 0.177
Blank Corrected Pk Area (A-s): 0.227
Concentration (ug/L): 50.5

Mean Conc (ug/L): 50.9 SD: 0.49 RSD(%): 0.96

Check sample is within range 43.875 - 53.625

~~~~~~

Pb ID: ~~ICB~~/CCB Seq. No.: 00019 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 14:07
Peak Area (A-s): 0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.311 Background Pk Height (A): 0.151
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.6
~~~~~~

Replicate 2 Time: 14:10
Peak Area (A-s): -0.002 Peak Height (A): 0.011
Background Pk Area (A-s): 0.306 Background Pk Height (A): 0.152
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.1

Mean Conc (ug/L): 0.4 SD: 0.37 RSD(%): 102.60

Check sample is within range -2.0 - 2.0

~~~~~~

Pb ID: MX3225S Seq. No.: 00020 A/S Pos.: 5 Date: 02/18/92

Replicate 1 Time: 14:14
Peak Area (A-s): 0.186 Peak Height (A): 0.456
Background Pk Area (A-s): 0.433 Background Pk Height (A): 0.210
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L): 40.9

Replicate 2 Time: 14:17
Peak Area (A-s): 0.193 Peak Height (A): 0.458
Background Pk Area (A-s): 0.440 Background Pk Height (A): 0.212
Blank Corrected Pk Area (A-s): 0.196
Concentration (ug/L): 42.7

Mean Conc (ug/L): 41.8 SD: 1.30 RSD(%): 3.11

~~~~~~

Pb ID: MX3226 Seq. No.: 00021 A/S Pos.: 6 Date: 02/18/92

Replicate 1 Time: 14:20
Peak Area (A-s): 0.073 Peak Height (A): 0.196
Background Pk Area (A-s): 0.349 Background Pk Height (A): 0.161
Blank Corrected Pk Area (A-s): 0.076
Concentration (ug/L): 15.4

Replicate 2 Time: 14:23
Peak Area (A-s): 0.077 Peak Height (A): 0.190
Background Pk Area (A-s): 0.342 Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.079
Concentration (ug/L): 16.2

Mean Conc (ug/L): 15.8 SD: 0.59 RSD(%): 3.71

~~~~~~

Pb ID: MX3226A Seq. No.: 00022 A/S Pos.: 6 Date: 02/18/92

Replicate 1 Time: 14:26
Peak Area (A-s): 0.162 Peak Height (A): 0.394
Background Pk Area (A-s): 0.315 Background Pk Height (A): 0.142
Blank Corrected Pk Area (A-s): 0.164
Concentration (ug/L): 35.2

Replicate 2 Time: 14:30
Peak Area (A-s): 0.163 Peak Height (A): 0.385
Background Pk Area (A-s): 0.318 Background Pk Height (A): 0.147
Blank Corrected Pk Area (A-s): 0.165
Concentration (ug/L): 35.5
~~~~~~

Mean Conc (ug/L): 35.3 SD: 0.18 RSD(%): 0.58

Recovery is 97.7%

~~~~~~

Pb ID: PBS Seq. No.: 00023 A/S Pos.: 7 Date: 02/18/92

Replicate 1 Time: 14:33
Peak Area (A-s): 0.003 Peak Height (A): 0.016
Background Pk Area (A-s): 0.303 Background Pk Height (A): 0.152
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.1

Replicate 2 Time: 14:36
Peak Area (A-s): 0.000 Peak Height (A): 0.013
Background Pk Area (A-s): 0.289 Background Pk Height (A): 0.147
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.5

Mean Conc (ug/L): 0.8 SD: 0.42 RSD(%): 54.16

~~~~~~

Pb ID: PBSA Seq. No.: 00024 A/S Pos.: 7 Date: 02/18/92

Replicate 1 Time: 14:39
Peak Area (A-s): 0.102 Peak Height (A): 0.217
Background Pk Area (A-s): 0.273 Background Pk Height (A): 0.137
Blank Corrected Pk Area (A-s): 0.104
Concentration (ug/L): 21.6

Replicate 2 Time: 14:43
Peak Area (A-s): 0.097 Peak Height (A): 0.222
Background Pk Area (A-s): 0.270 Background Pk Height (A): 0.133
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L): 20.6

Mean Conc (ug/L): 21.1 SD: 0.72 RSD(%): 3.41

Recovery is 101.7%

~~~~~~

Pb ID: LCSS 1/50 DIL Seq. No.: 00025 A/S Pos.: 8 Date: 02/18/92

Replicate 1 Time: 14:46
Peak Area (A-s): 0.114 Peak Height (A): 0.269
Background Pk Area (A-s): 0.344 Background Pk Height (A): 0.168
Blank Corrected Pk Area (A-s): 0.116
Concentration (ug/L): 24.2

Replicate 2 Time: 14:49
Peak Area (A-s): 0.124 Peak Height (A): 0.275
Background Pk Area (A-s): 0.333 Background Pk Height (A): 0.167
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L): 26.5

Mean Conc (ug/L): 25.3 SD: 1.61 RSD(%): 6.37

~~~~~~

Pb ID: LCSS 1/50 DIL A Seq. No.: 00026 A/S Pos.: 8 Date: 02/18/92

Replicate 1 Time: 14:52
Peak Area (A-s): 0.205 Peak Height (A): 0.461
Background Pk Area (A-s): 0.317 Background Pk Height (A): 0.155
Blank Corrected Pk Area (A-s): 0.208
Concentration (ug/L): 45.7

Replicate 2 Time: 14:56
Peak Area (A-s): 0.211 Peak Height (A): 0.458
Background Pk Area (A-s): 0.315 Background Pk Height (A): 0.152
Blank Corrected Pk Area (A-s): 0.213
Concentration (ug/L): 47.1

Mean Conc (ug/L): 46.4 SD: 0.95 RSD(%): 2.05

Recovery is 105.3%

~~~~~~

Pb ID: MX3227 Seq. No.: 00027 A/S Pos.: 9 Date: 02/18/92

Replicate 1 Time: 14:59
Peak Area (A-s): 0.214 Peak Height (A): 0.519
Background Pk Area (A-s): 0.528 Background Pk Height (A): 0.266
Blank Corrected Pk Area (A-s): 0.217
Concentration (ug/L): 48.0

Replicate 2 Time: 15:02
Peak Area (A-s): 0.218 Peak Height (A): 0.539
Background Pk Area (A-s): 0.536 Background Pk Height (A): 0.273
Blank Corrected Pk Area (A-s): 0.220
Concentration (ug/L): 48.8

Mean Conc (ug/L): 48.4 SD: 0.62 RSD(%): 1.28

~~~~~~

Pb ID: MX3227A Seq. No.: 00028 A/S Pos.: 9 Date: 02/18/92

Replicate 1 Time: 15:05
Peak Area (A-s): 0.299 Peak Height (A): 0.692
Background Pk Area (A-s): 0.512 Background Pk Height (A): 0.293
Blank Corrected Pk Area (A-s): 0.301
Concentration (ug/L): 70.1

Replicate 2 Time: 15:08
Peak Area (A-s): 0.299 Peak Height (A): 0.678
Background Pk Area (A-s): 0.510 Background Pk Height (A): 0.287
Blank Corrected Pk Area (A-s): 0.302
Concentration (ug/L): 70.2

Mean Conc (ug/L): 70.2 SD: 0.08 RSD(%): 0.11

Recovery is 108.9%

~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00029 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 15:12
Peak Area (A-s): 0.229 Peak Height (A): 0.482
Background Pk Area (A-s): 0.318 Background Pk Height (A): 0.156
Blank Corrected Pk Area (A-s): 0.231
~~~~~~

Concentration (ug/L): 51.6

Replicate 2 Time: 15:15
Peak Area (A-s): 0.227 Peak Height (A): 0.488
Background Pk Area (A-s): 0.326 Background Pk Height (A): 0.156
Blank Corrected Pk Area (A-s): 0.230
Concentration (ug/L): 51.2

Mean Conc (ug/L): 51.4 SD: 0.26 RSD(%): 0.50

Check sample is within range 43.875 - 53.625

~~~~~~

Pb ID: ~~ICB~~/CCB Seq. No.: 00030 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 15:18
Peak Area (A-s): 0.004 Peak Height (A): 0.019
Background Pk Area (A-s): 0.279 Background Pk Height (A): 0.144
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 1.3

Replicate 2 Time: 15:21
Peak Area (A-s): 0.002 Peak Height (A): 0.016
Background Pk Area (A-s): 0.274 Background Pk Height (A): 0.148
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 0.8

Mean Conc (ug/L): 1.0 SD: 0.35 RSD(%): 33.99

Check sample is within range -2.0 - 2.0

~~~~~~

Pb ID: MX3227D Seq. No.: 00031 A/S Pos.: 10 Date: 02/18/92

Replicate 1 Time: 15:24
Peak Area (A-s): 0.224 Peak Height (A): 0.540
Background Pk Area (A-s): 0.532 Background Pk Height (A): 0.271
Blank Corrected Pk Area (A-s): 0.227
Concentration (ug/L): 50.5

Replicate 2 Time: 15:27
Peak Area (A-s): 0.223 Peak Height (A): 0.560
Background Pk Area (A-s): 0.526 Background Pk Height (A): 0.271
Blank Corrected Pk Area (A-s): 0.226
Concentration (ug/L): 50.2

Mean Conc (ug/L): 50.3 SD: 0.19 RSD(%): 0.38

~~~~~~

Pb ID: MX3227DA Seq. No.: 00032 A/S Pos.: 10 Date: 02/18/92

Replicate 1 Time: 15:31
Peak Area (A-s): 0.310 Peak Height (A): 0.712
Background Pk Area (A-s): 0.507 Background Pk Height (A): 0.301
Blank Corrected Pk Area (A-s): 0.313
Concentration (ug/L): 73.2

Replicate 2 Time: 15:34
Peak Area (A-s): 0.302 Peak Height (A): 0.729
~~~~~~

Background Pk Area (A-s): 0.503 Background Pk Height (A): 0.289
Blank Corrected Pk Area (A-s): 0.305
Concentration (ug/L): 71.1

Mean Conc (ug/L): 72.2 SD: 1.51 RSD(%): 2.09

Recovery is 109.1%

~~~~~~

Pb ID: MX3227S Seq. No.: 00033 A/S Pos.: 11 Date: 02/18/92

Replicate 1 Time: 15:37
Peak Area (A-s): 0.298 Peak Height (A): 0.713
Background Pk Area (A-s): 0.542 Background Pk Height (A): 0.316
Blank Corrected Pk Area (A-s): 0.301
Concentration (ug/L): 69.9

Replicate 2 Time: 15:40
Peak Area (A-s): 0.297 Peak Height (A): 0.712
Background Pk Area (A-s): 0.540 Background Pk Height (A): 0.296
Blank Corrected Pk Area (A-s): 0.300
Concentration (ug/L): 69.7

Mean Conc (ug/L): 69.8 SD: 0.12 RSD(%): 0.18

~~~~~~

Pb ID: PBS Seq. No.: 00034 A/S Pos.: 12 Date: 02/18/92

Replicate 1 Time: 15:43
Peak Area (A-s): 0.001 Peak Height (A): 0.017
Background Pk Area (A-s): 0.260 Background Pk Height (A): 0.142
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 0.7

Replicate 2 Time: 15:47
Peak Area (A-s): 0.000 Peak Height (A): 0.015
Background Pk Area (A-s): 0.262 Background Pk Height (A): 0.139
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.5

Mean Conc (ug/L): 0.6 SD: 0.13 RSD(%): 20.70

~~~~~~

Pb ID: PBS A Seq. No.: 00035 A/S Pos.: 12 Date: 02/18/92

Replicate 1 Time: 15:50
Peak Area (A-s): 0.101 Peak Height (A): 0.228
Background Pk Area (A-s): 0.242 Background Pk Height (A): 0.128
Blank Corrected Pk Area (A-s): 0.103
Concentration (ug/L): 21.4

Replicate 2 Time: 15:53
Peak Area (A-s): 0.102 Peak Height (A): 0.229
Background Pk Area (A-s): 0.241 Background Pk Height (A): 0.124
Blank Corrected Pk Area (A-s): 0.105 Pk Height (A): 0.124
Concentration (ug/L): 21.7 0.105

Mean Conc (ug/L): 21.5 SD: 0.20 RSD(%): 0.92
(ug/L): 21.5 SD: 0.20 RSD(%): 0.92
~~~~~~

Recovery is 104.5%
Recovery is 104.5%

Pb ID: LCSS 1/50 DIL Seq. No.: 00036 A/S Pos.: 13 Date: 02/18/92

Replicate 1 Time: 15:56
Peak Area (A-s): 0.114 Peak Height (A): 0.273
Background Pk Area (A-s): 0.316 Background Pk Height (A): 0.167
Blank Corrected Pk Area (A-s): 0.116
Concentration (ug/L): 24.2

Replicate 2 Time: 15:59
Peak Area (A-s): 0.121 Peak Height (A): 0.275
Background Pk Area (A-s): 0.314 Background Pk Height (A): 0.163
Blank Corrected Pk Area (A-s): 0.123
Concentration (ug/L): 25.8

Mean Conc (ug/L): 25.0 SD: 1.11 RSD(%): 4.45

Pb ID: LCSS 1/50 DILA Seq. No.: 00037 A/S Pos.: 13 Date: 02/18/92

Replicate 1 Time: 16:03
Peak Area (A-s): 0.206 Peak Height (A): 0.462
Background Pk Area (A-s): 0.300 Background Pk Height (A): 0.146
Blank Corrected Pk Area (A-s): 0.208
Concentration (ug/L): 45.8

Replicate 2 Time: 16:06
Peak Area (A-s): 0.209 Peak Height (A): 0.471
Background Pk Area (A-s): 0.296 Background Pk Height (A): 0.146
Blank Corrected Pk Area (A-s): 0.211
Concentration (ug/L): 46.5

Mean Conc (ug/L): 46.2 SD: 0.51 RSD(%): 1.10

Recovery is 105.7%

Pb ID: MHAM34 1/2 DIL Seq. No.: 00038 A/S Pos.: 14 Date: 02/18/92

Replicate 1 Time: 16:09
Peak Area (A-s): 0.270 Peak Height (A): 0.640
Background Pk Area (A-s): 0.413 Background Pk Height (A): 0.219
Blank Corrected Pk Area (A-s): 0.272
Concentration (ug/L): 62.2

Replicate 2 Time: 16:12
Peak Area (A-s): 0.268 Peak Height (A): 0.628
Background Pk Area (A-s): 0.411 Background Pk Height (A): 0.217
Blank Corrected Pk Area (A-s): 0.270
Concentration (ug/L): 61.7

Mean Conc (ug/L): 61.9 SD: 0.41 RSD(%): 0.66

Pb ID: MHAM34 1/2 DILA Seq. No.: 00039 A/S Pos.: 14 Date: 02/18/92

Replicate 1 Time: 16:15

Peak Area (A-s): 0.346 Peak Height (A): 0.776
Background Pk Area (A-s): 0.395 Background Pk Height (A): 0.236
Blank Corrected Pk Area (A-s): 0.348
Concentration (ug/L): 83.3

Replicate 2 Time: 16:19
Peak Area (A-s): 0.346 Peak Height (A): 0.788
Background Pk Area (A-s): 0.392 Background Pk Height (A): 0.235
Blank Corrected Pk Area (A-s): 0.349
Concentration (ug/L): 83.6

Mean Conc (ug/L): 83.5 SD: 0.17 RSD(%): 0.20

Recovery is 107.6%

~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00040 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 16:22
Peak Area (A-s): 0.237 Peak Height (A): 0.507
Background Pk Area (A-s): 0.305 Background Pk Height (A): 0.143
Blank Corrected Pk Area (A-s): 0.240
Concentration (ug/L): 53.7

Replicate 2 Time: 16:25
Peak Area (A-s): 0.235 Peak Height (A): 0.499
Background Pk Area (A-s): 0.303 Background Pk Height (A): 0.143
Blank Corrected Pk Area (A-s): 0.238
Concentration (ug/L): 53.2

Mean Conc (ug/L): 53.5 SD: 0.36 RSD(%): 0.68

Check sample is within range 43.875 - 53.625

~~~~~~

Pb ID: ~~ICB~~/CCB Seq. No.: 00041 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 16:28
Peak Area (A-s): 0.003 Peak Height (A): 0.016
Background Pk Area (A-s): 0.263 Background Pk Height (A): 0.147
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.1

Replicate 2 Time: 16:31
Peak Area (A-s): 0.000 Peak Height (A): 0.013
Background Pk Area (A-s): 0.269 Background Pk Height (A): 0.146
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.5

Mean Conc (ug/L): 0.8 SD: 0.43 RSD(%): 52.73

Check sample is within range -2.0 - 2.0

~~~~~~

Pb ID: MHAM34D 1/2 DIL Seq. No.: 00042 A/S Pos.: 15 Date: 02/18/92

Replicate 1 Time: 16:34
Peak Area (A-s): 0.278 Peak Height (A): 0.644
Background Pk Area (A-s): 0.414 Background Pk Height (A): 0.215
~~~~~~

Blank Corrected Pk Area (A-s): 0.281
Concentration (ug/L): 64.5

Replicate 2 Time: 16:37
Peak Area (A-s): 0.269 Peak Height (A): 0.644
Background Pk Area (A-s): 0.416 Background Pk Height (A): 0.211
Blank Corrected Pk Area (A-s): 0.272
Concentration (ug/L): 62.1

Mean Conc (ug/L): 63.3 SD: 1.65 RSD(%): 2.60

~~~~~~

Pb ID: MHAM34D 1/2 DIL A Seq. No.: 00043 A/S Pos.: 15 Date: 02/18/92

Replicate 1 Time: 16:41
Peak Area (A-s): 0.349 Peak Height (A): 0.772
Background Pk Area (A-s): 0.413 Background Pk Height (A): 0.235
Blank Corrected Pk Area (A-s): 0.352
Concentration (ug/L): 84.4

Replicate 2 Time: 16:44
Peak Area (A-s): 0.348 Peak Height (A): 0.765
Background Pk Area (A-s): 0.403 Background Pk Height (A): 0.233
Blank Corrected Pk Area (A-s): 0.351
Concentration (ug/L): 84.2

Mean Conc (ug/L): 84.3 SD: 0.15 RSD(%): 0.18

Recovery is 105.0%

~~~~~~

Pb ID: MHAM34S 1/2 DIL Seq. No.: 00044 A/S Pos.: 16 Date: 02/18/92

Replicate 1 Time: 16:47
Peak Area (A-s): 0.313 Peak Height (A): 0.720
Background Pk Area (A-s): 0.426 Background Pk Height (A): 0.239
Blank Corrected Pk Area (A-s): 0.316
Concentration (ug/L): 74.2

Replicate 2 Time: 16:50
Peak Area (A-s): 0.313 Peak Height (A): 0.697
Background Pk Area (A-s): 0.427 Background Pk Height (A): 0.234
Blank Corrected Pk Area (A-s): 0.315
Concentration (ug/L): 74.0

Mean Conc (ug/L): 74.1 SD: 0.10 RSD(%): 0.14

~~~~~~

Pb ID: PBW Seq. No.: 00045 A/S Pos.: 17 Date: 02/18/92

Replicate 1 Time: 16:53
Peak Area (A-s): 0.004 Peak Height (A): 0.023
Background Pk Area (A-s): 0.246 Background Pk Height (A): 0.136
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.2

Replicate 2 Time: 16:56
Peak Area (A-s): 0.004 Peak Height (A): 0.021
Background Pk Area (A-s): 0.247 Background Pk Height (A): 0.137
~~~~~~

Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.2

Mean Conc (ug/L): 1.2 SD: 0.00 RSD(%): 0.08

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Pb ID: PBW A Seq. No.: 00046 A/S Pos.: 17 Date: 02/18/92

Replicate 1 Time: 16:59
Peak Area (A-s): 0.104 Peak Height (A): 0.240
Background Pk Area (A-s): 0.220 Background Pk Height (A): 0.116
Blank Corrected Pk Area (A-s): 0.106
Concentration (ug/L): 22.0

Replicate 2 Time: 17:03
Peak Area (A-s): 0.107 Peak Height (A): 0.252
Background Pk Area (A-s): 0.216 Background Pk Height (A): 0.115
Blank Corrected Pk Area (A-s): 0.109
Concentration (ug/L): 22.7

Mean Conc (ug/L): 22.3 SD: 0.48 RSD(%): 2.17

Recovery is 105.6%

~~~~~~

Pb ID: LCSW Seq. No.: 00047 A/S Pos.: 18 Date: 02/18/92

Replicate 1 Time: 17:06
Peak Area (A-s): 0.238 Peak Height (A): 0.525
Background Pk Area (A-s): 0.297 Background Pk Height (A): 0.144
Blank Corrected Pk Area (A-s): 0.240
Concentration (ug/L): 53.9

Replicate 2 Time: 17:09
Peak Area (A-s): 0.240 Peak Height (A): 0.549
Background Pk Area (A-s): 0.290 Background Pk Height (A): 0.141
Blank Corrected Pk Area (A-s): 0.243
Concentration (ug/L): 54.5

Mean Conc (ug/L): 54.2 SD: 0.43 RSD(%): 0.79

~~~~~~

Pb ID: LCSW A Seq. No.: 00048 A/S Pos.: 18 Date: 02/18/92

Replicate 1 Time: 17:12
Peak Area (A-s): 0.323 Peak Height (A): 0.700
Background Pk Area (A-s): 0.266 Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): 0.325
Concentration (ug/L): 76.9

Replicate 2 Time: 17:15
Peak Area (A-s): 0.328 Peak Height (A): 0.728
Background Pk Area (A-s): 0.253 Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): 0.330
Concentration (ug/L): 78.3

Mean Conc (ug/L): 77.6 SD: 0.98 RSD(%): 1.26

Recovery is 116.7%
~~~~~~

Pb ID: MHAM35 Seq. No.: 00049 A/S Pos.: 19 Date: 02/18/92

Replicate 1 Time: 17:18
Peak Area (A-s): 0.004 Peak Height (A): 0.017
Background Pk Area (A-s): 0.252 Background Pk Height (A): 0.146
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 1.3

Replicate 2 Time: 17:22
Peak Area (A-s): 0.004 Peak Height (A): 0.015
Background Pk Area (A-s): 0.258 Background Pk Height (A): 0.139
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 1.3

Mean Conc (ug/L): 1.3 SD: 0.00 RSD(%): 0.14

Pb ID: MHAM35A Seq. No.: 00050 A/S Pos.: 19 Date: 02/18/92

Replicate 1 Time: 17:25
Peak Area (A-s): 0.097 Peak Height (A): 0.248
Background Pk Area (A-s): 0.232 Background Pk Height (A): 0.124
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L): 20.6

Replicate 2 Time: 17:28
Peak Area (A-s): 0.101 Peak Height (A): 0.230
Background Pk Area (A-s): 0.237 Background Pk Height (A): 0.125
Blank Corrected Pk Area (A-s): 0.104
Concentration (ug/L): 21.4

Mean Conc (ug/L): 21.0 SD: 0.59 RSD(%): 2.79

Recovery is 98.6%

Pb ID: ~~ICV~~/CCV Seq. No.: 00051 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 17:31
Peak Area (A-s): 0.235 Peak Height (A): 0.495
Background Pk Area (A-s): 0.309 Background Pk Height (A): 0.142
Blank Corrected Pk Area (A-s): 0.237
Concentration (ug/L): 53.2

Replicate 2 Time: 17:34
Peak Area (A-s): 0.233 Peak Height (A): 0.494
Background Pk Area (A-s): 0.307 Background Pk Height (A): 0.148
Blank Corrected Pk Area (A-s): 0.235
Concentration (ug/L): 52.6

Mean Conc (ug/L): 52.9 SD: 0.36 RSD(%): 0.68

Check sample is within range 43.875 - 53.625

Pb ID: ~~ICB~~/CCB Seq. No.: 00052 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 17:37

Peak Area (A-s): 0.004 Peak Height (A): 0.019
Background Pk Area (A-s): 0.264 Background Pk Height (A): 0.139
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 1.3

Replicate 2 Time: 17:40
Peak Area (A-s): 0.005 Peak Height (A): 0.015
Background Pk Area (A-s): 0.251 Background Pk Height (A): 0.135
Blank Corrected Pk Area (A-s): 0.008
Concentration (ug/L): 1.5

Mean Conc (ug/L): 1.4 SD: 0.18 RSD(%): 12.64

Check sample is within range -2.0 - 2.0

~~~~~~

Pb ID: MHAM35D Seq. No.: 00053 A/S Pos.: 20 Date: 02/18/92

Replicate 1 Time: 17:43
Peak Area (A-s): 0.001 Peak Height (A): 0.015
Background Pk Area (A-s): 0.259 Background Pk Height (A): 0.140
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.6

Replicate 2 Time: 17:47
Peak Area (A-s): 0.002 Peak Height (A): 0.019
Background Pk Area (A-s): 0.263 Background Pk Height (A): 0.143
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 0.9

Mean Conc (ug/L): 0.8 SD: 0.17 RSD(%): 22.43

~~~~~~

Pb ID: MHAM35DA Seq. No.: 00054 A/S Pos.: 20 Date: 02/18/92

Replicate 1 Time: 17:50
Peak Area (A-s): 0.099 Peak Height (A): 0.243
Background Pk Area (A-s): 0.240 Background Pk Height (A): 0.123
Blank Corrected Pk Area (A-s): 0.101
Concentration (ug/L): 20.9

Replicate 2 Time: 17:53
Peak Area (A-s): 0.100 Peak Height (A): 0.252
Background Pk Area (A-s): 0.239 Background Pk Height (A): 0.129
Blank Corrected Pk Area (A-s): 0.103
Concentration (ug/L): 21.3

Mean Conc (ug/L): 21.1 SD: 0.25 RSD(%): 1.18

Recovery is 101.6%

~~~~~~

Pb ID: MHAM35S Seq. No.: 00055 A/S Pos.: 21 Date: 02/18/92

Replicate 1 Time: 17:56
Peak Area (A-s): 0.107 Peak Height (A): 0.254
Background Pk Area (A-s): 0.272 Background Pk Height (A): 0.142
Blank Corrected Pk Area (A-s): 0.109
Concentration (ug/L): 22.6
~~~~~~

Replicate 2 Time: 17:59
Peak Area (A-s): 0.102 Peak Height (A): 0.251
Background Pk Area (A-s): 0.281 Background Pk Height (A): 0.141
Blank Corrected Pk Area (A-s): 0.104
Concentration (ug/L): 21.6

Mean Conc (ug/L): 22.1 SD: 0.75 RSD(%): 3.38

~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00056 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 18:02
Peak Area (A-s): 0.238 Peak Height (A): 0.512
Background Pk Area (A-s): 0.304 Background Pk Height (A): 0.145
Blank Corrected Pk Area (A-s): 0.240
Concentration (ug/L): 53.9

Replicate 2 Time: 18:06
Peak Area (A-s): 0.235 Peak Height (A): 0.496
Background Pk Area (A-s): 0.308 Background Pk Height (A): 0.149
Blank Corrected Pk Area (A-s): 0.237
Concentration (ug/L): 53.1

Mean Conc (ug/L): 53.5 SD: 0.59 RSD(%): 1.11

Check sample is within range 43.875 - 53.625

~~~~~~

Pb ID: ~~ICB~~/CCB Seq. No.: 00057 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 18:09
Peak Area (A-s): 0.003 Peak Height (A): 0.015
Background Pk Area (A-s): 0.264 Background Pk Height (A): 0.143
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.1

Replicate 2 Time: 18:12
Peak Area (A-s): 0.001 Peak Height (A): 0.019
Background Pk Area (A-s): 0.261 Background Pk Height (A): 0.139
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.6

Mean Conc (ug/L): 0.9 SD: 0.32 RSD(%): 37.92

Check sample is within range -2.0 - 2.0

~~~~~~

Pb ID: PB~~W~~S Seq. No.: 00058 A/S Pos.: 1 Date: 02/18/92

Replicate 1 Time: 18:39
Peak Area (A-s): 0.000 Peak Height (A): 0.017
Background Pk Area (A-s): 0.342 Background Pk Height (A): 0.179
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.5

Replicate 2 Time: 18:42
Peak Area (A-s): 0.003 Peak Height (A): 0.021
Background Pk Area (A-s): 0.288 Background Pk Height (A): 0.155
Blank Corrected Pk Area (A-s): 0.005
~~~~~~

Concentration (ug/L): 1.1

Mean Conc (ug/L): 0.8 SD: 0.38 RSD(%): 48.35

~~~~~~

Pb ID: PBVS A Seq. No.: 00059 A/S Pos.: 1 Date: 02/18/92

Replicate 1 Time: 18:45
Peak Area (A-s): 0.101 Peak Height (A): 0.227
Background Pk Area (A-s): 0.248 Background Pk Height (A): 0.128
Blank Corrected Pk Area (A-s): 0.103
Concentration (ug/L): 21.4

Replicate 2 Time: 18:49
Peak Area (A-s): 0.104 Peak Height (A): 0.233
Background Pk Area (A-s): 0.253 Background Pk Height (A): 0.135
Blank Corrected Pk Area (A-s): 0.106
Concentration (ug/L): 22.0

Mean Conc (ug/L): 21.7 SD: 0.42 RSD(%): 1.95

Recovery is 104.4%

~~~~~~

Pb ID: LCSS 1/50 DIL Seq. No.: 00060 A/S Pos.: 2 Date: 02/18/92

Replicate 1 Time: 18:52
Peak Area (A-s): 0.115 Peak Height (A): 0.262
Background Pk Area (A-s): 0.316 Background Pk Height (A): 0.160
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L): 24.4

Replicate 2 Time: 18:55
Peak Area (A-s): 0.119 Peak Height (A): 0.277
Background Pk Area (A-s): 0.317 Background Pk Height (A): 0.165
Blank Corrected Pk Area (A-s): 0.122
Concentration (ug/L): 25.5

Mean Conc (ug/L): 24.9 SD: 0.78 RSD(%): 3.11

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Pb ID: LCSS 1/50 DIL A Seq. No.: 00061 A/S Pos.: 2 Date: 02/18/92

Replicate 1 Time: 18:58
Peak Area (A-s): 0.191 Peak Height (A): 0.401
Background Pk Area (A-s): 0.380 Background Pk Height (A): 0.163
Blank Corrected Pk Area (A-s): 0.194
Concentration (ug/L): 42.2

Replicate 2 Time: 19:01
Peak Area (A-s): 0.188 Peak Height (A): 0.384
Background Pk Area (A-s): 0.376 Background Pk Height (A): 0.158
Blank Corrected Pk Area (A-s): 0.190
Concentration (ug/L): 41.4

Mean Conc (ug/L): 41.8 SD: 0.56 RSD(%): 1.34

Recovery is 84.5%
~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00062 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 19:05
Peak Area (A-s): 0.228 Peak Height (A): 0.482
Background Pk Area (A-s): 0.363 Background Pk Height (A): 0.169
Blank Corrected Pk Area (A-s): 0.231
Concentration (ug/L): 51.4

Replicate 2 Time: 19:08
Peak Area (A-s): 0.229 Peak Height (A): 0.470
Background Pk Area (A-s): 0.357 Background Pk Height (A): 0.173
Blank Corrected Pk Area (A-s): 0.231
Concentration (ug/L): 51.6

Mean Conc (ug/L): 51.5 SD: 0.13 RSD(%): 0.26

Check sample is within range 43.875 - 53.625

Pb ID: ~~ICB~~/CCB Seq. No.: 00063 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 19:11
Peak Area (A-s): 0.002 Peak Height (A): 0.014
Background Pk Area (A-s): 0.311 Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.0

Replicate 2 Time: 19:14
Peak Area (A-s): -0.001 Peak Height (A): 0.015
Background Pk Area (A-s): 0.309 Background Pk Height (A): 0.152
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.4

Mean Conc (ug/L): 0.7 SD: 0.43 RSD(%): 64.87

Check sample is within range -2.0 - 2.0

Pb ID: MFQ311 Seq. No.: 00064 A/S Pos.: 3 Date: 02/18/92

Replicate 1 Time: 19:20
Peak Area (A-s): 0.199 Peak Height (A): 0.463
Background Pk Area (A-s): 0.593 Background Pk Height (A): 0.298
Blank Corrected Pk Area (A-s): 0.202
Concentration (ug/L): 44.2

Replicate 2 Time: 19:24
Peak Area (A-s): 0.198 Peak Height (A): 0.420
Background Pk Area (A-s): 0.629 Background Pk Height (A): 0.319
Blank Corrected Pk Area (A-s): 0.200
Concentration (ug/L): 43.8

Mean Conc (ug/L): 44.0 SD: 0.30 RSD(%): 0.68

Pb ID: MFQ311~~A~~ Seq. No.: 00065 A/S Pos.: 3 Date: 02/18/92

Replicate 1 Time: 19:27

Peak Area (A-s): 0.279 Peak Height (A): 0.567
Background Pk Area (A-s): 0.577 Background Pk Height (A): 0.304
Blank Corrected Pk Area (A-s): 0.282
Concentration (ug/L): 64.8

Replicate 2 Time: 19:30
Peak Area (A-s): 0.274 Peak Height (A): 0.556
Background Pk Area (A-s): 0.577 Background Pk Height (A): 0.299
Blank Corrected Pk Area (A-s): 0.277
Concentration (ug/L): 63.5

Mean Conc (ug/L): 64.1 SD: 0.92 RSD(%): 1.43

Recovery is 100.4%

~~~~~~

Pb ID: MFQ312 Seq. No.: 00066 A/S Pos.: 4 Date: 02/18/92

Replicate 1 Time: 19:33
Peak Area (A-s): 0.061 Peak Height (A): 0.155
Background Pk Area (A-s): 0.413 Background Pk Height (A): 0.205
Blank Corrected Pk Area (A-s): 0.064
Concentration (ug/L): 12.9

Replicate 2 Time: 19:36
Peak Area (A-s): 0.057 Peak Height (A): 0.142
Background Pk Area (A-s): 0.417 Background Pk Height (A): 0.196
Blank Corrected Pk Area (A-s): 0.060
Concentration (ug/L): 12.0

Mean Conc (ug/L): 12.5 SD: 0.63 RSD(%): 5.09

~~~~~~

Pb ID: MFQ312A Seq. No.: 00067 A/S Pos.: 4 Date: 02/18/92

Replicate 1 Time: 19:40
Peak Area (A-s): 0.147 Peak Height (A): 0.345
Background Pk Area (A-s): 0.385 Background Pk Height (A): 0.186
Blank Corrected Pk Area (A-s): 0.150
Concentration (ug/L): 31.8

Replicate 2 Time: 19:43
Peak Area (A-s): 0.150 Peak Height (A): 0.362
Background Pk Area (A-s): 0.371 Background Pk Height (A): 0.178
Blank Corrected Pk Area (A-s): 0.152
Concentration (ug/L): 32.4

Mean Conc (ug/L): 32.1 SD: 0.44 RSD(%): 1.37

Recovery is 98.2%

~~~~~~

Pb ID: MFQ313 Seq. No.: 00068 A/S Pos.: 5 Date: 02/18/92

Replicate 1 Time: 19:46
Peak Area (A-s): 0.172 Peak Height (A): 0.422
Background Pk Area (A-s): 0.483 Background Pk Height (A): 0.224
Blank Corrected Pk Area (A-s): 0.175
Concentration (ug/L): 37.6
~~~~~~

Replicate 2 Time: 19:49
Peak Area (A-s): 0.169 Peak Height (A): 0.391
Background Pk Area (A-s): 0.485 Background Pk Height (A): 0.232
Blank Corrected Pk Area (A-s): 0.172
Concentration (ug/L): 37.0

Mean Conc (ug/L): 37.3 SD: 0.47 RSD(%): 1.27

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Pb ID: MFQ313A Seq. No.: 00069 A/S Pos.: 5 Date: 02/18/92

Replicate 1 Time: 19:52
Peak Area (A-s): 0.257 Peak Height (A): 0.610
Background Pk Area (A-s): 0.456 Background Pk Height (A): 0.232
Blank Corrected Pk Area (A-s): 0.259
Concentration (ug/L): 58.8

Replicate 2 Time: 19:56
Peak Area (A-s): 0.261 Peak Height (A): 0.605
Background Pk Area (A-s): 0.459 Background Pk Height (A): 0.243
Blank Corrected Pk Area (A-s): 0.263
Concentration (ug/L): 59.8

Mean Conc (ug/L): 59.3 SD: 0.71 RSD(%): 1.19

Recovery is 110.1%

~~~~~~

Pb ID: MFQ314 Seq. No.: 00070 A/S Pos.: 6 Date: 02/18/92

Replicate 1 Time: 19:59
Peak Area (A-s): 0.093 Peak Height (A): 0.236
Background Pk Area (A-s): 0.426 Background Pk Height (A): 0.207
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L): 19.7

Replicate 2 Time: 20:02
Peak Area (A-s): 0.095 Peak Height (A): 0.233
Background Pk Area (A-s): 0.431 Background Pk Height (A): 0.205
Blank Corrected Pk Area (A-s): 0.098
Concentration (ug/L): 20.2

Mean Conc (ug/L): 19.9 SD: 0.35 RSD(%): 1.74

~~~~~~

Pb ID: MFQ314A Seq. No.: 00071 A/S Pos.: 6 Date: 02/18/92

Replicate 1 Time: 20:05
Peak Area (A-s): 0.179 Peak Height (A): 0.452
Background Pk Area (A-s): 0.424 Background Pk Height (A): 0.201
Blank Corrected Pk Area (A-s): 0.181
Concentration (ug/L): 39.2

Replicate 2 Time: 20:09
Peak Area (A-s): 0.181 Peak Height (A): 0.433
Background Pk Area (A-s): 0.421 Background Pk Height (A): 0.198
Blank Corrected Pk Area (A-s): 0.184
Concentration (ug/L): 39.9
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Mean Conc (ug/L): 39.6 SD: 0.46 RSD(%): 1.16

Recovery is 98.1%

~~~~~~

Pb ID: MFQ324 1/100 DI Seq. No.: 00072 A/S Pos.: 7 Date: 02/18/92

Replicate 1 Time: 20:12
Peak Area (A-s): 0.092 Peak Height (A): 0.203
Background Pk Area (A-s): 0.348 Background Pk Height (A): 0.160
Blank Corrected Pk Area (A-s): 0.095
Concentration (ug/L): 19.5

Replicate 2 Time: 20:15
Peak Area (A-s): 0.090 Peak Height (A): 0.203
Background Pk Area (A-s): 0.345 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.093
Concentration (ug/L): 19.0

Mean Conc (ug/L): 19.2 SD: 0.33 RSD(%): 1.70

~~~~~~

Pb ID: MFQ324 1/100 DI A Seq. No.: 00073 A/S Pos.: 7 Date: 02/18/92

Replicate 1 Time: 20:18
Peak Area (A-s): 0.180 Peak Height (A): 0.390
Background Pk Area (A-s): 0.331 Background Pk Height (A): 0.150
Blank Corrected Pk Area (A-s): 0.183
Concentration (ug/L): 39.6

Replicate 2 Time: 20:21
Peak Area (A-s): 0.178 Peak Height (A): 0.380
Background Pk Area (A-s): 0.323 Background Pk Height (A): 0.146
Blank Corrected Pk Area (A-s): 0.181
Concentration (ug/L): 39.1

Mean Conc (ug/L): 39.3 SD: 0.31 RSD(%): 0.79

Recovery is 100.5%

~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00074 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 20:25
Peak Area (A-s): 0.234 Peak Height (A): 0.473
Background Pk Area (A-s): 0.348 Background Pk Height (A): 0.158
Blank Corrected Pk Area (A-s): 0.236
Concentration (ug/L): 52.8

Replicate 2 Time: 20:28
Peak Area (A-s): 0.231 Peak Height (A): 0.479
Background Pk Area (A-s): 0.347 Background Pk Height (A): 0.158
Blank Corrected Pk Area (A-s): 0.233 Background Pk Height (A): 0.159
0.233
Concentration (ug/L): 52.1
Concentration (ug/L) : 52.1

Mean Conc (ug/L): 52.5 SD: 0.50 RSD(%): 0.96
Mean Conc (ug/L): 52.5 SD: 0.50
Check sample is within range 43.875 - 53.625
~~~~~~

Pb ID: ~~ICB~~/CCB Seq. No.: 00075 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 20:31
Peak Area (A-s): 0.004 Peak Height (A): 0.018
Background Pk Area (A-s): 0.372 Background Pk Height (A): 0.164
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.3

Replicate 2 Time: 20:34
Peak Area (A-s): 0.003 Peak Height (A): 0.015
Background Pk Area (A-s): 0.380 Background Pk Height (A): 0.165
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.1

Mean Conc (ug/L): 1.2 SD: 0.14 RSD(%): 12.49

Check sample is within range -2.0 - 2.0

Pb ID: MFQ326 Seq. No.: 00076 A/S Pos.: 8 Date: 02/18/92

Replicate 1 Time: 20:37
Peak Area (A-s): 0.413 Peak Height (A): 0.878
Background Pk Area (A-s): 0.603 Background Pk Height (A): 0.363
Blank Corrected Pk Area (A-s): 0.416
Concentration (ug/L): 103.9

Replicate 2 Time: 20:40
Peak Area (A-s): 0.408 Peak Height (A): 0.875
Background Pk Area (A-s): 0.597 Background Pk Height (A): 0.354
Blank Corrected Pk Area (A-s): 0.411
Concentration (ug/L): 102.2

Mean Conc (ug/L): 103.1 SD: 1.19 RSD(%): 1.15

Pb ID: MFQ326A Seq. No.: 00077 A/S Pos.: 8 Date: 02/18/92

Replicate 1 Time: 20:44
Peak Area (A-s): 0.464 Peak Height (A): 0.956
Background Pk Area (A-s): 0.587 Background Pk Height (A): 0.381
Blank Corrected Pk Area (A-s): 0.466
Concentration (ug/L): 120.2

Replicate 2 Time: 20:47
Peak Area (A-s): 0.468 Peak Height (A): 0.972
Background Pk Area (A-s): 0.575 Background Pk Height (A): 0.365
Blank Corrected Pk Area (A-s): 0.471
Concentration (ug/L): 121.8

Mean Conc (ug/L): 121.0 SD: 1.16 RSD(%): 0.96

Recovery is 89.7%

Pb ID: MFQ327 Seq. No.: 00078 A/S Pos.: 9 Date: 02/18/92

Replicate 1 Time: 20:50

Peak Area (A-s): 0.274 | Peak Height (A): 0.653
Background Pk Area (A-s): 0.611 | Background Pk Height (A): 0.305
Blank Corrected Pk Area (A-s): 0.276
Concentration (ug/L): 63.4

Replicate 2 | Time: 20:53
Peak Area (A-s): 0.275 | Peak Height (A): 0.616
Background Pk Area (A-s): 0.627 | Background Pk Height (A): 0.320
Blank Corrected Pk Area (A-s): 0.278
Concentration (ug/L): 63.8

Mean Conc (ug/L): 63.6 SD: 0.27 RSD(%): 0.42

~~~~~~

Pb ID: MFQ327A Seq. No.: 00079 A/S Pos.: 9 Date: 02/18/92

Replicate 1 | Time: 20:57
Peak Area (A-s): 0.354 | Peak Height (A): 0.774
Background Pk Area (A-s): 0.603 | Background Pk Height (A): 0.336
Blank Corrected Pk Area (A-s): 0.356
Concentration (ug/L): 85.8

Replicate 2 | Time: 21:00
Peak Area (A-s): 0.351 | Peak Height (A): 0.774
Background Pk Area (A-s): 0.590 | Background Pk Height (A): 0.327
Blank Corrected Pk Area (A-s): 0.354
Concentration (ug/L): 85.1

Mean Conc (ug/L): 85.4 SD: 0.48 RSD(%): 0.56

Recovery is 109.2%

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Pb ID: MFQ328 1/10 DIL Seq. No.: 00080 A/S Pos.: 10 Date: 02/18/92

Replicate 1 | Time: 21:03
Peak Area (A-s): 0.131 | Peak Height (A): 0.303
Background Pk Area (A-s): 0.390 | Background Pk Height (A): 0.176
Blank Corrected Pk Area (A-s): 0.133
Concentration (ug/L): 28.0

Replicate 2 | Time: 21:06
Peak Area (A-s): 0.124 | Peak Height (A): 0.303
Background Pk Area (A-s): 0.388 | Background Pk Height (A): 0.182
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L): 26.5

Mean Conc (ug/L): 27.2 SD: 1.05 RSD(%): 3.87

~~~~~~

Pb ID: MFQ328 1/10 DIL A Seq. No.: 00081 A/S Pos.: 10 Date: 02/18/92

Replicate 1 | Time: 21:09
Peak Area (A-s): 0.215 | Peak Height (A): 0.479
Background Pk Area (A-s): 0.354 | Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): 0.217
Concentration (ug/L): 48.0

Replicate 2 | Time: 21:13
~~~~~~

Peak Area (A-s): 0.216 Peak Height (A): 0.494
Background Pk Area (A-s): 0.350 Background Pk Height (A): 0.163

Blank Corrected Pk Area (A-s): 0.218
Concentration (ug/L): 48.3

Mean Conc (ug/L): 48.2 SD: 0.22 RSD(%): 0.46

Recovery is 104.7%

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Pb ID: MFQ329 1/10 DIL Seq. No.: 00082 A/S Pos.: 11 Date: 02/18/92

Replicate 1 Time: 21:16
Peak Area (A-s): 0.144 Peak Height (A): 0.368
Background Pk Area (A-s): 0.374 Background Pk Height (A): 0.183
Blank Corrected Pk Area (A-s): 0.147
Concentration (ug/L): 31.2

Replicate 2 Time: 21:19
Peak Area (A-s): 0.153 Peak Height (A): 0.378
Background Pk Area (A-s): 0.355 Background Pk Height (A): 0.177
Blank Corrected Pk Area (A-s): 0.156
Concentration (ug/L): 33.2

Mean Conc (ug/L): 32.2 SD: 1.45 RSD(%): 4.50

~~~~~~

Pb ID: MFQ329 1/10 DIL A Seq. No.: 00083 A/S Pos.: 11 Date: 02/18/92

Replicate 1 Time: 21:22
Peak Area (A-s): 0.240 Peak Height (A): 0.568
Background Pk Area (A-s): 0.330 Background Pk Height (A): 0.161
Blank Corrected Pk Area (A-s): 0.243
Concentration (ug/L): 54.5

Replicate 2 Time: 21:26
Peak Area (A-s): 0.242 Peak Height (A): 0.596
Background Pk Area (A-s): 0.324 Background Pk Height (A): 0.156
Blank Corrected Pk Area (A-s): 0.244
Concentration (ug/L): 54.9

Mean Conc (ug/L): 54.7 SD: 0.30 RSD(%): 0.54

Recovery is 112.6%

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Pb ID: MFQ330 Seq. No.: 00084 A/S Pos.: 12 Date: 02/18/92

Replicate 1 Time: 21:29
Peak Area (A-s): 0.372 Peak Height (A): 0.822
Background Pk Area (A-s): 0.583 Background Pk Height (A): 0.322
Blank Corrected Pk Area (A-s): 0.374
Concentration (ug/L): 91.1

Replicate 2 Time: 21:32
Peak Area (A-s): 0.356 Peak Height (A): 0.789
Background Pk Area (A-s): 0.570 Background Pk Height (A): 0.321
Blank Corrected Pk Area (A-s): 0.358
Concentration (ug/L): 86.4
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Mean Conc (ug/L): 88.7 SD: 3.29 RSD(%): 3.71

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Pb ID: MFQ330A Seq. No.: 00085 A/S Pos.: 12 Date: 02/18/92

Replicate 1 Time: 21:35
Peak Area (A-s): 0.427 Peak Height (A): 0.905
Background Pk Area (A-s): 0.561 Background Pk Height (A): 0.335
Blank Corrected Pk Area (A-s): 0.429
Concentration (ug/L): 108.2

Replicate 2 Time: 21:38
Peak Area (A-s): 0.428 Peak Height (A): 0.903
Background Pk Area (A-s): 0.556 Background Pk Height (A): 0.345
Blank Corrected Pk Area (A-s): 0.431
Concentration (ug/L): 108.7

Mean Conc (ug/L): 108.4 SD: 0.36 RSD(%): 0.33

Recovery is 98.5%

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Pb ID: ~~ICV~~/CCV Seq. No.: 00086 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 21:42
Peak Area (A-s): 0.224 Peak Height (A): 0.460
Background Pk Area (A-s): 0.360 Background Pk Height (A): 0.168
Blank Corrected Pk Area (A-s): 0.226
Concentration (ug/L): 50.2

Replicate 2 Time: 21:45
Peak Area (A-s): 0.210 Peak Height (A): 0.423
Background Pk Area (A-s): 0.421 Background Pk Height (A): 0.189
Blank Corrected Pk Area (A-s): 0.212
Concentration (ug/L): 46.9

Mean Conc (ug/L): 48.6 SD: 2.39 RSD(%): 4.93

Check sample is within range 43.875 - 53.625

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Pb ID: ~~ICB~~/CCB Seq. No.: 00087 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 21:48
Peak Area (A-s): 0.003 Peak Height (A): 0.018
Background Pk Area (A-s): 0.330 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.1

Replicate 2 Time: 21:51
Peak Area (A-s): 0.003 Peak Height (A): 0.017
Background Pk Area (A-s): 0.396 Background Pk Height (A): 0.169
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.1

Mean Conc (ug/L): 1.1 SD: 0.02 RSD(%): 1.79

Check sample is within range -2.0 - 2.0
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Pb ID: MFQ331 1/10 DIL Seq. No.: 00088 A/S Pos.: 13 Date: 02/18/92

Replicate 1 Time: 21:54
Peak Area (A-s): 0.132 Peak Height (A): 0.303
Background Pk Area (A-s): 0.391 Background Pk Height (A): 0.185
Blank Corrected Pk Area (A-s): 0.134
Concentration (ug/L): 28.3

Replicate 2 Time: 21:57
Peak Area (A-s): 0.137 Peak Height (A): 0.316
Background Pk Area (A-s): 0.380 Background Pk Height (A): 0.179
Blank Corrected Pk Area (A-s): 0.139
Concentration (ug/L): 29.5

Mean Conc (ug/L): 28.9 SD: 0.81 RSD(%): 2.81

~~~~~~

Pb ID: MFQ331 1/10 DIL A Seq. No.: 00089 A/S Pos.: 13 Date: 02/18/92

Replicate 1 Time: 22:00
Peak Area (A-s): 0.222 Peak Height (A): 0.488
Background Pk Area (A-s): 0.352 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.225
Concentration (ug/L): 49.9

Replicate 2 Time: 22:04
Peak Area (A-s): 0.219 Peak Height (A): 0.491
Background Pk Area (A-s): 0.354 Background Pk Height (A): 0.167
Blank Corrected Pk Area (A-s): 0.221
Concentration (ug/L): 49.0

Mean Conc (ug/L): 49.5 SD: 0.65 RSD(%): 1.32

Recovery is 102.8%

~~~~~~

Pb ID: MFQ332 Seq. No.: 00090 A/S Pos.: 14 Date: 02/18/92

Replicate 1 Time: 22:07
Peak Area (A-s): 0.124 Peak Height (A): 0.317
Background Pk Area (A-s): 0.471 Background Pk Height (A): 0.228
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L): 26.5

Replicate 2 Time: 22:10
Peak Area (A-s): 0.133 Peak Height (A): 0.320
Background Pk Area (A-s): 0.468 Background Pk Height (A): 0.222
Blank Corrected Pk Area (A-s): 0.136
Concentration (ug/L): 28.6

Mean Conc (ug/L): 27.5 SD: 1.51 RSD(%): 5.49

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Pb ID: MFQ332 A Seq. No.: 00091 A/S Pos.: 14 Date: 02/18/92

Replicate 1 Time: 22:13
Peak Area (A-s): 0.217 Peak Height (A): 0.515
Background Pk Area (A-s): 0.443 Background Pk Height (A): 0.213

Blank Corrected Pk Area (A-s): 0.220
Concentration (ug/L): 48.6

Replicate 2 — Time: 22:16
Peak Area (A-s): 0.215 — Peak Height (A): 0.510
Background Pk Area (A-s): 0.446 — Background Pk Height (A): 0.218
Blank Corrected Pk Area (A-s): 0.217
Concentration (ug/L): 48.0

Mean Conc (ug/L): 48.3 SD: 0.46 RSD(%): 0.95

Recovery is 103.9%

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Pb ID: MFQ333 Seq. No.: 00092 A/S Pos.: 15 Date: 02/18/92

Replicate 1 — Time: 22:20
Peak Area (A-s): 0.335 — Peak Height (A): 0.765
Background Pk Area (A-s): 0.577 — Background Pk Height (A): 0.308
Blank Corrected Pk Area (A-s): 0.337
Concentration (ug/L): 80.3

Replicate 2 — Time: 22:23
Peak Area (A-s): 0.336 — Peak Height (A): 0.773
Background Pk Area (A-s): 0.574 — Background Pk Height (A): 0.316
Blank Corrected Pk Area (A-s): 0.339
Concentration (ug/L): 80.6

Mean Conc (ug/L): 80.4 SD: 0.24 RSD(%): 0.30

~~~~~~

Pb ID: MFQ333 A Seq. No.: 00093 A/S Pos.: 15 Date: 02/18/92

Replicate 1 — Time: 22:26
Peak Area (A-s): 0.402 — Peak Height (A): 0.862
Background Pk Area (A-s): 0.553 — Background Pk Height (A): 0.326
Blank Corrected Pk Area (A-s): 0.404
Concentration (ug/L): 100.2

Replicate 2 — Time: 22:29
Peak Area (A-s): 0.402 — Peak Height (A): 0.856
Background Pk Area (A-s): 0.554 — Background Pk Height (A): 0.322
Blank Corrected Pk Area (A-s): 0.404
Concentration (ug/L): 100.2

Mean Conc (ug/L): 100.2 SD: 0.02 RSD(%): 0.02

Recovery is 98.7%

~~~~~~

Pb ID: MFQ334 1/10 DIL Seq. No.: 00094 A/S Pos.: 16 Date: 02/18/92

Replicate 1 — Time: 22:32
Peak Area (A-s): 0.135 — Peak Height (A): 0.302
Background Pk Area (A-s): 0.395 — Background Pk Height (A): 0.184
Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L): 28.9

Replicate 2 — Time: 22:35
~~~~~~

Peak Area (A-s): 0.128 Peak Height (A): 0.292
Background Pk Area (A-s): 0.385 Background Pk Height (A): 0.185
Blank Corrected Pk Area (A-s): 0.130
Concentration (ug/L): 27.3

Mean Conc (ug/L): 28.1 SD: 1.14 RSD(%): 4.06

~~~~~~

Pb ID: MFQ334 1/10 DIL A Seq. No.: 00095 A/S Pos.: 16 Date: 02/18/92

Replicate 1 Time: 22:39
Peak Area (A-s): 0.217 Peak Height (A): 0.494
Background Pk Area (A-s): 0.351 Background Pk Height (A): 0.169
Blank Corrected Pk Area (A-s): 0.220
Concentration (ug/L): 48.7

Replicate 2 Time: 22:42
Peak Area (A-s): 0.213 Peak Height (A): 0.480
Background Pk Area (A-s): 0.375 Background Pk Height (A): 0.166
Blank Corrected Pk Area (A-s): 0.215
Concentration (ug/L): 47.5

Mean Conc (ug/L): 48.1 SD: 0.85 RSD(%): 1.76

Recovery is 100.0%

~~~~~~

Pb ID: MFQ334D 1/10 DI Seq. No.: 00096 A/S Pos.: 17 Date: 02/18/92

Replicate 1 Time: 22:45
Peak Area (A-s): 0.133 Peak Height (A): 0.323
Background Pk Area (A-s): 0.396 Background Pk Height (A): 0.187
Blank Corrected Pk Area (A-s): 0.136
Concentration (ug/L): 28.6

Replicate 2 Time: 22:48
Peak Area (A-s): 0.133 Peak Height (A): 0.302
Background Pk Area (A-s): 0.378 Background Pk Height (A): 0.182
Blank Corrected Pk Area (A-s): 0.136
Concentration (ug/L): 28.6

Mean Conc (ug/L): 28.6 SD: 0.04 RSD(%): 0.12

~~~~~~

Pb ID: MFQ334D 1/10 DI A Seq. No.: 00097 A/S Pos.: 17 Date: 02/18/92

Replicate 1 Time: 22:51
Peak Area (A-s): 0.207 Peak Height (A): 0.460
Background Pk Area (A-s): 0.384 Background Pk Height (A): 0.169
Blank Corrected Pk Area (A-s): 0.209
Concentration (ug/L): 46.1

Replicate 2 Time: 22:55
Peak Area (A-s): 0.228 Peak Height (A): 0.545
Background Pk Area (A-s): 0.325 Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.231
Concentration (ug/L): 51.4

Mean Conc (ug/L): 48.7 SD: 3.79 RSD(%): 7.77
~~~~~~

Recovery is 100.8%

~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00098 A/S Pos.: 36 Date: 02/18/92

Replicate 1 Time: 22:58
Peak Area (A-s): 0.227 Peak Height (A): 0.472
Background Pk Area (A-s): 0.390 Background Pk Height (A): 0.184
Blank Corrected Pk Area (A-s): 0.229
Concentration (ug/L): 51.1

Replicate 2 Time: 23:01
Peak Area (A-s): 0.223 Peak Height (A): 0.466
Background Pk Area (A-s): 0.385 Background Pk Height (A): 0.185
Blank Corrected Pk Area (A-s): 0.226
Concentration (ug/L): 50.2

Mean Conc (ug/L): 50.7 SD: 0.63 RSD(%): 1.25

Check sample is within range 43.875 - 53.625

~~~~~~

Pb ID: ~~ICB~~/CCB Seq. No.: 00099 A/S Pos.: 40 Date: 02/18/92

Replicate 1 Time: 23:04
Peak Area (A-s): -0.000 Peak Height (A): 0.020
Background Pk Area (A-s): 0.338 Background Pk Height (A): 0.172
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.4

Replicate 2 Time: 23:07
Peak Area (A-s): 0.003 Peak Height (A): 0.019
Background Pk Area (A-s): 0.403 Background Pk Height (A): 0.171
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.0

Mean Conc (ug/L): 0.7 SD: 0.46 RSD(%): 64.27

Check sample is within range -2.0 - 2.0

~~~~~~

Pb ID: MFQ334S 1/10 DI Seq. No.: 00100 A/S Pos.: 18 Date: 02/18/92

Replicate 1 Time: 23:10
Peak Area (A-s): 0.128 Peak Height (A): 0.286
Background Pk Area (A-s): 0.405 Background Pk Height (A): 0.174
Blank Corrected Pk Area (A-s): 0.131
Concentration (ug/L): 27.4

Replicate 2 Time: 23:13
Peak Area (A-s): 0.136 Peak Height (A): 0.331
Background Pk Area (A-s): 0.365 Background Pk Height (A): 0.176
Blank Corrected Pk Area (A-s): 0.138
Concentration (ug/L): 29.2

Mean Conc (ug/L): 28.3 SD: 1.24 RSD(%): 4.39

~~~~~~

Pb ID: MFQ335 1/10 DIL Seq. No.: 00101 A/S Pos.: 19 Date: 02/18/92

230

Replicate 1 Time: 23:16
Peak Area (A-s): 0.055 Peak Height (A): 0.135
Background Pk Area (A-s): 0.380 Background Pk Height (A): 0.184
Blank Corrected Pk Area (A-s): 0.058
Concentration (ug/L): 11.6

Replicate 2 Time: 23:19
Peak Area (A-s): 0.051 Peak Height (A): 0.146
Background Pk Area (A-s): 0.347 Background Pk Height (A): 0.174
Blank Corrected Pk Area (A-s): 0.053
Concentration (ug/L): 10.7

Mean Conc (ug/L): 11.2 SD: 0.62 RSD(%): 5.55

~~~~~~

Pb ID: MFQ335 1/10 DIL A Seq. No.: 00102 A/S Pos.: 19 Date: 02/18/92

Replicate 1 Time: 23:23
Peak Area (A-s): 0.148 Peak Height (A): 0.353
Background Pk Area (A-s): 0.327 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.151
Concentration (ug/L): 32.1

Replicate 2 Time: 23:26
Peak Area (A-s): 0.150 Peak Height (A): 0.341
Background Pk Area (A-s): 0.332 Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.152
Concentration (ug/L): 32.3

Mean Conc (ug/L): 32.2 SD: 0.20 RSD(%): 0.62

Recovery is 105.1%

~~~~~~

Pb ID: MFQ336 1/10 DIL Seq. No.: 00103 A/S Pos.: 20 Date: 02/18/92

Replicate 1 Time: 23:29
Peak Area (A-s): 0.206 Peak Height (A): 0.476
Background Pk Area (A-s): 0.396 Background Pk Height (A): 0.188
Blank Corrected Pk Area (A-s): 0.208
Concentration (ug/L): 45.9

Replicate 2 Time: 23:32
Peak Area (A-s): 0.207 Peak Height (A): 0.456
Background Pk Area (A-s): 0.416 Background Pk Height (A): 0.198
Blank Corrected Pk Area (A-s): 0.209
Concentration (ug/L): 46.1

Mean Conc (ug/L): 46.0 SD: 0.14 RSD(%): 0.31

~~~~~~

Pb ID: MFQ336 1/10 DIL A Seq. No.: 00104 A/S Pos.: 20 Date: 02/18/92

Replicate 1 Time: 23:35
Peak Area (A-s): 0.284 Peak Height (A): 0.652
Background Pk Area (A-s): 0.361 Background Pk Height (A): 0.178
Blank Corrected Pk Area (A-s): 0.286
Concentration (ug/L): 66.0
~~~~~~

Replicate 2 Time: 23:38
Peak Area (A-s): 0.283 Peak Height (A): 0.665
Background Pk Area (A-s): 0.361 Background Pk Height (A): 0.177
Blank Corrected Pk Area (A-s): 0.285
Concentration (ug/L): 65.7

Mean Conc (ug/L): 65.8 SD: 0.20 RSD(%): 0.31

Recovery is 99.4%

~~~~~~

Pb ID: MFQ337 Seq. No.: 00105 A/S Pos.: 21 Date: 02/18/92

Replicate 1 Time: 23:42
Peak Area (A-s): 0.338 Peak Height (A): 0.762
Background Pk Area (A-s): 0.549 Background Pk Height (A): 0.294
Blank Corrected Pk Area (A-s): 0.341
Concentration (ug/L): 81.3

Replicate 2 Time: 23:45
Peak Area (A-s): 0.331 Peak Height (A): 0.752
Background Pk Area (A-s): 0.558 Background Pk Height (A): 0.305
Blank Corrected Pk Area (A-s): 0.333
Concentration (ug/L): 79.1

Mean Conc (ug/L): 80.2 SD: 1.52 RSD(%): 1.89

~~~~~~

Pb ID: MFQ337 A Seq. No.: 00106 A/S Pos.: 21 Date: 02/18/92

Replicate 1 Time: 23:48
Peak Area (A-s): 0.403 Peak Height (A): 0.867
Background Pk Area (A-s): 0.527 Background Pk Height (A): 0.318
Blank Corrected Pk Area (A-s): 0.405
Concentration (ug/L): 100.5

Replicate 2 Time: 23:51
Peak Area (A-s): 0.402 Peak Height (A): 0.880
Background Pk Area (A-s): 0.519 Background Pk Height (A): 0.303
Blank Corrected Pk Area (A-s): 0.404
Concentration (ug/L): 100.3

Mean Conc (ug/L): 100.4 SD: 0.17 RSD(%): 0.17

Recovery is 100.9%

~~~~~~

Pb ID: MFQ338 1/2 DIL Seq. No.: 00107 A/S Pos.: 22 Date: 02/18/92

Replicate 1 Time: 23:54
Peak Area (A-s): 0.216 Peak Height (A): 0.547
Background Pk Area (A-s): 0.471 Background Pk Height (A): 0.219
Blank Corrected Pk Area (A-s): 0.219
Concentration (ug/L): 48.5

Replicate 2 Time: 23:57
Peak Area (A-s): 0.212 Peak Height (A): 0.527
Background Pk Area (A-s): 0.467 Background Pk Height (A): 0.213
Blank Corrected Pk Area (A-s): 0.214
~~~~~~

Concentration (ug/L): 47.3

Mean Conc (ug/L): 47.9 SD: 0.81 RSD(%): 1.69

~~~~~~

Pb ID: MFQ338 1/2 DIL A Seq. No.: 00108 A/S Pos.: 22 Date: 02/18/92

Replicate 1 Time: 00:01
Peak Area (A-s): 0.291 Peak Height (A): 0.690
Background Pk Area (A-s): 0.443 Background Pk Height (A): 0.234
Blank Corrected Pk Area (A-s): 0.293
Concentration (ug/L): 67.9

Replicate 2 Time: 00:04
Peak Area (A-s): 0.299 Peak Height (A): 0.693
Background Pk Area (A-s): 0.446 Background Pk Height (A): 0.233
Blank Corrected Pk Area (A-s): 0.301
Concentration (ug/L): 70.1

Mean Conc (ug/L): 69.0 SD: 1.54 RSD(%): 2.23

Recovery is 105.4%

~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00109 A/S Pos.: 36 Date: 02/19/92

Replicate 1 Time: 00:07
Peak Area (A-s): 0.224 Peak Height (A): 0.486
Background Pk Area (A-s): 0.358 Background Pk Height (A): 0.165
Blank Corrected Pk Area (A-s): 0.226
Concentration (ug/L): 50.3

Replicate 2 Time: 00:10
Peak Area (A-s): 0.222 Peak Height (A): 0.448
Background Pk Area (A-s): 0.441 Background Pk Height (A): 0.195
Blank Corrected Pk Area (A-s): 0.225
Concentration (ug/L): 49.9

Mean Conc (ug/L): 50.1 SD: 0.30 RSD(%): 0.61

Check sample is within range 43.875 - 53.625

~~~~~~

Pb ID: ~~ICB~~/CCB Seq. No.: 00110 A/S Pos.: 40 Date: 02/19/92

Replicate 1 Time: 00:13
Peak Area (A-s): 0.005 Peak Height (A): 0.015
Background Pk Area (A-s): 0.317 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.008
Concentration (ug/L): 1.5

Replicate 2 Time: 00:16
Peak Area (A-s): -0.002 Peak Height (A): 0.010
Background Pk Area (A-s): 0.405 Background Pk Height (A): 0.169
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.1

Mean Conc (ug/L): 0.8 SD: 0.98 RSD(%): 122.43
~~~~~~

Check sample is within range -2.0 - 2.0

End of Run

Pb   ID: MFQ339   Seq. No.: 00111   A/S Pos.: 23   Date: 02/19/92

Sample abs. is greater than that of the largest standard.
Replicate 1   Time: 00:19
Peak Area (A-s): 0.922   Peak Height (A): 1.480
Background Pk Area (A-s): 0.750   Background Pk Height (A): 0.701
Blank Corrected Pk Area (A-s): 0.925
Concentration (ug/L): 326.7

Sample abs. is greater than that of the largest standard.
Replicate 2   Time: 00:23
Peak Area (A-s): 0.930   Peak Height (A): 1.538
Background Pk Area (A-s): 0.730   Background Pk Height (A): 0.715
Blank Corrected Pk Area (A-s): 0.932
Concentration (ug/L): 331.2

Sample abs. is greater than that of the largest standard.
Mean Conc (ug/L): 329.0   SD: 3.15   RSD(%): 0.96

Pb   ID: MFQ339   Seq. No.: 00112   A/S Pos.: 23   Date: 02/19/92

Sample abs. is greater than that of the largest standard.
Replicate 1   Time: 00:26
Peak Area (A-s): 0.947   Peak Height (A): 1.515
Background Pk Area (A-s): 0.696   Background Pk Height (A): 0.718
Blank Corrected Pk Area (A-s): 0.950
Concentration (ug/L): 341.9

DCS
2-19-92

The original Furnace AA raw data for Lead second run for case 17700, SDG MFQ311 is located in the region copy of the data package for case 17716, SDG MBBE97. A copy is included herein.

Diana Smedra

Diana Smedra

Element File: PB_CLP.GBL Element: Pb Wavelength: 283.3
Date: 02/19/92 Time: 07:20 Slit: [illegible]
Data File: 2A17PB.DAT ID/Wt [illegible] Lamp Current: 0
Technique: HGA Calib. Type: [illegible]
Remark [illegible]
[illegible] prepared from SPEX Plasma Standards.
Remark 4: All concentrations were calculated based on peak areas.
Remark 5: Analyst: D. Seymour

Pb ID: Blank SO Seq. No.: 00001 A/S Pos.: 40 Date: 02/19/92

Replicate 1 Time: 07:20
Peak Area (A-s): 0.018 Peak Height (A): 0.044
Background Pk Area (A-s): 0.394 Background Pk Height (A): 0.197
Blank Corrected Pk Area (A-s): 0.018

Replicate 2 Time: 07:23
Peak Area (A-s): 0.001 Peak Height (A): 0.014
Background Pk Area (A-s): 0.323 Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.001

Mean Pk Area (A-s): 0.009 SD: 0.0123 RSD(%): 131.77

Auto-zero performed.

Pb ID: Standard 1 S3 Seq. No.: 00002 A/S Pos.: 0 Date: 02/19/92

Replicate 1 Time: 07:26
Peak Area (A-s): 0.022 Peak Height (A): 0.054
Background Pk Area (A-s): 0.306 Background Pk Height (A): 0.154
Blank Corrected Pk Area (A-s): 0.013

Replicate 2 Time: 07:29
Peak Area (A-s): 0.016 Peak Height (A): 0.049
Background Pk Area (A-s): 0.322 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.007

Mean Pk Area (A-s): 0.010 SD: 0.0045 RSD(%): 46.39

Standard number 1 applied. [3.0]
Correlation coefficient: 1.00000 Slope: 0.0033

Pb ID: Standard 2 S15 Seq. No.: 00003 A/S Pos.: 37 Date: 02/19/92

Replicate 1 Time: 07:32
Peak Area (A-s): 0.075 Peak Height (A): 0.159
Background Pk Area (A-s): 0.313 Background Pk Height (A): 0.149
Blank Corrected Pk Area (A-s): 0.066
Concentration (ug/L): 20.3

Replicate 2 Time: 07:36
Peak Area (A-s): 0.074 Peak Height (A): 0.170
Background Pk Area (A-s): 0.314 Background Pk Height (A): 0.152
Blank Corrected Pk Area (A-s): 0.065

Concentration (ug/L): 19.8

Mean Conc (ug/L): 20.1 SD: 0.31 RSD(%): 1.56

Standard number 2 applied. [15.0]
Correlation coefficient: 1.00000 Slope: 0.0031

~~~~~~

Pb ID: Standard 3 S30 Seq. No.: 00004 A/S Pos.: 38 Date: 02/19/92

Replicate 1 Time: 07:39
Peak Area (A-s): 0.130 Peak Height (A): 0.298
Background Pk Area (A-s): 0.325 Background Pk Height (A): 0.156
Blank Corrected Pk Area (A-s): 0.120
Concentration (ug/L): 22.1

Replicate 2 Time: 07:42
Peak Area (A-s): 0.136 Peak Height (A): 0.302
Background Pk Area (A-s): 0.316 Background Pk Height (A): 0.147
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L): 22.7

Mean Conc (ug/L): 22.4 SD: 0.42 RSD(%): 1.87

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 3 applied. [30.0]
Correlation coefficient: 0.99376 Slope: 0.0035

~~~~~~

Pb ID: Standard 4 S60 Seq. No.: 00005 A/S Pos.: 39 Date: 02/19/92

Replicate 1 Time: 07:45
Peak Area (A-s): 0.260 Peak Height (A): 0.545
Background Pk Area (A-s): 0.347 Background Pk Height (A): 0.155
Blank Corrected Pk Area (A-s): 0.251
Concentration (ug/L): 48.7

Replicate 2 Time: 07:49
Peak Area (A-s): 0.259 Peak Height (A): 0.538
Background Pk Area (A-s): 0.347 Background Pk Height (A): 0.156
Blank Corrected Pk Area (A-s): 0.249
Concentration (ug/L): 48.5

Mean Conc (ug/L): 48.6 SD: 0.13 RSD(%): 0.26

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 4 applied. [60.0]
Correlation coefficient: 0.99801 Slope: 0.0038

~~~~~~

Pb ID: Standard 5 S120 Seq. No.: 00006 A/S Pos.: 34 Date: 02/19/92

Replicate 1 Time: 07:52
Peak Area (A-s): 0.470 Peak Height (A): 0.881
Background Pk Area (A-s): 0.379 Background Pk Height (A): 0.230
Blank Corrected Pk Area (A-s): 0.461
Concentration (ug/L): 96.8

Replicate 2 Time: 07:55
~~~~~~

Peak Area (A-s): 0.463 Peak Height (A): 0.885
Background Pk Area (A-s): 0.385 Background Pk Height (A): 0.230

Blank Corrected Pk Area (A-s): 0.454
Concentration (ug/L): 95.6

Mean Conc (ug/L): 96.2 SD: 0.80 RSD(%): 0.83

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 5 applied. [120.0]
Correlation coefficient: 0.99770 Slope: 0.0040

~~~~~~

Pb ID: ICV/~~CCV~~ Seq. No.: 00007 A/S Pos.: 36 Date: 02/19/92

Replicate 1 Time: 08:04
Peak Area (A-s): 0.227 Peak Height (A): 0.484
Background Pk Area (A-s): 0.341 Background Pk Height (A): 0.156
Blank Corrected Pk Area (A-s): 0.217
Concentration (ug/L): 52.1

Replicate 2 Time: 08:07
Peak Area (A-s): 0.221 Peak Height (A): 0.469
Background Pk Area (A-s): 0.339 Background Pk Height (A): 0.155
Blank Corrected Pk Area (A-s): 0.211
Concentration (ug/L): 50.5

Mean Conc (ug/L): 51.3 SD: 1.08 RSD(%): 2.11

Check sample is within range 43.875 - 53.625

~~~~~~

Pb ID: ICB/~~CCB~~ Seq. No.: 00008 A/S Pos.: 40 Date: 02/19/92

Replicate 1 Time: 08:10
Peak Area (A-s): 0.003 Peak Height (A): 0.015
Background Pk Area (A-s): 0.296 Background Pk Height (A): 0.150
Blank Corrected Pk Area (A-s): -0.007
Concentration (ug/L): -1.6

Replicate 2 Time: 08:13
Peak Area (A-s): 0.001 Peak Height (A): 0.016
Background Pk Area (A-s): 0.298 Background Pk Height (A): 0.146
Blank Corrected Pk Area (A-s): -0.008
Concentration (ug/L): -1.9

Mean Conc (ug/L): -1.7 SD: 0.24 RSD(%): 13.56

Check sample is within range -2.0 - 2.0

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Pb ID: CRA Seq. No.: 00009 A/S Pos.: 0 Date: 02/19/92

Replicate 1 Time: 08:16
Peak Area (A-s): 0.022 Peak Height (A): 0.049
Background Pk Area (A-s): 0.302 Background Pk Height (A): 0.149
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L): 3.0

Replicate 2 Time: 08:19
~~~~~~

Peak Area (A-s): 0.020 Peak Height (A): 0.050
Background Pk Area (A-s): 0.292 Background Pk Height (A): 0.149
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L): 2.5

Mean Conc (ug/L): 2.7 SD: 0.33 RSD(%): 12.06

~~~~~~

Pb ID: MFQ326 1/2 DIL Seq. No.: 00010 A/S Pos.: 8 Date: 02/19/92

Replicate 1 Time: 08:22
Peak Area (A-s): 0.233 Peak Height (A): 0.559
Background Pk Area (A-s): 0.472 Background Pk Height (A): 0.221
Blank Corrected Pk Area (A-s): 0.224
Concentration (ug/L): 53.7

Replicate 2 Time: 08:26
Peak Area (A-s): 0.225 Peak Height (A): 0.552
Background Pk Area (A-s): 0.475 Background Pk Height (A): 0.221
Blank Corrected Pk Area (A-s): 0.216
Concentration (ug/L): 51.7

Mean Conc (ug/L): 52.7 SD: 1.48 RSD(%): 2.81

~~~~~~

Pb ID: MFQ326 1/2 DIL A Seq. No.: 00011 A/S Pos.: 8 Date: 02/19/92

Replicate 1 Time: 08:29
Peak Area (A-s): 0.306 Peak Height (A): 0.715
Background Pk Area (A-s): 0.462 Background Pk Height (A): 0.242
Blank Corrected Pk Area (A-s): 0.297
Concentration (ug/L): 72.5

Replicate 2 Time: 08:32
Peak Area (A-s): 0.301 Peak Height (A): 0.712
Background Pk Area (A-s): 0.466 Background Pk Height (A): 0.233
Blank Corrected Pk Area (A-s): 0.291
Concentration (ug/L): 71.0

Mean Conc (ug/L): 71.7 SD: 1.05 RSD(%): 1.47

Recovery is 95.3%

~~~~~~

Pb ID: MFQ339 1/10 DIL Seq. No.: 00012 A/S Pos.: 23 Date: 02/19/92

Replicate 1 Time: 08:35
Peak Area (A-s): 0.159 Peak Height (A): 0.391
Background Pk Area (A-s): 0.357 Background Pk Height (A): 0.171
Blank Corrected Pk Area (A-s): 0.150
Concentration (ug/L): 35.5

Replicate 2 Time: 08:38
Peak Area (A-s): 0.158 Peak Height (A): 0.384
Background Pk Area (A-s): 0.369 Background Pk Height (A): 0.177
Blank Corrected Pk Area (A-s): 0.149
Concentration (ug/L): 35.3

Mean Conc (ug/L): 35.4 SD: 0.16 RSD(%): 0.45
~~~~~~

Peak Area (A-s): 0.004　　Peak Height (A): 0.017
Background Pk Area (A-s): 0.272　　Background Pk Height (A): 0.148
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L): -1.1

Replicate 2　　Time: 09:04
Peak Area (A-s): 0.007　　Peak Height (A): 0.021
Background Pk Area (A-s): 0.289　　Background Pk Height (A): 0.151
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -0.6

Mean Conc (ug/L): -0.9　　SD: 0.35　　RSD(%): 38.97

~~~~~~

Pb　ID: PBWA　　Seq. No.: 00017　A/S Pos.: 25　Date: 02/19/92

Replicate 1　　Time: 09:07
Peak Area (A-s): 0.090　　Peak Height (A): 0.212
Background Pk Area (A-s): 0.270　　Background Pk Height (A): 0.138
Blank Corrected Pk Area (A-s): 0.081
Concentration (ug/L): 19.0

Replicate 2　　Time: 09:10
Peak Area (A-s): 0.096　　Peak Height (A): 0.215
Background Pk Area (A-s): 0.266　　Background Pk Height (A): 0.132
Blank Corrected Pk Area (A-s): 0.087
Concentration (ug/L): 20.3

Mean Conc (ug/L): 19.7　　SD: 0.93　　RSD(%): 4.73

Recovery is 102.8%

~~~~~~

Pb　ID: ~~ICV~~/CCV　　Seq. No.: 00018　A/S Pos.: 36　Date: 02/19/92

Replicate 1　　Time: 09:14
Peak Area (A-s): 0.218　　Peak Height (A): 0.482
Background Pk Area (A-s): 0.333　　Background Pk Height (A): 0.151
Blank Corrected Pk Area (A-s): 0.208
Concentration (ug/L): 49.8

Replicate 2　　Time: 09:17
Peak Area (A-s): 0.222　　Peak Height (A): 0.478
Background Pk Area (A-s): 0.327　　Background Pk Height (A): 0.149
Blank Corrected Pk Area (A-s): 0.213
Concentration (ug/L): 51.0

Mean Conc (ug/L): 50.4　　SD: 0.84　　RSD(%): 1.66

Check sample is within range 43.875 - 53.625

~~~~~~

Pb　ID: ~~ICB~~/CCB　　Seq. No.: 00019　A/S Pos.: 40　Date: 02/19/92

Replicate 1　　Time: 09:20
Peak Area (A-s): 0.005　　Peak Height (A): 0.019
Background Pk Area (A-s): 0.293　　Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L): -1.0
~~~~~~

Replicate 2 Time: 09:23
Peak Area (A-s): 0.002 Peak Height (A): 0.014
Background Pk Area (A-s): 0.293 Background Pk Height (A): 0.158
Blank Corrected Pk Area (A-s): -0.008
Concentration (ug/L): -1.8

Mean Conc (ug/L): -1.4 SD: 0.60 RSD(%): 43.67

Check sample is within range -2.0 - 2.0

~~~~~~

Pb ID: LCSW Seq. No.: 00020 A/S Pos.: 26 Date: 02/19/92

Replicate 1 Time: 09:26
Peak Area (A-s): 0.218 Peak Height (A): 0.483
Background Pk Area (A-s): 0.339 Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.208
Concentration (ug/L): 49.8

Replicate 2 Time: 09:29
Peak Area (A-s): 0.214 Peak Height (A): 0.469
Background Pk Area (A-s): 0.328 Background Pk Height (A): 0.152
Blank Corrected Pk Area (A-s): 0.205
Concentration (ug/L): 49.0

Mean Conc (ug/L): 49.4 SD: 0.61 RSD(%): 1.23

~~~~~~

Pb ID: LCSW A Seq. No.: 00021 A/S Pos.: 26 Date: 02/19/92

Replicate 1 Time: 09:33
Peak Area (A-s): 0.291 Peak Height (A): 0.628
Background Pk Area (A-s): 0.317 Background Pk Height (A): 0.147
Blank Corrected Pk Area (A-s): 0.282
Concentration (ug/L): 68.4

Replicate 2 Time: 09:36
Peak Area (A-s): 0.301 Peak Height (A): 0.623
Background Pk Area (A-s): 0.312 Background Pk Height (A): 0.146
Blank Corrected Pk Area (A-s): 0.292
Concentration (ug/L): 71.1

Mean Conc (ug/L): 69.8 SD: 1.85 RSD(%): 2.65

Recovery is 101.7%

~~~~~~

Pb ID: MBBE97 Seq. No.: 00022 A/S Pos.: 27 Date: 02/19/92

Replicate 1 Time: 09:39
Peak Area (A-s): 0.011 Peak Height (A): 0.034
Background Pk Area (A-s): 0.348 Background Pk Height (A): 0.173
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.4

Replicate 2 Time: 09:42
Peak Area (A-s): 0.013 Peak Height (A): 0.028
Background Pk Area (A-s): 0.342 Background Pk Height (A): 0.170
Blank Corrected Pk Area (A-s): 0.004
~~~~~~

Concentration (ug/L): 0.8

Mean Conc (ug/L): 0.6 SD: 0.30 RSD(%): 46.55

~~~~~~

Pb ID: MBBE97 Seq. No.: 00023 A/S Pos.: 27 Date: 02/19/92

Replicate 1 Time: 09:45
Peak Area (A-s): 0.101 Peak Height (A): 0.243
Background Pk Area (A-s): 0.312 Background Pk Height (A): 0.153
Blank Corrected Pk Area (A-s): 0.092
Concentration (ug/L): 21.5

Replicate 2 Time: 09:49
Peak Area (A-s): 0.101 Peak Height (A): 0.246
Background Pk Area (A-s): 0.319 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.092
Concentration (ug/L): 21.5

Mean Conc (ug/L): 21.5 SD: 0.00 RSD(%): 0.01

Recovery is 104.4%

~~~~~~

Pb ID: MBBE98 Seq. No.: 00024 A/S Pos.: 28 Date: 02/19/92

Replicate 1 Time: 09:52
Peak Area (A-s): 0.015 Peak Height (A): 0.035
Background Pk Area (A-s): 0.341 Background Pk Height (A): 0.166
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.3

Replicate 2 Time: 09:55
Peak Area (A-s): 0.011 Peak Height (A): 0.034
Background Pk Area (A-s): 0.340 Background Pk Height (A): 0.165
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.5

Mean Conc (ug/L): 0.9 SD: 0.58 RSD(%): 67.17

~~~~~~

Pb ID: MBBE98 Seq. No.: 00025 A/S Pos.: 28 Date: 02/19/92

Replicate 1 Time: 09:58
Peak Area (A-s): 0.104 Peak Height (A): 0.255
Background Pk Area (A-s): 0.319 Background Pk Height (A): 0.155
Blank Corrected Pk Area (A-s): 0.094
Concentration (ug/L): 22.1

Replicate 2 Time: 10:02
Peak Area (A-s): 0.104 Peak Height (A): 0.252
Background Pk Area (A-s): 0.320 Background Pk Height (A): 0.154
Blank Corrected Pk Area (A-s): 0.095
Concentration (ug/L): 22.3

Mean Conc (ug/L): 22.2 SD: 0.15 RSD(%): 0.65

Recovery is 106.9%
~~~~~~

Pb ID: MBBE99 Seq. No.: 00026 A/S Pos.: 29 Date: 02/19/92

Replicate 1 Time: 10:05
Peak Area (A-s): 0.010 Peak Height (A): 0.031
Background Pk Area (A-s): 0.347 Background Pk Height (A): 0.171
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Replicate 2 Time: 10:08
Peak Area (A-s): 0.011 Peak Height (A): 0.033
Background Pk Area (A-s): 0.344 Background Pk Height (A): 0.173
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.3

Mean Conc (ug/L): 0.3 SD: 0.12 RSD(%): 44.65

Pb ID: MBBE99A Seq. No.: 00027 A/S Pos.: 29 Date: 02/19/92

Replicate 1 Time: 10:11
Peak Area (A-s): 0.102 Peak Height (A): 0.230
Background Pk Area (A-s): 0.330 Background Pk Height (A): 0.165
Blank Corrected Pk Area (A-s): 0.093
Concentration (ug/L): 21.8

Replicate 2 Time: 10:14
Peak Area (A-s): 0.099 Peak Height (A): 0.242
Background Pk Area (A-s): 0.323 Background Pk Height (A): 0.159
Blank Corrected Pk Area (A-s): 0.090
Concentration (ug/L): 21.1

Mean Conc (ug/L): 21.4 SD: 0.55 RSD(%): 2.56

Recovery is 105.9%

Pb ID: MBBE99D Seq. No.: 00028 A/S Pos.: 30 Date: 02/19/92

Replicate 1 Time: 10:18
Peak Area (A-s): 0.010 Peak Height (A): 0.036
Background Pk Area (A-s): 0.347 Background Pk Height (A): 0.172
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.1

Replicate 2 Time: 10:21
Peak Area (A-s): 0.013 Peak Height (A): 0.027
Background Pk Area (A-s): 0.349 Background Pk Height (A): 0.172
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 0.9

Mean Conc (ug/L): 0.5 SD: 0.58 RSD(%): 111.50

Pb ID: MBBE99DA Seq. No.: 00029 A/S Pos.: 30 Date: 02/19/92

Replicate 1 Time: 10:24
Peak Area (A-s): 0.095 Peak Height (A): 0.243
Background Pk Area (A-s): 0.325 Background Pk Height (A): 0.164

Blank Corrected Pk Area (A-s): 0.086
Concentration (ug/L): 20.1

Replicate 2 Time: 10:27
Peak Area (A-s): 0.104 Peak Height (A): 0.244
Background Pk Area (A-s): 0.320 Background Pk Height (A): 0.162
Blank Corrected Pk Area (A-s): 0.094
Concentration (ug/L): 22.1

Mean Conc (ug/L): 21.1 SD: 1.45 RSD(%): 6.85

Recovery is 103.0%

~~~~~~

Pb ID: ~~ICV~~/CCV Seq. No.: 00030 A/S Pos.: 36 Date: 02/19/92

Replicate 1 Time: 10:30
Peak Area (A-s): 0.223 Peak Height (A): 0.472
Background Pk Area (A-s): 0.340 Background Pk Height (A): 0.158
Blank Corrected Pk Area (A-s): 0.213
Concentration (ug/L): 51.1

Replicate 2 Time: 10:33
Peak Area (A-s): 0.225 Peak Height (A): 0.466
Background Pk Area (A-s): 0.341 Background Pk Height (A): 0.157
Blank Corrected Pk Area (A-s): 0.215
Concentration (ug/L): 51.6

Mean Conc (ug/L): 51.3 SD: 0.37 RSD(%): 0.71

Check sample is within range 43.875 - 53.625

~~~~~~

Pb ID: ~~ICB~~/CCB Seq. No.: 00031 A/S Pos.: 40 Date: 02/19/92

Replicate 1 Time: 10:37
Peak Area (A-s): 0.003 Peak Height (A): 0.020
Background Pk Area (A-s): 0.303 Background Pk Height (A): 0.164
Blank Corrected Pk Area (A-s): -0.007
Concentration (ug/L): -1.5

Replicate 2 Time: 10:40
Peak Area (A-s): -0.001 Peak Height (A): 0.019
Background Pk Area (A-s): 0.311 Background Pk Height (A): 0.159
Blank Corrected Pk Area (A-s): -0.011
Concentration (ug/L): -2.5

Mean Conc (ug/L): -2.0 SD: 0.68 RSD(%): 33.46

Check sample is out of range -2.0 - 2.0

Element File: SE_CLP.GEL Element: Se Wavelength: 196.0
Date: 02/21/92 Time: 08:40 Slit: 2.0
Data File: 2A17SE.DAT ID/Wt File: 2A17.IDW Lamp Current: 0
Technique: HGA Calib. Type: Nonlinear Energy: 55
Remark 1: All Standards made 02/21/92 at 6:00am from stock solutions
Remark 2: dated 01/17/92.
Remark 3: The stock solution were prepared from SPEX Plasma Standards.
Remark 4: All concentrations were calculated based on peak areas.
Remark 5: Analyst: Dag Seymour Dag T. Seymour

Se ID: Blank S0 Seq. No.: 00001 A/S Pos.: 40 Date: 02/21/92

Replicate 1 Time: 08:40
Peak Area (A-s): -0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.040 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): -0.001

Replicate 2 Time: 08:43
Peak Area (A-s): 0.000 Peak Height (A): 0.013
Background Pk Area (A-s): 0.039 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.000

Mean Pk Area (A-s): -0.001 SD: 0.0010 RSD(%): 156.39

Auto-zero performed.

Se ID: Standard 1 S5 Seq. No.: 00002 A/S Pos.: 0 Date: 02/21/92

Replicate 1 Time: 08:46
Peak Area (A-s): 0.015 Peak Height (A): 0.039
Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.016

Replicate 2 Time: 08:49
Peak Area (A-s): 0.015 Peak Height (A): 0.035
Background Pk Area (A-s): 0.040 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.015

Mean Pk Area (A-s): 0.015 SD: 0.0000 RSD(%): 0.23

Standard number 1 applied. [5.0]
Correlation coefficient: 1.00000 Slope: 0.0031

Se ID: Standard 2 S25 Seq. No.: 00003 A/S Pos.: 37 Date: 02/21/92

Replicate 1 Time: 08:52
Peak Area (A-s): 0.090 Peak Height (A): 0.145
Background Pk Area (A-s): 0.047 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.090
Concentration (ug/L): 29.2

Replicate 2 Time: 08:55
Peak Area (A-s): 0.088 Peak Height (A): 0.150
Background Pk Area (A-s): 0.050 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.088

Concentration (ug/L): 28.5

Mean Conc (ug/L): 28.8 SD: 0.49 RSD(%): 1.69

Standard number 2 applied. [25.0]
Correlation coefficient: 1.00000 Slope: 0.0030

~~~~~~

Se ID: Standard 3 S50 Seq. No.: 00004 A/S Pos.: 38 Date: 02/21/92

Replicate 1 Time: 08:58
Peak Area (A-s): 0.175 Peak Height (A): 0.282
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.176
Concentration (ug/L): 42.6

Replicate 2 Time: 09:01
Peak Area (A-s): 0.177 Peak Height (A): 0.278
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): 0.178
Concentration (ug/L): 42.9

Mean Conc (ug/L): 42.8 SD: 0.23 RSD(%): 0.54

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 3 applied. [50.0]
Correlation coefficient: 0.99857 Slope: 0.0032

~~~~~~

Se ID: Standard 4 S100 Seq. No.: 00005 A/S Pos.: 39 Date: 02/21/92

Replicate 1 Time: 09:04
Peak Area (A-s): 0.340 Peak Height (A): 0.539
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.103
Blank Corrected Pk Area (A-s): 0.341
Concentration (ug/L): 84.6

Replicate 2 Time: 09:07
Peak Area (A-s): 0.344 Peak Height (A): 0.549
Background Pk Area (A-s): 0.088 Background Pk Height (A): 0.107
Blank Corrected Pk Area (A-s): 0.344
Concentration (ug/L): 85.2

Mean Conc (ug/L): 84.9 SD: 0.42 RSD(%): 0.50

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 4 applied. [100.0]
Correlation coefficient: 0.99881 Slope: 0.0033

~~~~~~

Se ID: ICV/~~CCV~~ Seq. No.: 00006 A/S Pos.: 36 Date: 02/21/92

Replicate 1 Time: 09:11
Peak Area (A-s): 0.183 Peak Height (A): 0.288
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.183
Concentration (ug/L): 51.8

Replicate 2 Time: 09:14
~~~~~~

Peak Area (A-s): 0.178 Peak Height (A): 0.282
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.179
Concentration (ug/L): 50.6

Mean Conc (ug/L): 51.2 SD: 0.87 RSD(%): 1.70

Check sample is within range 47.34 - 57.86

~~~~~~

Se ID: ICB/~~CCB~~ Seq. No.: 00007 A/S Pos.: 40 Date: 02/21/92

Replicate 1 Time: 09:17
Peak Area (A-s): 0.002 Peak Height (A): 0.014
Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.8

Replicate 2 Time: 09:20
Peak Area (A-s): 0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.030 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.5

Mean Conc (ug/L): 0.7 SD: 0.22 RSD(%): 32.37

Check sample is within range -2.5 - 2.5

~~~~~~

Se ID: CRA Seq. No.: 00008 A/S Pos.: 0 Date: 02/21/92

Replicate 1 Time: 09:23
Peak Area (A-s): 0.017 Peak Height (A): 0.034
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.018
Concentration (ug/L): 5.0

Replicate 2 Time: 09:26
Peak Area (A-s): 0.018 Peak Height (A): 0.035
Background Pk Area (A-s): 0.035 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.018
Concentration (ug/L): 5.1

Mean Conc (ug/L): 5.0 SD: 0.06 RSD(%): 1.28

~~~~~~

Se ID: PBS Seq. No.: 00009 A/S Pos.: 1 Date: 02/21/92

Replicate 1 Time: 09:29
Peak Area (A-s): 0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.034 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.6

Replicate 2 Time: 09:32
Peak Area (A-s): -0.001 Peak Height (A): 0.015
Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.2
~~~~~~

Mean Conc (ug/L): 0.2 SD: 0.51 RSD(%): 264.66

~~~~~~

Se ID: PBSA Seq. No.: 00010 A/S Pos.: 1 Date: 02/21/92

Replicate 1 Time: 09:35
Peak Area (A-s): 0.039 Peak Height (A): 0.065
Background Pk Area (A-s): 0.034 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.040
Concentration (ug/L): 11.1

Replicate 2 Time: 09:38
Peak Area (A-s): 0.035 Peak Height (A): 0.069
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 10.1

Mean Conc (ug/L): 10.6 SD: 0.70 RSD(%): 6.65

Recovery is 103.2%

~~~~~~

Se ID: LCSS 1/10 DIL Seq. No.: 00011 A/S Pos.: 2 Date: 02/21/92

Replicate 1 Time: 09:41
Peak Area (A-s): 0.074 Peak Height (A): 0.093
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.074
Concentration (ug/L): 20.8

Replicate 2 Time: 09:44
Peak Area (A-s): 0.074 Peak Height (A): 0.095
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.075
Concentration (ug/L): 20.8

Mean Conc (ug/L): 20.8 SD: 0.04 RSD(%): 0.20

~~~~~~

Se ID: LCSS 1/10 DILA Seq. No.: 00012 A/S Pos.: 2 Date: 02/21/92

Replicate 1 Time: 09:47
Peak Area (A-s): 0.106 Peak Height (A): 0.143
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.107
Concentration (ug/L): 29.9

Replicate 2 Time: 09:50
Peak Area (A-s): 0.103 Peak Height (A): 0.142
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.104
Concentration (ug/L): 29.1

Mean Conc (ug/L): 29.5 SD: 0.56 RSD(%): 1.91

Recovery is 86.4%

~~~~~~

Se ID: MFQ311 Seq. No.: 00013 A/S Pos.: 3 Date: 02/21/92

Replicate 1 | Time: 09:53
Peak Area (A-s): 0.010 | Peak Height (A): 0.028
Background Pk Area (A-s): 0.089 | Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L): 3.0

Replicate 2 | Time: 09:56
Peak Area (A-s): 0.008 | Peak Height (A): 0.022
Background Pk Area (A-s): 0.092 | Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.008
Concentration (ug/L): 2.4

Mean Conc (ug/L): 2.7 SD: 0.48 RSD(%): 17.74

~~~~~~

Se ID: MFQ311A Seq. No.: 00014 A/S Pos.: 3 Date: 02/21/92

Replicate 1 | Time: 09:59
Peak Area (A-s): 0.035 | Peak Height (A): 0.074
Background Pk Area (A-s): 0.097 | Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 9.9

Replicate 2 | Time: 10:02
Peak Area (A-s): 0.032 | Peak Height (A): 0.079
Background Pk Area (A-s): 0.100 | Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.032
Concentration (ug/L): 9.0

Mean Conc (ug/L): 9.5 SD: 0.63 RSD(%): 6.71

Recovery is 67.3%

~~~~~~

Se ID: MFQ312 Seq. No.: 00015 A/S Pos.: 4 Date: 02/21/92

Replicate 1 | Time: 10:05
Peak Area (A-s): -0.002 | Peak Height (A): 0.012
Background Pk Area (A-s): 0.056 | Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.4

Replicate 2 | Time: 10:08
Peak Area (A-s): 0.004 | Peak Height (A): 0.015
Background Pk Area (A-s): 0.046 | Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.4

Mean Conc (ug/L): 0.5 SD: 1.22 RSD(%): 241.98

~~~~~~

Se ID: MFQ312A Seq. No.: 00016 A/S Pos.: 4 Date: 02/21/92

Replicate 1 | Time: 10:11
Peak Area (A-s): 0.038 | Peak Height (A): 0.067
Background Pk Area (A-s): 0.050 | Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 10.7
~~~~~~

Replicate 2 Time: 10:15
Peak Area (A-s): 0.039 Peak Height (A): 0.067
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.040
Concentration (ug/L): 11.2

Mean Conc (ug/L): 11.0 SD: 0.33 RSD(%): 2.98

Recovery is 104.1%

~~~~~~

Se ID: ICV/CCV Seq. No.: 00017 A/S Pos.: 36 Date: 02/21/92

Replicate 1 Time: 10:18
Peak Area (A-s): 0.171 Peak Height (A): 0.264
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.171
Concentration (ug/L): 48.4

Replicate 2 Time: 10:20
Peak Area (A-s): 0.172 Peak Height (A): 0.277
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.059
Blank Corrected Pk Area (A-s): 0.173
Concentration (ug/L): 48.9

Mean Conc (ug/L): 48.7 SD: 0.31 RSD(%): 0.63

Check sample is within range 47.34 - 57.86

~~~~~~

Se ID: ICB/CCB Seq. No.: 00018 A/S Pos.: 40 Date: 02/21/92

Replicate 1 Time: 10:23
Peak Area (A-s): 0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.5

Replicate 2 Time: 10:26
Peak Area (A-s): 0.001 Peak Height (A): 0.011
Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.4

Mean Conc (ug/L): 0.4 SD: 0.10 RSD(%): 22.59

Check sample is within range -2.5 - 2.5

~~~~~~

Se ID: MFQ313 Seq. No.: 00019 A/S Pos.: 5 Date: 02/21/92

Replicate 1 Time: 10:29
Peak Area (A-s): 0.002 Peak Height (A): 0.014
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.8

Replicate 2 Time: 10:32
Peak Area (A-s): -0.003 Peak Height (A): 0.010
~~~~~~

Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.6

Mean Conc (ug/L): 0.1 SD: 0.96 RSD(%): 1222.40

~~~~~~

Se ID: MFQ313A Seq. No.: 00020 A/S Pos.: 5 Date: 02/21/92

Replicate 1 Time: 10:36
Peak Area (A-s): 0.037 Peak Height (A): 0.080
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.037
Concentration (ug/L): 10.4

Replicate 2 Time: 10:39
Peak Area (A-s): 0.034 Peak Height (A): 0.078
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.035
Concentration (ug/L): 9.7

Mean Conc (ug/L): 10.1 SD: 0.50 RSD(%): 4.94

Recovery is 99.6%

~~~~~~

Se ID: MFQ314 Seq. No.: 00021 A/S Pos.: 6 Date: 02/21/92

Replicate 1 Time: 10:42
Peak Area (A-s): 0.000 Peak Height (A): 0.014
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.3

Replicate 2 Time: 10:45
Peak Area (A-s): 0.000 Peak Height (A): 0.011
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Mean Conc (ug/L): 0.2 SD: 0.04 RSD(%): 18.62

~~~~~~

Se ID: MFQ314A Seq. No.: 00022 A/S Pos.: 6 Date: 02/21/92

Replicate 1 Time: 10:48
Peak Area (A-s): 0.034 Peak Height (A): 0.069
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.035
Concentration (ug/L): 9.8

Replicate 2 Time: 10:51
Peak Area (A-s): 0.034 Peak Height (A): 0.071
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.035
Concentration (ug/L): 9.6

Mean Conc (ug/L): 9.7 SD: 0.09 RSD(%): 0.91
~~~~~~

Recovery is 94.3%

~~~~~~

Se ID: MFQ324 Seq. No.: 00023 A/S Pos.: 7 Date: 02/21/92

Replicate 1 Time: 10:57
Peak Area (A-s): -0.000 Peak Height (A): 0.011
Background Pk Area (A-s): 0.106 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.1

Replicate 2 Time: 11:00
Peak Area (A-s): -0.000 Peak Height (A): 0.012
Background Pk Area (A-s): 0.106 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.1

Mean Conc (ug/L): 0.1 SD: 0.02 RSD(%): 25.46

~~~~~~

Se ID: MFQ324A Seq. No.: 00024 A/S Pos.: 7 Date: 02/21/92

Replicate 1 Time: 11:03
Peak Area (A-s): 0.033 Peak Height (A): 0.058
Background Pk Area (A-s): 0.105 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 9.3

Replicate 2 Time: 11:07
Peak Area (A-s): 0.031 Peak Height (A): 0.055
Background Pk Area (A-s): 0.117 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.032
Concentration (ug/L): 8.9

Mean Conc (ug/L): 9.1 SD: 0.28 RSD(%): 3.10

Recovery is 89.8%

~~~~~~

Se ID: MFQ326 Seq. No.: 00025 A/S Pos.: 8 Date: 02/21/92

Replicate 1 Time: 11:10
Peak Area (A-s): 0.003 Peak Height (A): 0.013
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.073
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.9

Replicate 2 Time: 11:13
Peak Area (A-s): -0.000 Peak Height (A): 0.010
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.1

Mean Conc (ug/L): 0.5 SD: 0.61 RSD(%): 121.50

~~~~~~

Se ID: MFQ326A Seq. No.: 00026 A/S Pos.: 8 Date: 02/21/92

Replicate 1 Time: 11:16

Peak Area (A-s): 0.031 Peak Height (A): 0.078
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.060 253
Blank Corrected Pk Area (A-s): 0.032
Concentration (ug/L): 8.9

Replicate 2 Time: 11:19
Peak Area (A-s): 0.031 Peak Height (A): 0.072
Background Pk Area (A-s): 0.081 Background Pk Height (A): 0.060
Blank Corrected Pk Area (A-s): 0.032
Concentration (ug/L): 8.8

Mean Conc (ug/L): 8.9 SD: 0.08 RSD(%): 0.93

Recovery is 83.5%

~~~~~~

Se ID: MFQ327 Seq. No.: 00027 A/S Pos.: 9 Date: 02/21/92

Replicate 1 Time: 11:22
Peak Area (A-s): -0.003 Peak Height (A): 0.011
Background Pk Area (A-s): 0.111 Background Pk Height (A): 0.096
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.5

Replicate 2 Time: 11:25
Peak Area (A-s): 0.004 Peak Height (A): 0.013
Background Pk Area (A-s): 0.107 Background Pk Height (A): 0.103
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.3

Mean Conc (ug/L): 0.4 SD: 1.29 RSD(%): 343.24

~~~~~~

Se ID: MFQ327A Seq. No.: 00028 A/S Pos.: 9 Date: 02/21/92

Replicate 1 Time: 11:28
Peak Area (A-s): 0.025 Peak Height (A): 0.063
Background Pk Area (A-s): 0.117 Background Pk Height (A): 0.081
Blank Corrected Pk Area (A-s): 0.026
Concentration (ug/L): 7.2

Replicate 2 Time: 11:31
Peak Area (A-s): 0.027 Peak Height (A): 0.058
Background Pk Area (A-s): 0.119 Background Pk Height (A): 0.081
Blank Corrected Pk Area (A-s): 0.027
Concentration (ug/L): 7.6

Mean Conc (ug/L): 7.4 SD: 0.23 RSD(%): 3.09

Recovery is 70.0%

~~~~~~

Se ID: ~~ICV~~/CCV Seq. No.: 00029 A/S Pos.: 36 Date: 02/21/92

Replicate 1 Time: 11:34
Peak Area (A-s): 0.169 Peak Height (A): 0.270
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): 0.170
Concentration (ug/L): 47.9
~~~~~~

Replicate 2 Time: 11:37
Peak Area (A-s): 0.172 Peak Height (A): 0.277
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.172
Concentration (ug/L): 48.7

Mean Conc (ug/L): 48.3 SD: 0.50 RSD(%): 1.04

Check sample is within range 47.34 - 57.86

~~~~~~

Se ID: ~~ICB~~/CCB Seq. No.: 00030 A/S Pos.: 40 Date: 02/21/92

Replicate 1 Time: 11:40
Peak Area (A-s): -0.003 Peak Height (A): 0.014
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.6

Replicate 2 Time: 11:43
Peak Area (A-s): -0.003 Peak Height (A): 0.012
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.6

Mean Conc (ug/L): -0.6 SD: 0.05 RSD(%): 8.82

Check sample is within range -2.5 - 2.5

~~~~~~

Se ID: MFQ328 Seq. No.: 00031 A/S Pos.: 10 Date: 02/21/92

Replicate 1 Time: 11:46
Peak Area (A-s): 0.000 Peak Height (A): 0.010
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Replicate 2 Time: 11:49
Peak Area (A-s): -0.002 Peak Height (A): 0.013
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.3

Mean Conc (ug/L): -0.0 SD: 0.37 RSD(%): 1015.50

~~~~~~

Se ID: MFQ328A Seq. No.: 00032 A/S Pos.: 10 Date: 02/21/92

Replicate 1 Time: 11:52
Peak Area (A-s): 0.033 Peak Height (A): 0.075
Background Pk Area (A-s): 0.081 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 9.3

Replicate 2 Time: 11:56
Peak Area (A-s): 0.038 Peak Height (A): 0.075
Background Pk Area (A-s): 0.077 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.038
~~~~~~

Concentration (ug/L): 10.7

Mean Conc (ug/L): 10.0 SD: 1.00 RSD(%): 9.95

Recovery is 100.0%

~~~~~~

Se ID: MFQ329 Seq. No.: 00033 A/S Pos.: 11 Date: 02/21/92

Replicate 1 Time: 11:59
Peak Area (A-s): 0.002 Peak Height (A): 0.014
Background Pk Area (A-s): 0.106 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.7

Replicate 2 Time: 12:02
Peak Area (A-s): 0.000 Peak Height (A): 0.018
Background Pk Area (A-s): 0.107 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Mean Conc (ug/L): 0.5 SD: 0.35 RSD(%): 76.46

~~~~~~

Se ID: MFQ329A Seq. No.: 00034 A/S Pos.: 11 Date: 02/21/92

Replicate 1 Time: 12:05
Peak Area (A-s): 0.038 Peak Height (A): 0.067
Background Pk Area (A-s): 0.105 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 10.7

Replicate 2 Time: 12:08
Peak Area (A-s): 0.033 Peak Height (A): 0.070
Background Pk Area (A-s): 0.106 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.034
Concentration (ug/L): 9.5

Mean Conc (ug/L): 10.1 SD: 0.84 RSD(%): 8.37

Recovery is 95.6%

~~~~~~

Se ID: MFQ330 Seq. No.: 00035 A/S Pos.: 12 Date: 02/21/92

Replicate 1 Time: 12:11
Peak Area (A-s): -0.001 Peak Height (A): 0.013
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.0

Replicate 2 Time: 12:14
Peak Area (A-s): -0.002 Peak Height (A): 0.011
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.5

Mean Conc (ug/L): -0.2 SD: 0.33 RSD(%): 144.93
~~~~~~

Se ID: MFQ330 Seq. No.: 00036 A/S Pos.: 12 Date: 02/21/92

Replicate 1 Time: 12:17
Peak Area (A-s): 0.038 Peak Height (A): 0.078
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.051
Blank Corrected Pk Area (A-s): 0.039
Concentration (ug/L): 10.8

Replicate 2 Time: 12:20
Peak Area (A-s): 0.036 Peak Height (A): 0.084
Background Pk Area (A-s): 0.081 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 10.1

Mean Conc (ug/L): 10.5 SD: 0.46 RSD(%): 4.36

Recovery is 106.5%

Se ID: MFQ331 Seq. No.: 00037 A/S Pos.: 13 Date: 02/21/92

Replicate 1 Time: 12:23
Peak Area (A-s): 0.001 Peak Height (A): 0.011
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.4

Replicate 2 Time: 12:26
Peak Area (A-s): 0.003 Peak Height (A): 0.010
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 1.1

Mean Conc (ug/L): 0.7 SD: 0.46 RSD(%): 61.96

Se ID: MFQ331 Seq. No.: 00038 A/S Pos.: 13 Date: 02/21/92

Replicate 1 Time: 12:29
Peak Area (A-s): 0.032 Peak Height (A): 0.079
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.032
Concentration (ug/L): 9.0

Replicate 2 Time: 12:32
Peak Area (A-s): 0.035 Peak Height (A): 0.076
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.035
Concentration (ug/L): 9.8

Mean Conc (ug/L): 9.4 SD: 0.56 RSD(%): 5.93

Recovery is 86.4%

Se ID: MFQ332 Seq. No.: 00039 A/S Pos.: 14 Date: 02/21/92

Replicate 1 Time: 12:35

Peak Area (A-s): 0.001 Peak Height (A): 0.015
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.5

Replicate 2 Time: 12:38
Peak Area (A-s): -0.002 Peak Height (A): 0.012
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.4

Mean Conc (ug/L): 0.0 SD: 0.67 RSD(%): 1796.78

~~~~~~

Se ID: MFQ332N Seq. No.: 00040 A/S Pos.: 14 Date: 02/21/92

Replicate 1 Time: 12:42
Peak Area (A-s): 0.036 Peak Height (A): 0.076
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 10.2

Replicate 2 Time: 12:45
Peak Area (A-s): 0.036 Peak Height (A): 0.077
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.037
Concentration (ug/L): 10.3

Mean Conc (ug/L): 10.2 SD: 0.09 RSD(%): 0.89

Recovery is 101.5%

~~~~~~

Se ID: ~~ICV~~/CCV Seq. No.: 00041 A/S Pos.: 36 Date: 02/21/92

Replicate 1 Time: 12:48
Peak Area (A-s): 0.167 Peak Height (A): 0.273
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.060
Blank Corrected Pk Area (A-s): 0.167
Concentration (ug/L): 47.3

Replicate 2 Time: 12:51
Peak Area (A-s): 0.167 Peak Height (A): 0.280
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): 0.168
Concentration (ug/L): 47.4

Mean Conc (ug/L): 47.4 SD: 0.12 RSD(%): 0.26

Check sample is within range 47.34 - 57.86

~~~~~~

Se ID: ~~ICB~~/CCB Seq. No.: 00042 A/S Pos.: 40 Date: 02/21/92

Replicate 1 Time: 12:54
Peak Area (A-s): 0.005 Peak Height (A): 0.011
Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.5
~~~~~~

Replicate 2 Time: 12:57
Peak Area (A-s): 0.001 Peak Height (A): 0.011
Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.4

Mean Conc (ug/L): 1.0 SD: 0.80 RSD(%): 83.48

Check sample is within range -2.5 - 2.5

End of Run

~~~~~~

Se ID: MFQ333 Seq. No.: 00043 A/S Pos.: 15 Date: 02/21/92

Replicate 1 Time: 12:59
Peak Area (A-s): 0.004 Peak Height (A): 0.014
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.3

Replicate 2 Time: 13:02
Peak Area (A-s): -0.000 Peak Height (A): 0.014
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.1

Mean Conc (ug/L): 0.7 SD: 0.83 RSD(%): 118.85

~~~~~~

Se ID: MFQ333 Seq. No.: 00044 A/S Pos.: 15 Date: 02/21/92

Replicate 1 Time: 13:06
Peak Area (A-s): 0.029 Peak Height (A): 0.074
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.030
Concentration (ug/L): 8.3

Replicate 2 Time: 13:09
Peak Area (A-s): 0.033 Peak Height (A): 0.078
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 9.3

Mean Conc (ug/L): 8.8 SD: 0.70 RSD(%): 7.90

Recovery is 80.8%

~~~~~~

Se ID: MFQ334 Seq. No.: 00045 A/S Pos.: 16 Date: 02/21/92

Replicate 1 Time: 13:12
Peak Area (A-s): -0.000 Peak Height (A): 0.012
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Replicate 2 Time: 13:15
Peak Area (A-s): -0.001 Peak Height (A): 0.011
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): -0.001

DCS
2-21-92
~~~~~~

Element File: SE_CLP.GEL Element: Se Wavelength: 196.0
Date: 02/24/92 Time: 13:36 Slit: 2.0
Data File: 2A17SE1.DAT ID/Wt File: RERUNS.IDW Lamp Current: 0
Technique: HGA Calib. Type: Nonlinear Energy: 53
Remark 1: All Standards made 02/24/92 at 6:00am from stock solutions
Remark 2: dated 01/17/92.
Remark 3: The stock solution were prepared from SPEX Plasma Standards.
Remark 4: All concentrations were calculated based on peak areas.
Remark 5: Analyst: Dag Seymour

Se ID: Blank SO Seq. No.: 00001 A/S Pos.: 40 Date: 02/24/92

Replicate 1 Time: 13:35
Peak Area (A-s): -0.002 Peak Height (A): 0.011
Background Pk Area (A-s): 0.016 Background Pk Height (A): 0.017
Blank Corrected Pk Area (A-s): -0.002

Replicate 2 Time: 13:38
Peak Area (A-s): -0.004 Peak Height (A): 0.010
Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.017
Blank Corrected Pk Area (A-s): -0.004

Mean Pk Area (A-s): -0.003 SD: 0.0020 RSD(%): 67.52

Auto-zero performed.

Se ID: Standard 1 S5 Seq. No.: 00002 A/S Pos.: 0 Date: 02/24/92

Replicate 1 Time: 13:41
Peak Area (A-s): 0.013 Peak Height (A): 0.027
Background Pk Area (A-s): 0.025 Background Pk Height (A): 0.018
Blank Corrected Pk Area (A-s): 0.016

Replicate 2 Time: 13:44
Peak Area (A-s): 0.014 Peak Height (A): 0.027
Background Pk Area (A-s): 0.030 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.017

Mean Pk Area (A-s): 0.016 SD: 0.0008 RSD(%): 4.67

Standard number 1 applied. [5.0]
Correlation coefficient: 1.00000 Slope: 0.0032

Se ID: Standard 2 S25 Seq. No.: 00003 A/S Pos.: 37 Date: 02/24/92

Replicate 1 Time: 13:47
Peak Area (A-s): 0.074 Peak Height (A): 0.110
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.077
Concentration (ug/L): 23.9

Replicate 2 Time: 13:50
Peak Area (A-s): 0.074 Peak Height (A): 0.109
Background Pk Area (A-s): 0.035 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.077

Concentration (ug/L): 24.0

Mean Conc (ug/L): 23.9   SD: 0.04   RSD(%): 0.16

Standard number 2 applied. [25.0]
Correlation coefficient: 1.00000   Slope: 0.0033

~~~~~~

Se   ID: Standard 3 S50   Seq. No.: 00004   A/S Pos.: 38   Date: 02/24/92

Replicate 1   Time: 13:53
Peak Area (A-s): 0.146   Peak Height (A): 0.200
Background Pk Area (A-s): 0.046   Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.149
Concentration (ug/L): 50.7

Replicate 2   Time: 13:56
Peak Area (A-s): 0.153   Peak Height (A): 0.217
Background Pk Area (A-s): 0.049   Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.156
Concentration (ug/L): 53.3

Mean Conc (ug/L): 52.0   SD: 1.86   RSD(%): 3.57

Standard number 3 applied. [50.0]
Correlation coefficient: 1.00000   Slope: 0.0033

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Se   ID: Standard 4 S100   Seq. No.: 00005   A/S Pos.: 39   Date: 02/24/92

Replicate 1   Time: 14:00
Peak Area (A-s): 0.300   Peak Height (A): 0.396
Background Pk Area (A-s): 0.069   Background Pk Height (A): 0.077
Blank Corrected Pk Area (A-s): 0.303
Concentration (ug/L): 100.8

Replicate 2   Time: 14:03
Peak Area (A-s): 0.303   Peak Height (A): 0.405
Background Pk Area (A-s): 0.068   Background Pk Height (A): 0.075
Blank Corrected Pk Area (A-s): 0.306
Concentration (ug/L): 101.6

Mean Conc (ug/L): 101.2   SD: 0.62   RSD(%): 0.61

S-shaped calibration curve detected. 2-coef. equation used.
Standard number 4 applied. [100.0]
Correlation coefficient: 0.99979   Slope: 0.0032

~~~~~~

Se   ID: ICV/~~CCV~~   Seq. No.: 00006   A/S Pos.: 36   Date: 02/24/92

Replicate 1   Time: 14:07
Peak Area (A-s): 0.162   Peak Height (A): 0.219
Background Pk Area (A-s): 0.047   Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.165
Concentration (ug/L): 53.8

Replicate 2   Time: 14:10
Peak Area (A-s): 0.157   Peak Height (A): 0.218
~~~~~~

Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.160
Concentration (ug/L): 52.2

Mean Conc (ug/L): 53.0 SD: 1.13 RSD(%): 2.13

Check sample is within range 47.34 - 57.86

~~~~~~

Se ID: ICB/~~CCB~~ Seq. No.: 00007 A/S Pos.: 40 Date: 02/24/92

Replicate 1 Time: 14:13
Peak Area (A-s): -0.002 Peak Height (A): 0.011
Background Pk Area (A-s): 0.025 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.3

Replicate 2 Time: 14:16
Peak Area (A-s): 0.002 Peak Height (A): 0.014
Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.7

Mean Conc (ug/L): 1.0 SD: 0.95 RSD(%): 97.36

Check sample is within range -2.5 - 2.5

~~~~~~

Se ID: CRA Seq. No.: 00008 A/S Pos.: 0 Date: 02/24/92

Replicate 1 Time: 14:19
Peak Area (A-s): 0.015 Peak Height (A): 0.030
Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.018
Concentration (ug/L): 5.8

Replicate 2 Time: 14:22
Peak Area (A-s): 0.016 Peak Height (A): 0.028
Background Pk Area (A-s): 0.029 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.019
Concentration (ug/L): 6.2

Mean Conc (ug/L): 6.0 SD: 0.29 RSD(%): 4.84

~~~~~~

Se ID: MFQ333 Seq. No.: 00009 A/S Pos.: 1 Date: 02/24/92

Replicate 1 Time: 14:25
Peak Area (A-s): -0.001 Peak Height (A): 0.013
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.7

Replicate 2 Time: 14:27
Peak Area (A-s): -0.003 Peak Height (A): 0.013
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L): -0.0
~~~~~~

Mean Conc (ug/L): 0.4 SD: 0.51 RSD(%): 145.31

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Se ID: MFQ333A Seq. No.: 00010 A/S Pos.: 1 Date: 02/24/92

Replicate 1 Time: 14:31
Peak Area (A-s): 0.033 Peak Height (A): 0.056
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 11.5

Replicate 2 Time: 14:34
Peak Area (A-s): 0.036 Peak Height (A): 0.053
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.039
Concentration (ug/L): 12.5

Mean Conc (ug/L): 12.0 SD: 0.69 RSD(%): 5.72

Recovery is 116.4%

~~~~~~

Se ID: MFQ334 Seq. No.: 00011 A/S Pos.: 2 Date: 02/24/92

Replicate 1 Time: 14:37
Peak Area (A-s): 0.002 Peak Height (A): 0.013
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.5

Replicate 2 Time: 14:40
Peak Area (A-s): 0.000 Peak Height (A): 0.012
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 1.1

Mean Conc (ug/L): 1.3 SD: 0.26 RSD(%): 20.43

~~~~~~

Se ID: MFQ334A Seq. No.: 00012 A/S Pos.: 2 Date: 02/24/92

Replicate 1 Time: 14:43
Peak Area (A-s): 0.032 Peak Height (A): 0.054
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.035
Concentration (ug/L): 11.4

Replicate 2 Time: 14:46
Peak Area (A-s): 0.031 Peak Height (A): 0.060
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.034
Concentration (ug/L): 11.0

Mean Conc (ug/L): 11.2 SD: 0.29 RSD(%): 2.56

Recovery is 99.1%

~~~~~~

Se ID: MFQ334D Seq. No.: 00013 A/S Pos.: 3 Date: 02/24/92

Replicate 1 Time: 14:49
Peak Area (A-s): -0.001 Peak Height (A): 0.013
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.8

Replicate 2 Time: 14:52
Peak Area (A-s): -0.001 Peak Height (A): 0.013
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.5

Mean Conc (ug/L): 0.6 SD: 0.20 RSD(%): 32.01

~~~~~~

Se ID: MFQ334DA Seq. No.: 00014 A/S Pos.: 3 Date: 02/24/92

Replicate 1 Time: 14:55
Peak Area (A-s): 0.033 Peak Height (A): 0.055
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 11.8

Replicate 2 Time: 14:58
Peak Area (A-s): 0.031 Peak Height (A): 0.055
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.034
Concentration (ug/L): 11.1

Mean Conc (ug/L): 11.4 SD: 0.48 RSD(%): 4.16

Recovery is 107.4%

~~~~~~

Se ID: MFQ334S Seq. No.: 00015 A/S Pos.: 4 Date: 02/24/92

Replicate 1 Time: 15:01
Peak Area (A-s): 0.026 Peak Height (A): 0.047
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.029
Concentration (ug/L): 9.3

Replicate 2 Time: 15:04
Peak Area (A-s): 0.030 Peak Height (A): 0.051
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 10.6

Mean Conc (ug/L): 9.9 SD: 0.88 RSD(%): 8.87

~~~~~~

Se ID: ~~ICV~~/CCV Seq. No.: 00016 A/S Pos.: 36 Date: 02/24/92

Replicate 1 Time: 15:07
Peak Area (A-s): 0.158 Peak Height (A): 0.203
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.161
Concentration (ug/L): 52.5
~~~~~~

Replicate 2 Time: 15:10
Peak Area (A-s): 0.159 Peak Height (A): 0.214
Background Pk Area (A-s): 0.045 Background Pk Height (A): 0.048 264
Blank Corrected Pk Area (A-s): 0.162
Concentration (ug/L): 53.0

Mean Conc (ug/L): 52.8 SD: 0.35 RSD(%): 0.67

Check sample is within range 47.34 - 57.86

~~~~~~

Se ID: ~~ICB~~/CCB Seq. No.: 00017 A/S Pos.: 40 Date: 02/24/92

Replicate 1 Time: 15:13
Peak Area (A-s): 0.002 Peak Height (A): 0.013
Background Pk Area (A-s): 0.021 Background Pk Height (A): 0.019
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.5

Replicate 2 Time: 15:16
Peak Area (A-s): 0.003 Peak Height (A): 0.010
Background Pk Area (A-s): 0.021 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.9

Mean Conc (ug/L): 1.7 SD: 0.24 RSD(%): 13.87

Check sample is within range -2.5 - 2.5

~~~~~~

Se ID: MFQ335 Seq. No.: 00018 A/S Pos.: 5 Date: 02/24/92

Replicate 1 Time: 15:19
Peak Area (A-s): 0.003 Peak Height (A): 0.019
Background Pk Area (A-s): 0.055 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.8

Replicate 2 Time: 15:22
Peak Area (A-s): -0.003 Peak Height (A): 0.015
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.1

Mean Conc (ug/L): 0.9 SD: 1.20 RSD(%): 126.88

~~~~~~

Se ID: MFQ335 A Seq. No.: 00019 A/S Pos.: 5 Date: 02/24/92

Replicate 1 Time: 15:25
Peak Area (A-s): 0.032 Peak Height (A): 0.059
Background Pk Area (A-s): 0.055 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.035
Concentration (ug/L): 11.4

Replicate 2 Time: 15:28
Peak Area (A-s): 0.033 Peak Height (A): 0.051
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.036
~~~~~~

Concentration (ug/L): 11.7

Mean Conc (ug/L): 11.5 SD: 0.24 RSD(%): 2.07

Recovery is 105.3%

~~~~~~

Se ID: MFQ336 Seq. No.: 00020 A/S Pos.: 6 Date: 02/24/92

Replicate 1 Time: 15:31
Peak Area (A-s): 0.004 Peak Height (A): 0.014
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.070
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 2.4

Replicate 2 Time: 15:34
Peak Area (A-s): -0.006 Peak Height (A): 0.013
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -1.0

Mean Conc (ug/L): 0.7 SD: 2.38 RSD(%): 350.79

~~~~~~

Se ID: MFQ336A Seq. No.: 00021 A/S Pos.: 6 Date: 02/24/92

Replicate 1 Time: 15:38
Peak Area (A-s): 0.032 Peak Height (A): 0.054
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.035
Concentration (ug/L): 11.4

Replicate 2 Time: 15:41
Peak Area (A-s): 0.033 Peak Height (A): 0.049
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 11.5

Mean Conc (ug/L): 11.5 SD: 0.07 RSD(%): 0.58

Recovery is 107.5%

~~~~~~

Se ID: MFQ337 Seq. No.: 00022 A/S Pos.: 7 Date: 02/24/92

Replicate 1 Time: 15:44
Peak Area (A-s): -0.003 Peak Height (A): 0.013
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.1

Replicate 2 Time: 15:47
Peak Area (A-s): -0.002 Peak Height (A): 0.016
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Mean Conc (ug/L): 0.2 SD: 0.09 RSD(%): 46.31
~~~~~~

Se ID: MFQ337A Seq. No.: 00023 A/S Pos.: 7 Date: 02/24/92

Replicate 1 Time: 15:50
Peak Area (A-s): 0.034 Peak Height (A): 0.055
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.037
Concentration (ug/L): 12.1

Replicate 2 Time: 15:53
Peak Area (A-s): 0.033 Peak Height (A): 0.054
Background Pk Area (A-s): 0.050 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 11.5

Mean Conc (ug/L): 11.8 SD: 0.41 RSD(%): 3.51

Recovery is 115.8%

Se ID: MFQ338 Seq. No.: 00024 A/S Pos.: 8 Date: 02/24/92

Replicate 1 Time: 15:56
Peak Area (A-s): -0.004 Peak Height (A): 0.011
Background Pk Area (A-s): 0.055 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.2

Replicate 2 Time: 15:59
Peak Area (A-s): -0.003 Peak Height (A): 0.012
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.0

Mean Conc (ug/L): -0.1 SD: 0.19 RSD(%): 186.08

Se ID: MFQ338A Seq. No.: 00025 A/S Pos.: 8 Date: 02/24/92

Replicate 1 Time: 16:02
Peak Area (A-s): 0.036 Peak Height (A): 0.054
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.039
Concentration (ug/L): 12.7

Replicate 2 Time: 16:06
Peak Area (A-s): 0.033 Peak Height (A): 0.054
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 11.8

Mean Conc (ug/L): 12.2 SD: 0.64 RSD(%): 5.26

Recovery is 122.9%

Se ID: MFQ339 Seq. No.: 00026 A/S Pos.: 9 Date: 02/24/92

Replicate 1 Time: 16:09

Peak Area (A-s): 0.000 Peak Height (A): 0.014
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 1.0

Replicate 2 Time: 16:12
Peak Area (A-s): 0.003 Peak Height (A): 0.014
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.8

Mean Conc (ug/L): 1.4 SD: 0.54 RSD(%): 38.12

~~~~~~

Se ID: MFQ339A Seq. No.: 00027 A/S Pos.: 9 Date: 02/24/92

Replicate 1 Time: 16:15
Peak Area (A-s): 0.032 Peak Height (A): 0.055
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.035
Concentration (ug/L): 11.3

Replicate 2 Time: 16:18
Peak Area (A-s): 0.033 Peak Height (A): 0.053
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 11.7

Mean Conc (ug/L): 11.5 SD: 0.26 RSD(%): 2.27

Recovery is 100.5%

~~~~~~

Se ID: ~~ICV~~/CCV Seq. No.: 00028 A/S Pos.: 36 Date: 02/24/92

Replicate 1 Time: 16:21
Peak Area (A-s): 0.163 Peak Height (A): 0.213
Background Pk Area (A-s): 0.043 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.166
Concentration (ug/L): 54.2

Replicate 2 Time: 16:24
Peak Area (A-s): 0.164 Peak Height (A): 0.216
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.167
Concentration (ug/L): 54.7

Mean Conc (ug/L): 54.4 SD: 0.36 RSD(%): 0.67

Check sample is within range 47.34 - 57.86

~~~~~~

Se ID: ~~ICB~~/CCB Seq. No.: 00029 A/S Pos.: 40 Date: 02/24/92

Replicate 1 Time: 16:27
Peak Area (A-s): 0.006 Peak Height (A): 0.014
Background Pk Area (A-s): 0.019 Background Pk Height (A): 0.017
Blank Corrected Pk Area (A-s): 0.009
Concentration (ug/L): 3.0
~~~~~~

Replicate 2 Time: 16:30
Peak Area (A-s): -0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.017
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.7

Mean Conc (ug/L): 1.8 SD: 1.65 RSD(%): 89.32

Check sample is within range -2.5 - 2.5

~~~~~~

Se ID: MFQ340 Seq. No.: 00030 A/S Pos.: 10 Date: 02/24/92

Replicate 1 Time: 16:33
Peak Area (A-s): 0.003 Peak Height (A): 0.016
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 2.0

Replicate 2 Time: 16:36
Peak Area (A-s): 0.004 Peak Height (A): 0.012
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L): 2.4

Mean Conc (ug/L): 2.2 SD: 0.27 RSD(%): 12.33

~~~~~~

Se ID: MFQ340A Seq. No.: 00031 A/S Pos.: 10 Date: 02/24/92

Replicate 1 Time: 16:39
Peak Area (A-s): 0.034 Peak Height (A): 0.053
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.037
Concentration (ug/L): 11.9

Replicate 2 Time: 16:42
Peak Area (A-s): 0.036 Peak Height (A): 0.052
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.039
Concentration (ug/L): 12.6

Mean Conc (ug/L): 12.3 SD: 0.53 RSD(%): 4.30

Recovery is 100.0%

~~~~~~

Se ID: ~~PBW~~ ZZZZZZ Seq. No.: 00032 A/S Pos.: 11 Date: 02/24/92

Replicate 1 Time: 16:45
Peak Area (A-s): 0.001 Peak Height (A): 0.017
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.019
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 1.2

Replicate 2 Time: 16:48
Peak Area (A-s): -0.006 Peak Height (A): 0.009
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.019
Blank Corrected Pk Area (A-s): -0.003
~~~~~~

Concentration (ug/L): -1.1

Mean Conc (ug/L): 0.1 SD: 1.67 RSD(%): 2498.06

~~~~~~

Se ID: ~~PBW~~ ZZZZZZ Seq. No.: 00033 A/S Pos.: 11 Date: 02/24/92

Replicate 1 Time: 16:51
Peak Area (A-s): 0.038 Peak Height (A): 0.052
Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.041
Concentration (ug/L): 13.3

Replicate 2 Time: 16:55
Peak Area (A-s): 0.036 Peak Height (A): 0.049
Background Pk Area (A-s): 0.025 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.039
Concentration (ug/L): 12.8

Mean Conc (ug/L): 13.1 SD: 0.39 RSD(%): 2.98

Recovery is 129.4%

~~~~~~

Se ID: ~~LCSW~~ ZZZZZZ Seq. No.: 00034 A/S Pos.: 12 Date: 02/24/92

Replicate 1 Time: 16:58
Peak Area (A-s): 0.179 Peak Height (A): 0.215
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.182
Concentration (ug/L): 59.5

Replicate 2 Time: 17:01
Peak Area (A-s): 0.176 Peak Height (A): 0.221
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.179
Concentration (ug/L): 58.6

Mean Conc (ug/L): 59.1 SD: 0.61 RSD(%): 1.03

~~~~~~

Se ID: ~~LCSW~~ ZZZZZZ Seq. No.: 00035 A/S Pos.: 12 Date: 02/24/92

Replicate 1 Time: 17:04
Peak Area (A-s): 0.214 Peak Height (A): 0.246
Background Pk Area (A-s): 0.050 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.217
Concentration (ug/L): 71.1

Replicate 2 Time: 17:07
Peak Area (A-s): 0.213 Peak Height (A): 0.265
Background Pk Area (A-s): 0.050 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.216
Concentration (ug/L): 70.6

Mean Conc (ug/L): 70.9 SD: 0.37 RSD(%): 0.52

Recovery is 117.5%
~~~~~~

Se ID: ~~MBBE97~~ 2222222 Seq. No.: 00036 A/S Pos.: 13 Date: 02/24/92

Replicate 1 Time: 17:10
Peak Area (A-s): 0.001 Peak Height (A): 0.013
Background Pk Area (A-s): 0.044 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 1.3

Replicate 2 Time: 17:13
Peak Area (A-s): -0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.047 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L): 0.8

Mean Conc (ug/L): 1.1 SD: 0.40 RSD(%): 37.70

Se ID: ~~MBBE97~~ 2222222 Seq. No.: 00037 A/S Pos.: 13 Date: 02/24/92

Replicate 1 Time: 17:16
Peak Area (A-s): 0.035 Peak Height (A): 0.048
Background Pk Area (A-s): 0.043 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 12.2

Replicate 2 Time: 17:19
Peak Area (A-s): 0.028 Peak Height (A): 0.045
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.031
Concentration (ug/L): 10.0

Mean Conc (ug/L): 11.1 SD: 1.51 RSD(%): 13.65

Recovery is 99.9%

Se ID: ~~MBBE98~~ 2222222 Seq. No.: 00038 A/S Pos.: 14 Date: 02/24/92

Replicate 1 Time: 17:22
Peak Area (A-s): -0.003 Peak Height (A): 0.011
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L): -0.0

Replicate 2 Time: 17:25
Peak Area (A-s): 0.002 Peak Height (A): 0.014
Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.5

Mean Conc (ug/L): 0.8 SD: 1.10 RSD(%): 145.05

Se ID: ~~MBBE98~~ 2222222 Seq. No.: 00039 A/S Pos.: 14 Date: 02/24/92

Replicate 1 Time: 17:28
Peak Area (A-s): 0.029 Peak Height (A): 0.047
Background Pk Area (A-s): 0.045 Background Pk Height (A): 0.037

Blank Corrected Pk Area (A-s): 0.032
Concentration (ug/L): 10.3

Replicate 2 | Time: 17:31
Peak Area (A-s): 0.035 | Peak Height (A): 0.045
Background Pk Area (A-s): 0.043 | Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 12.4

Mean Conc (ug/L): 11.4 SD: 1.45 RSD(%): 12.73

Recovery is 105.6%

~~~~~~

Se ID: ~~ICV~~/CCV Seq. No.: 00040 A/S Pos.: 36 Date: 02/24/92

Replicate 1 | Time: 17:34
Peak Area (A-s): 0.159 | Peak Height (A): 0.214
Background Pk Area (A-s): 0.052 | Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.162
Concentration (ug/L): 53.0

Replicate 2 | Time: 17:37
Peak Area (A-s): 0.164 | Peak Height (A): 0.223
Background Pk Area (A-s): 0.045 | Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.167
Concentration (ug/L): 54.5

Mean Conc (ug/L): 53.7 SD: 1.09 RSD(%): 2.03

Check sample is within range 47.34 - 57.86

~~~~~~

Se ID: ~~ICB~~/CCB Seq. No.: 00041 A/S Pos.: 40 Date: 02/24/92

Replicate 1 | Time: 17:40
Peak Area (A-s): 0.005 | Peak Height (A): 0.015
Background Pk Area (A-s): 0.019 | Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.008
Concentration (ug/L): 2.6

Replicate 2 | Time: 17:43
Peak Area (A-s): -0.002 | Peak Height (A): 0.014
Background Pk Area (A-s): 0.023 | Background Pk Height (A): 0.019
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.4

Mean Conc (ug/L): 1.5 SD: 1.56 RSD(%): 103.93

Check sample is within range -2.5 - 2.5

End of Run

~~~~~~

Se ID: MBBE99 Seq. No.: 00042 A/S Pos.: 15 Date: 02/24/92

Replicate 1 | Time: 17:46
Peak Area (A-s): 0.005 | Peak Height (A): 0.014
Background Pk Area (A-s): 0.042 | Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.008
Concentration (ug/L): 2.5

DCS
2-25-92
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PE5000 Element: TL Wavelength: 276.8
Date: 02-05-1992 Time: 12:16:52 Slit: 0.7
Data File: TL.DAT A/S File: TL.ASF
Technique: HGA on PE-5000, data analysis via RS-232C to IBM-PC.
Remark 1: All Standards made 02/05/92 at 9:00am from stock solutions
Remark 2: dated 1/17/92. The stock solutions were prepared from
Remark 3: Spex standards
Remark 4: All concentrations were calculated from peak areas.
Remark 5: Analyst: Mike Dammann

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TL ID: S0 Seq. No.: 1 A/S Pos.: 40 Date: 02-05-1992

Replicate 1 Time: 12:20:15
Peak Area (A-S):-0.000
Peak Height (A): 0.010

Replicate 2 Time: 12:23:00
Peak Area (A-S): 0.000
Peak Height (A): 0.010

Mean Pk Area (A-S): 0.000 SD: 0.0006 RSD(%): 9999.0000

Auto-Zero performed.

~~~~~~

TL ID: S10 Seq. No.: 2 A/S Pos.: 35 Date: 02-05-1992

Replicate 1 Time: 12:26:18
Peak Area (A-S): 0.032
Peak Height (A): 0.033

Replicate 2 Time: 12:29:02
Peak Area (A-S): 0.021
Peak Height (A): 0.031

Mean Pk Area (A-S): 0.026 SD: 0.0078 RSD(%): 29.6750

Standard number 1 applied. [10.0]
Correlation coefficient: 1.00000

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TL ID: S25 Seq. No.: 3 A/S Pos.: 41 Date: 02-05-1992

Replicate 1 Time: 12:32:25
Peak Area (A-S): 0.052
Peak Height (A): 0.066
Concentration (ug/l): 19.7

Replicate 2 Time: 12:35:09
Peak Area (A-S): 0.060
Peak Height (A): 0.091
Concentration (ug/l): 22.5

Mean Conc. (ug/l): 21.1 SD: 1.98 RSD(%): 9.36

Standard number 2 applied. [25.0]
Correlation coefficient: 1.00000

~~~~~~

TL ID: S50 Seq. No.: 4 A/S Pos.: 42 Date: 02-05-1992

13,17
~~~~~~

Replicate 1 Time: 12:38:37
Peak Area (A-S): 0.106
Peak Height (A): 0.147
Concentration (ug/l): 59.6

Replicate 2 Time: 12:41:21
Peak Area (A-S): 0.110
Peak Height (A): 0.152
Concentration (ug/l): 63.4

Mean Conc. (ug/l): 61.5 SD: 2.72 RSD(%): 4.43

Standard number 3 applied. [50.0]
Correlation coefficient: 0.99948

~~~~~~

TL ID: S100 Seq. No.: 5 A/S Pos.: 43 Date: 02-05-1992

Replicate 1 Time: 12:44:49
Peak Area (A-S): 0.175
Peak Height (A): 0.215
Concentration (ug/l): 87.1

Replicate 2 Time: 12:47:34
Peak Area (A-S): 0.190
Peak Height (A): 0.213
Concentration (ug/l): 96.2

Mean Conc. (ug/l): 91.6 SD: 6.45 RSD(%): 7.05

Standard number 4 applied. [100.0]
Correlation coefficient: 0.99973

~~~~~~

TL ID: ICV Seq. No.: 6 A/S Pos.: 44 Date: 02-05-1992

Replicate 1 Time: 12:51:02
Peak Area (A-S): 0.105
Peak Height (A): 0.146
Concentration (ug/l): 49.4

Replicate 2 Time: 12:53:47
Peak Area (A-S): 0.105
Peak Height (A): 0.145
Concentration (ug/l): 49.4

Mean Conc. (ug/l): 49.4 SD: 0.01 RSD(%): 0.02

~~~~~~

TL ID: ICB Seq. No.: 7 A/S Pos.: 40 Date: 02-05-1992

Replicate 1 Time: 12:57:07
Peak Area (A-S):-0.002
Peak Height (A): 0.009
Concentration (ug/l): -0.4

Replicate 2 Time: 12:59:52
Peak Area (A-S): 0.001
Peak Height (A): 0.008
Concentration (ug/l): 0.5

Mean Conc. (ug/l): 0.0 SD: 0.62 RSD(%): 1363.22
~~~~~~

~~~~~~

TL ID: CRA Seq. No.: 8 A/S Pos.: 35 Date: 02-05-1992

Replicate 1 Time: 13:03:13
Peak Area (A-S): 0.027
Peak Height (A): 0.045
Concentration (ug/l): 10.6

Replicate 2 Time: 13:05:57
Peak Area (A-S): 0.024
Peak Height (A): 0.046
Concentration (ug/l): 9.3

Mean Conc. (ug/l): 10.0 SD: 0.90 RSD(%): 9.06

~~~~~~

TL ID: MYH240 Seq. No.: 9 A/S Pos.: 30 Date: 02-05-1992

Replicate 1 Time: 13:09:18
Peak Area (A-S): 0.002
Peak Height (A): 0.010
Concentration (ug/l): 1.0

Replicate 2 Time: 13:12:02
Peak Area (A-S): 0.004
Peak Height (A): 0.010
Concentration (ug/l): 1.5

Mean Conc. (ug/l): 1.2 SD: 0.41 RSD(%): 32.74

~~~~~~

TL ID: MYH240A Seq. No.: 10 A/S Pos.: 30 Date: 02-05-1992

Replicate 1 Time: 13:15:23
Peak Area (A-S): 0.028
Peak Height (A): 0.035
Concentration (ug/l): 11.0

Replicate 2 Time: 13:18:07
Peak Area (A-S): 0.027
Peak Height (A): 0.031
Concentration (ug/l): 10.5

Mean Conc. (ug/l): 10.8 SD: 0.35 RSD(%): 3.21

Recovery is 47.65%

~~~~~~

TL ID: MYH241 Seq. No.: 11 A/S Pos.: 31 Date: 02-05-1992

Replicate 1 Time: 13:21:30
Peak Area (A-S):-0.000
Peak Height (A): 0.009
Concentration (ug/l): 0.2

Replicate 2 Time: 13:24:15
Peak Area (A-S): 0.001
Peak Height (A): 0.009
Concentration (ug/l): 0.7

Mean Conc. (ug/l): 0.4 SD: 0.38 RSD(%): 88.18

~~~~~~

TL ID: MYH241A Seq. No.: 12 A/S Pos.: 31 Date: 02-05-1992

Replicate 1 Time: 13:27:36
Peak Area (A-S): 0.026
Peak Height (A): 0.035
Concentration (ug/l): 10.2

Replicate 2 Time: 13:30:21
Peak Area (A-S): 0.028
Peak Height (A): 0.031
Concentration (ug/l): 10.9

Mean Conc. (ug/l): 10.6 SD: 0.50 RSD(%): 4.76

Recovery is 50.78%

~~~~~~

TL ID: MYH245 Seq. No.: 13 A/S Pos.: 32 Date: 02-05-1992

Replicate 1 Time: 13:33:44
Peak Area (A-S): 0.002
Peak Height (A): 0.012
Concentration (ug/l): 0.8

Replicate 2 Time: 13:36:28
Peak Area (A-S): 0.003
Peak Height (A): 0.013
Concentration (ug/l): 1.4

Mean Conc. (ug/l): 1.1 SD: 0.46 RSD(%): 42.26

~~~~~~

TL ID: MYH245A Seq. No.: 14 A/S Pos.: 32 Date: 02-05-1992

Replicate 1 Time: 13:39:49
Peak Area (A-S): 0.024
Peak Height (A): 0.028
Concentration (ug/l): 9.5

Replicate 2 Time: 13:42:34
Peak Area (A-S): 0.021
Peak Height (A): 0.027
Concentration (ug/l): 8.4

Mean Conc. (ug/l): 9.0 SD: 0.78 RSD(%): 8.65

Recovery is 39.39%

~~~~~~

TL ID: MYH246 Seq. No.: 15 A/S Pos.: 33 Date: 02-05-1992

Replicate 1 Time: 13:45:57
Peak Area (A-S): 0.001
Peak Height (A): 0.012
Concentration (ug/l): 0.4

Replicate 2 Time: 13:48:41
Peak Area (A-S): 0.004
Peak Height (A): 0.012
Concentration (ug/l): 1.5

Mean Conc. (ug/l): 1.0 SD: 0.78 RSD(%): 80.64

~~~~~~

TL ID: MYH246A Seq. No.: 16 A/S Pos.: 33 Date: 02-05-1992

Replicate 1 Time: 13:52:03
Peak Area (A-S): 0.024
Peak Height (A): 0.033
Concentration (ug/l): 9.5

Replicate 2 Time: 13:54:47
Peak Area (A-S): 0.025
Peak Height (A): 0.030
Concentration (ug/l): 10.0

Mean Conc. (ug/l): 9.8 SD: 0.34 RSD(%): 3.52

Recovery is 44.09%

~~~~~~

TL ID: CCV Seq. No.: 17 A/S Pos.: 44 Date: 02-05-1992

Replicate 1 Time: 13:58:10
Peak Area (A-S): 0.111
Peak Height (A): 0.132
Concentration (ug/l): 53.1

Replicate 2 Time: 14:00:55
Peak Area (A-S): 0.109
Peak Height (A): 0.131
Concentration (ug/l): 51.6

Mean Conc. (ug/l): 52.3 SD: 1.07 RSD(%): 2.05

~~~~~~

TL ID: CCB Seq. No.: 18 A/S Pos.: 40 Date: 02-05-1992

Replicate 1 Time: 14:04:15
Peak Area (A-S):-0.001
Peak Height (A): 0.009
Concentration (ug/l): -0.0

Replicate 2 Time: 14:07:00
Peak Area (A-S): 0.004
Peak Height (A): 0.010
Concentration (ug/l): 1.7

Mean Conc. (ug/l): 0.8 SD: 1.23 RSD(%): 149.42

~~~~~~

TL ID: MYH249 Seq. No.: 19 A/S Pos.: 34 Date: 02-05-1992

Replicate 1 Time: 14:10:20
Peak Area (A-S): 0.003
Peak Height (A): 0.012
Concentration (ug/l): 1.1

Replicate 2 Time: 14:13:05
Peak Area (A-S): 0.001
Peak Height (A): 0.009
Concentration (ug/l): 0.4

Mean Conc. (ug/l): 0.8 SD: 0.49 RSD(%): 63.53

~~~~~~

TL ID: MYH249A Seq. No.: 20 A/S Pos.: 34 Date: 02-05-1992

Replicate 1 Time: 14:16:26
Peak Area (A-S): 0.027
Peak Height (A): 0.034
Concentration (ug/l): 10.9

Replicate 2 Time: 14:19:10
Peak Area (A-S): 0.026
Peak Height (A): 0.040
Concentration (ug/l): 10.2

Mean Conc. (ug/l): 10.5 SD: 0.52 RSD(%): 4.97

Recovery is 48.76%

~~~~~~

TL ID: MYH245 1/5 DIL Seq. No.: 21 A/S Pos.: 32 Date: 02-05-1992

Replicate 1 Time: 14:25:27
Peak Area (A-S): 0.001
Peak Height (A): 0.012
Concentration (ug/l): 0.4

Replicate 2 Time: 14:28:11
Peak Area (A-S):-0.000
Peak Height (A): 0.007
Concentration (ug/l): 0.1

Mean Conc. (ug/l): 0.2 SD: 0.19 RSD(%): 75.13

~~~~~~

TL ID: MYH245A 1/5 DIL Seq. No.: 22 A/S Pos.: 32 Date: 02-05-1992

Replicate 1 Time: 14:31:32
Peak Area (A-S): 0.029
Peak Height (A): 0.034
Concentration (ug/l): 11.5

Replicate 2 Time: 14:34:16
Peak Area (A-S): 0.031
Peak Height (A): 0.037
Concentration (ug/l): 12.5

Mean Conc. (ug/l): 12.0 SD: 0.67 RSD(%): 5.60

Recovery is 58.73%

~~~~~~

TL ID: PBS Seq. No.: 23 A/S Pos.: 1 Date: 02-05-1992

Replicate 1 Time: 14:37:40
Peak Area (A-S):-0.001
Peak Height (A): 0.008
Concentration (ug/l): -0.3

Replicate 2 Time: 14:40:24
Peak Area (A-S):-0.000
Peak Height (A): 0.009
Concentration (ug/l): 0.1

Mean Conc. (ug/l): -0.1 SD: 0.30 RSD(%): 326.45

~~~~~~

TL ID: PBSA Seq. No.: 24 A/S Pos.: 1 Date: 02-05-1992

Replicate 1 Time: 14:43:46
Peak Area (A-S): 0.046
Peak Height (A): 0.062
Concentration (ug/l): 18.8

Replicate 2 Time: 14:46:30
Peak Area (A-S): 0.048
Peak Height (A): 0.061
Concentration (ug/l): 20.0

Mean Conc. (ug/l): 19.4 SD: 0.79 RSD(%): 4.10

Recovery is 97.44%

~~~~~~

TL ID: LCSS 1/10 DIL Seq. No.: 25 A/S Pos.: 2 Date: 02-05-1992

Replicate 1 Time: 14:49:53
Peak Area (A-S): 0.051
Peak Height (A): 0.090
Concentration (ug/l): 21.3

Replicate 2 Time: 14:52:38
Peak Area (A-S): 0.051
Peak Height (A): 0.084
Concentration (ug/l): 21.2

Mean Conc. (ug/l): 21.2 SD: 0.08 RSD(%): 0.40

~~~~~~

TL ID: LCSSA 1/10 DIL Seq. No.: 26 A/S Pos.: 2 Date: 02-05-1992

Replicate 1 Time: 14:55:58
Peak Area (A-S): 0.097
Peak Height (A): 0.136
Concentration (ug/l): 44.6

Replicate 2 Time: 14:58:43
Peak Area (A-S): 0.094
Peak Height (A): 0.140
Concentration (ug/l): 43.2

Mean Conc. (ug/l): 43.9 SD: 0.99 RSD(%): 2.24

Recovery is 113.51%

~~~~~~

TL ID: MFQ311 Seq. No.: 27 A/S Pos.: 3 Date: 02-05-1992

Replicate 1 Time: 15:02:06
Peak Area (A-S): 0.001
Peak Height (A): 0.012
Concentration (ug/l): 0.6

Replicate 2 Time: 15:04:50
Peak Area (A-S): 0.002
Peak Height (A): 0.012
Concentration (ug/l): 1.0

Mean Conc. (ug/l): 0.8 SD: 0.31 RSD(%): 40.14

~~~~~~

TL ID: MFQ311A Seq. No.: 28 A/S Pos.: 3 Date: 02-05-1992

Replicate 1 Time: 15:08:11
Peak Area (A-S): 0.052
Peak Height (A): 0.066
Concentration (ug/l): 21.5

Replicate 2 Time: 15:10:56
Peak Area (A-S): 0.054
Peak Height (A): 0.068
Concentration (ug/l): 22.7

Mean Conc. (ug/l): 22.1 SD: 0.85 RSD(%): 3.86

Recovery is 106.75%

~~~~~~

TL ID: CCV Seq. No.: 29 A/S Pos.: 44 Date: 02-05-1992

Replicate 1 Time: 15:14:19
Peak Area (A-S): 0.105
Peak Height (A): 0.134
Concentration (ug/l): 49.3

Replicate 2 Time: 15:17:04
Peak Area (A-S): 0.107
Peak Height (A): 0.134
Concentration (ug/l): 50.3

Mean Conc. (ug/l): 49.8 SD: 0.72 RSD(%): 1.44

~~~~~~

TL ID: CCB Seq. No.: 30 A/S Pos.: 40 Date: 02-05-1992

Replicate 1 Time: 15:20:24
Peak Area (A-S):-0.001
Peak Height (A): 0.009
Concentration (ug/l): -0.1

Replicate 2 Time: 15:23:09
Peak Area (A-S): 0.001
Peak Height (A): 0.009
Concentration (ug/l): 0.7

Mean Conc. (ug/l): 0.3 SD: 0.57 RSD(%): 179.01

~~~~~~

TL ID: MFQ312 Seq. No.: 31 A/S Pos.: 4 Date: 02-05-1992

Replicate 1 Time: 15:26:29
Peak Area (A-S):-0.002
Peak Height (A): 0.011
Concentration (ug/l): -0.6

Replicate 2 Time: 15:29:14
Peak Area (A-S):-0.005
Peak Height (A): 0.011
Concentration (ug/l): -1.7

Mean Conc. (ug/l): -1.1 SD: 0.74 RSD(%): 65.13

~~~~~~

TL ID: MFQ312A Seq. No.: 32 A/S Pos.: 4 Date: 02-05-1992

Replicate 1 Time: 15:32:35
Peak Area (A-S): 0.051
Peak Height (A): 0.077
Concentration (ug/l): 21.5

Replicate 2 Time: 15:35:20
Peak Area (A-S): 0.048
Peak Height (A): 0.074
Concentration (ug/l): 19.9

Mean Conc. (ug/l): 20.7 SD: 1.14 RSD(%): 5.51

Recovery is 108.97%

~~~~~~

TL ID: MFQ313 Seq. No.: 33 A/S Pos.: 5 Date: 02-05-1992

Replicate 1 Time: 15:38:43
Peak Area (A-S): 0.006
Peak Height (A): 0.012
Concentration (ug/l): 2.4

Replicate 2 Time: 15:41:27
Peak Area (A-S): 0.002
Peak Height (A): 0.009
Concentration (ug/l): 0.9

Mean Conc. (ug/l): 1.7 SD: 1.06 RSD(%): 62.86

~~~~~~

TL ID: MFQ313A Seq. No.: 34 A/S Pos.: 5 Date: 02-05-1992

Replicate 1 Time: 15:44:48
Peak Area (A-S): 0.049
Peak Height (A): 0.074
Concentration (ug/l): 20.5

Replicate 2 Time: 15:47:32
Peak Area (A-S): 0.053
Peak Height (A): 0.075
Concentration (ug/l): 22.3

Mean Conc. (ug/l): 21.4 SD: 1.34 RSD(%): 6.24

Recovery is 98.61%

~~~~~~

TL ID: MFQ314 Seq. No.: 35 A/S Pos.: 6 Date: 02-05-1992

Replicate 1 Time: 15:50:56
Peak Area (A-S): 0.005
Peak Height (A): 0.010
Concentration (ug/l): 2.0

Replicate 2 Time: 15:53:40
Peak Area (A-S):-0.001
Peak Height (A): 0.009

Concentration (ug/l): -0.0

Mean Conc. (ug/l): 1.0 SD: 1.45 RSD(%): 148.38

~~~~~~

TL ID: MFQ314A Seq. No.: 36 A/S Pos.: 6 Date: 02-05-1992

Replicate 1 Time: 15:57:02
Peak Area (A-S): 0.055
Peak Height (A): 0.076
Concentration (ug/l): 22.9

Replicate 2 Time: 15:59:46
Peak Area (A-S): 0.053
Peak Height (A): 0.075
Concentration (ug/l): 22.1

Mean Conc. (ug/l): 22.5 SD: 0.62 RSD(%): 2.76

Recovery is 107.56%

~~~~~~

TL ID: MFQ324 Seq. No.: 37 A/S Pos.: 7 Date: 02-05-1992

Replicate 1 Time: 16:03:09
Peak Area (A-S): 0.004
Peak Height (A): 0.012
Concentration (ug/l): 1.7

Replicate 2 Time: 16:05:54
Peak Area (A-S): 0.006
Peak Height (A): 0.012
Concentration (ug/l): 2.4

Mean Conc. (ug/l): 2.1 SD: 0.46 RSD(%): 22.31

~~~~~~

TL ID: MFQ324A Seq. No.: 38 A/S Pos.: 7 Date: 02-05-1992

Replicate 1 Time: 16:09:14
Peak Area (A-S): 0.051
Peak Height (A): 0.070
Concentration (ug/l): 21.4

Replicate 2 Time: 16:11:59
Peak Area (A-S): 0.054
Peak Height (A): 0.069
Concentration (ug/l): 22.6

Mean Conc. (ug/l): 22.0 SD: 0.80 RSD(%): 3.63

Recovery is 99.69%

~~~~~~

TL ID: MFQ326 Seq. No.: 39 A/S Pos.: 8 Date: 02-05-1992

Replicate 1 Time: 16:15:22
Peak Area (A-S): 0.002
Peak Height (A): 0.013
Concentration (ug/l): 1.1

Replicate 2 Time: 16:18:06
Peak Area (A-S): -0.000

Peak Height (A): 0.012
Concentration (ug/l): 0.1

Mean Conc. (ug/l): 0.6 SD: 0.73 RSD(%): 123.58

~~~~~~

TL ID: MFQ326A Seq. No.: 40 A/S Pos.: 8 Date: 02-05-1992

Replicate 1 Time: 16:21:27
Peak Area (A-S): 0.055
Peak Height (A): 0.071
Concentration (ug/l): 23.2

Replicate 2 Time: 16:24:12
Peak Area (A-S): 0.051
Peak Height (A): 0.065
Concentration (ug/l): 21.4

Mean Conc. (ug/l): 22.3 SD: 1.27 RSD(%): 5.71

Recovery is 108.66%

~~~~~~

TL ID: CCV Seq. No.: 41 A/S Pos.: 44 Date: 02-05-1992

Replicate 1 Time: 16:27:35
Peak Area (A-S): 0.098
Peak Height (A): 0.118
Concentration (ug/l): 45.2

Replicate 2 Time: 16:30:19
Peak Area (A-S): 0.103
Peak Height (A): 0.119
Concentration (ug/l): 48.4

Mean Conc. (ug/l): 46.8 SD: 2.27 RSD(%): 4.86

~~~~~~

TL ID: CCB Seq. No.: 42 A/S Pos.: 40 Date: 02-05-1992

Replicate 1 Time: 16:33:40
Peak Area (A-S): 0.001
Peak Height (A): 0.010
Concentration (ug/l): 0.5

Replicate 2 Time: 16:36:24
Peak Area (A-S):-0.002
Peak Height (A): 0.008
Concentration (ug/l): -0.5

Mean Conc. (ug/l): -0.0 SD: 0.70 RSD(%): 1787.34

End of Run

~~~~~~

TL ID: MFQ327 Seq. No.: 43 A/S Pos.: 9 Date: 02-05-1992

Replicate 1 Time: 16:39:45
Peak Area (A-S): 0.004
Peak Height (A): 0.014
Concentration (ug/l): 1.7

Replicate 2 Time: 16:42:29
Peak Area (A-S): 0.003

The original Furnace AA raw data for Thallium second run for case 17700, SDG MFQ311 is located in the region copy of the data package for case 17716, SDG MBBE97. A copy is included herein.

Diana Smedra

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PE5000 Element: TL Wavelength: 276.8
Date: 02-06-1992 Time: 09:04:44 Slit: 0.7
Data File: TL.DAT A/S File: TL.ASF
Technique: HGA on PE-5000, data analysis via RS-232C to IBM-PC.
Remark 1: All Standards made 02/06/92 at 9:00am from stock solutions
Remark 2: dated 1/17/92. The stock solutions were prepared from
Remark 3: Spex standards
Remark 4: All concentrations were calculated from peak areas.
Remark 5: Analyst: Mike Dammann

~~~~~~

TL ID: S0 Seq. No.: 1 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 09:08:08
Peak Area (A-S): 0.002
Peak Height (A): 0.011

Replicate 2 Time: 09:10:53
Peak Area (A-S):-0.003
Peak Height (A): 0.009

Mean Pk Area (A-S): -0.000 SD: 0.0037 RSD(%): 2365.9871

Auto-Zero performed.

~~~~~~

TL ID: S10 Seq. No.: 2 A/S Pos.: 35 Date: 02-06-1992

Replicate 1 Time: 09:14:11
Peak Area (A-S): 0.029
Peak Height (A): 0.030

Replicate 2 Time: 09:16:55
Peak Area (A-S): 0.033
Peak Height (A): 0.030

Mean Pk Area (A-S): 0.031 SD: 0.0032 RSD(%): 10.5277

Standard number 1 applied. [10.0]
Correlation coefficient: 1.00000

~~~~~~

TL ID: S25 Seq. No.: 3 A/S Pos.: 41 Date: 02-06-1992

Replicate 1 Time: 09:20:17
Peak Area (A-S): 0.073
Peak Height (A): 0.063
Concentration (ug/l): 23.6

Replicate 2 Time: 09:23:02
Peak Area (A-S): 0.066
Peak Height (A): 0.064
Concentration (ug/l): 21.3

Mean Conc. (ug/l): 22.5 SD: 1.65 RSD(%): 7.34

Standard number 2 applied. [25.0]
Correlation coefficient: 1.00000

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TL ID: S50 Seq. No.: 4 A/S Pos.: 42 Date: 02-06-1992

17, 21, 15, 23
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Replicate 1 Time: 09:26:30
Peak Area (A-S): 0.133
Peak Height (A): 0.115
Concentration (ug/l): 55.9

Replicate 2 Time: 09:29:14
Peak Area (A-S): 0.131
Peak Height (A): 0.116
Concentration (ug/l): 55.0

Mean Conc. (ug/l): 55.4 SD: 0.69 RSD(%): 1.25

Standard number 3 applied. [50.0]
Correlation coefficient: 0.99987

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TL ID: S100 Seq. No.: 5 A/S Pos.: 43 Date: 02-06-1992

Replicate 1 Time: 09:32:42
Peak Area (A-S): 0.205
Peak Height (A): 0.167
Concentration (ug/l): 82.8

Replicate 2 Time: 09:35:27
Peak Area (A-S): 0.203
Peak Height (A): 0.174
Concentration (ug/l): 81.7

Mean Conc. (ug/l): 82.3 SD: 0.73 RSD(%): 0.89

Standard number 4 applied. [100.0]
Correlation coefficient: 0.99877

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TL ID: ICV Seq. No.: 6 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 09:38:55
Peak Area (A-S): 0.129
Peak Height (A): 0.114
Concentration (ug/l): 51.0

Replicate 2 Time: 09:41:40
Peak Area (A-S): 0.126
Peak Height (A): 0.107
Concentration (ug/l): 49.1

Mean Conc. (ug/l): 50.1 SD: 1.34 RSD(%): 2.68

~~~~~~

TL ID: ICB Seq. No.: 7 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 09:45:01
Peak Area (A-S):-0.003
Peak Height (A): 0.009
Concentration (ug/l): 0.6

Replicate 2 Time: 09:47:45
Peak Area (A-S):-0.000
Peak Height (A): 0.010
Concentration (ug/l): 1.2

Mean Conc. (ug/l): 0.9 SD: 0.38 RSD(%): 42.90
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TL ID: CRA Seq. No.: 8 A/S Pos.: 35 Date: 02-06-1992

Replicate 1 Time: 09:51:07
Peak Area (A-S): 0.031
Peak Height (A): 0.033
Concentration (ug/l): 9.3

Replicate 2 Time: 09:53:51
Peak Area (A-S): 0.033
Peak Height (A): 0.038
Concentration (ug/l): 10.0

Mean Conc. (ug/l): 9.7 SD: 0.48 RSD(%): 5.00

~~~~~~

TL ID: MFQ327 Seq. No.: 9 A/S Pos.: 9 Date: 02-06-1992

Replicate 1 Time: 09:57:12
Peak Area (A-S): 0.017
Peak Height (A): 0.019
Concentration (ug/l): 5.3

Replicate 2 Time: 09:59:57
Peak Area (A-S): 0.018
Peak Height (A): 0.017
Concentration (ug/l): 5.6

Mean Conc. (ug/l): 5.5 SD: 0.22 RSD(%): 4.03

~~~~~~

TL ID: MFQ327A Seq. No.: 10 A/S Pos.: 9 Date: 02-06-1992

Replicate 1 Time: 10:03:17
Peak Area (A-S): 0.074
Peak Height (A): 0.091
Concentration (ug/l): 24.7

Replicate 2 Time: 10:06:02
Peak Area (A-S): 0.075
Peak Height (A): 0.095
Concentration (ug/l): 25.0

Mean Conc. (ug/l): 24.8 SD: 0.22 RSD(%): 0.88

Recovery is 96.70%

~~~~~~

TL ID: MFQ328 Seq. No.: 11 A/S Pos.: 10 Date: 02-06-1992

Replicate 1 Time: 10:09:25
Peak Area (A-S):-0.008
Peak Height (A): 0.012
Concentration (ug/l): -0.4

Replicate 2 Time: 10:12:11
Peak Area (A-S): 0.001
Peak Height (A): 0.009
Concentration (ug/l): 1.5

Mean Conc. (ug/l): 0.5 SD: 1.33 RSD(%): 252.32

~~~~~~

TL ID: MFQ328A Seq. No.: 12 A/S Pos.: 10 Date: 02-06-1992

Replicate 1 Time: 10:15:32
Peak Area (A-S): 0.068
Peak Height (A): 0.078
Concentration (ug/l): 22.0

Replicate 2 Time: 10:18:17
Peak Area (A-S): 0.072
Peak Height (A): 0.084
Concentration (ug/l): 23.9

Mean Conc. (ug/l): 23.0 SD: 1.33 RSD(%): 5.80

Recovery is 112.17%

~~~~~~

TL ID: MFQ329 Seq. No.: 13 A/S Pos.: 11 Date: 02-06-1992

Replicate 1 Time: 10:21:40
Peak Area (A-S): 0.007
Peak Height (A): 0.010
Concentration (ug/l): 2.7

Replicate 2 Time: 10:24:24
Peak Area (A-S): 0.003
Peak Height (A): 0.009
Concentration (ug/l): 2.0

Mean Conc. (ug/l): 2.4 SD: 0.55 RSD(%): 23.18

~~~~~~

TL ID: MFQ329A Seq. No.: 14 A/S Pos.: 11 Date: 02-06-1992

Replicate 1 Time: 10:27:45
Peak Area (A-S): 0.070
Peak Height (A): 0.098
Concentration (ug/l): 22.9

Replicate 2 Time: 10:30:29
Peak Area (A-S): 0.074
Peak Height (A): 0.097
Concentration (ug/l): 24.5

Mean Conc. (ug/l): 23.7 SD: 1.11 RSD(%): 4.70

Recovery is 106.61%

~~~~~~

TL ID: MFQ330 Seq. No.: 15 A/S Pos.: 12 Date: 02-06-1992

Replicate 1 Time: 10:33:53
Peak Area (A-S): 0.007
Peak Height (A): 0.010
Concentration (ug/l): 2.9

Replicate 2 Time: 10:36:37
Peak Area (A-S): 0.003
Peak Height (A): 0.009
Concentration (ug/l): 1.9

Mean Conc. (ug/l): 2.4 SD: 0.65 RSD(%): 26.93

~~~~~~

TL ID: MFQ330A Seq. No.: 16 A/S Pos.: 12 Date: 02-06-1992

Replicate 1 Time: 10:39:59
Peak Area (A-S): 0.071
Peak Height (A): 0.071
Concentration (ug/l): 23.5

Replicate 2 Time: 10:42:43
Peak Area (A-S): 0.072
Peak Height (A): 0.073
Concentration (ug/l): 23.6

Mean Conc. (ug/l): 23.5 SD: 0.11 RSD(%): 0.47

Recovery is 105.64%

~~~~~~

TL ID: CCV Seq. No.: 17 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 10:46:07
Peak Area (A-S): 0.117
Peak Height (A): 0.105
Concentration (ug/l): 44.5

Replicate 2 Time: 10:48:51
Peak Area (A-S): 0.122
Peak Height (A): 0.100
Concentration (ug/l): 47.4

Mean Conc. (ug/l): 45.9 SD: 2.05 RSD(%): 4.47

~~~~~~

TL ID: CCB Seq. No.: 18 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 10:52:12
Peak Area (A-S):-0.005
Peak Height (A): 0.008
Concentration (ug/l): 0.1

Replicate 2 Time: 10:54:56
Peak Area (A-S):-0.002
Peak Height (A): 0.009
Concentration (ug/l): 0.8

Mean Conc. (ug/l): 0.5 SD: 0.51 RSD(%): 105.04

~~~~~~

TL ID: MFQ331 Seq. No.: 19 A/S Pos.: 13 Date: 02-06-1992

Replicate 1 Time: 10:58:17
Peak Area (A-S): 0.011
Peak Height (A): 0.012
Concentration (ug/l): 3.8

Replicate 2 Time: 11:01:01
Peak Area (A-S): 0.008
Peak Height (A): 0.012
Concentration (ug/l): 3.0

Mean Conc. (ug/l): 3.4 SD: 0.58 RSD(%): 16.92

~~~~~~

TL ID: MFQ331A Seq. No.: 20 A/S Pos.: 13 Date: 02-06-1992

Replicate 1 Time: 11:04:23
Peak Area (A-S): 0.071
Peak Height (A): 0.080
Concentration (ug/l): 23.2

Replicate 2 Time: 11:07:07
Peak Area (A-S): 0.066
Peak Height (A): 0.077
Concentration (ug/l): 21.3

Mean Conc. (ug/l): 22.3 SD: 1.32 RSD(%): 5.94

Recovery is 94.27%

~~~~~~

TL ID: MFQ332 Seq. No.: 21 A/S Pos.: 14 Date: 02-06-1992

Replicate 1 Time: 11:10:30
Peak Area (A-S):-0.000
Peak Height (A): 0.011
Concentration (ug/l): 1.2

Replicate 2 Time: 11:13:15
Peak Area (A-S): 0.004
Peak Height (A): 0.009
Concentration (ug/l): 2.3

Mean Conc. (ug/l): 1.8 SD: 0.71 RSD(%): 40.65

~~~~~~

TL ID: MFQ332A Seq. No.: 22 A/S Pos.: 14 Date: 02-06-1992

Replicate 1 Time: 11:16:36
Peak Area (A-S): 0.061
Peak Height (A): 0.074
Concentration (ug/l): 19.2

Replicate 2 Time: 11:19:20
Peak Area (A-S): 0.057
Peak Height (A): 0.075
Concentration (ug/l): 17.9

Mean Conc. (ug/l): 18.6 SD: 0.96 RSD(%): 5.20

Recovery is 84.06%

~~~~~~

TL ID: MFQ333 Seq. No.: 23 A/S Pos.: 15 Date: 02-06-1992

Replicate 1 Time: 11:22:43
Peak Area (A-S): 0.004
Peak Height (A): 0.010
Concentration (ug/l): 2.1

Replicate 2 Time: 11:25:28
Peak Area (A-S): 0.008
Peak Height (A): 0.009
Concentration (ug/l): 3.0

Mean Conc. (ug/l): 2.6 SD: 0.65 RSD(%): 25.08

~~~~~~

TL ID: MFQ333A Seq. No.: 24 A/S Pos.: 15 Date: 02-06-1992

Replicate 1 Time: 11:28:49
Peak Area (A-S): 0.069
Peak Height (A): 0.079
Concentration (ug/l): 22.6

Replicate 2 Time: 11:31:34
Peak Area (A-S): 0.062
Peak Height (A): 0.080
Concentration (ug/l): 19.6

Mean Conc. (ug/l): 21.1 SD: 2.10 RSD(%): 9.95

Recovery is 92.73%

~~~~~~

TL ID: MFQ334 Seq. No.: 25 A/S Pos.: 16 Date: 02-06-1992

Replicate 1 Time: 11:34:58
Peak Area (A-S): 0.002
Peak Height (A): 0.010
Concentration (ug/l): 1.6

Replicate 2 Time: 11:37:42
Peak Area (A-S): 0.002
Peak Height (A): 0.011
Concentration (ug/l): 1.7

Mean Conc. (ug/l): 1.7 SD: 0.04 RSD(%): 2.50

~~~~~~

TL ID: MFQ334A Seq. No.: 26 A/S Pos.: 16 Date: 02-06-1992

Replicate 1 Time: 11:41:03
Peak Area (A-S): 0.070
Peak Height (A): 0.078
Concentration (ug/l): 22.7

Replicate 2 Time: 11:43:47
Peak Area (A-S): 0.067
Peak Height (A): 0.079
Concentration (ug/l): 21.8

Mean Conc. (ug/l): 22.3 SD: 0.64 RSD(%): 2.87

Recovery is 103.05%

~~~~~~

TL ID: MFQ334D Seq. No.: 27 A/S Pos.: 17 Date: 02-06-1992

Replicate 1 Time: 11:47:10
Peak Area (A-S): 0.001
Peak Height (A): 0.009
Concentration (ug/l): 1.4

Replicate 2 Time: 11:49:55
Peak Area (A-S): 0.005
Peak Height (A): 0.009
Concentration (ug/l): 2.4

Mean Conc. (ug/l): 1.9 SD: 0.65 RSD(%): 34.39

~~~~~~

TL ID: MFQ334DA Seq. No.: 28 A/S Pos.: 17 Date: 02-06-1992

Replicate 1 Time: 11:53:17
Peak Area (A-S): 0.071
Peak Height (A): 0.079
Concentration (ug/l): 23.2

Replicate 2 Time: 11:56:01
Peak Area (A-S): 0.072
Peak Height (A): 0.080
Concentration (ug/l): 23.6

Mean Conc. (ug/l): 23.4 SD: 0.29 RSD(%): 1.23

Recovery is 107.52%
~~~~~~

TL ID: CCV Seq. No.: 29 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 11:59:24
Peak Area (A-S): 0.128
Peak Height (A): 0.111
Concentration (ug/l): 50.2

Replicate 2 Time: 12:02:09
Peak Area (A-S): 0.125
Peak Height (A): 0.107
Concentration (ug/l): 48.6

Mean Conc. (ug/l): 49.4 SD: 1.11 RSD(%): 2.24

~~~~~~

TL ID: CCB Seq. No.: 30 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 12:05:29
Peak Area (A-S):-0.004
Peak Height (A): 0.010
Concentration (ug/l): 0.5

Replicate 2 Time: 12:08:14
Peak Area (A-S):-0.002
Peak Height (A): 0.008
Concentration (ug/l): 0.7

Mean Conc. (ug/l): 0.6 SD: 0.17 RSD(%): 28.48

~~~~~~

TL ID: MFQ334S Seq. No.: 31 A/S Pos.: 18 Date: 02-06-1992

Replicate 1 Time: 12:11:35
Peak Area (A-S): 0.137
Peak Height (A): 0.142
Concentration (ug/l): 55.3

Replicate 2 Time: 12:14:19
Peak Area (A-S): 0.140
Peak Height (A): 0.138
Concentration (ug/l): 56.9

```
Mean Conc. (ug/l):   56.1           SD:    1.16            RSD(%):    2.08
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
TL     ID: MFQ335          Seq. No.:   32    A/S Pos.: 19   Date: 02-06-1992

Replicate 1                           Time: 12:17:40
Peak Area (A-S):-0.001
Peak Height (A): 0.008
Concentration (ug/l):    0.9

Replicate 2                           Time: 12:20:25
Peak Area (A-S):-0.001
Peak Height (A): 0.007
Concentration (ug/l):    1.1

Mean Conc. (ug/l):    1.0           SD:    0.13            RSD(%):   12.18
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
TL     ID: MFQ335A         Seq. No.:   33    A/S Pos.: 19   Date: 02-06-1992

Replicate 1                           Time: 12:23:45
Peak Area (A-S): 0.064
Peak Height (A): 0.074
Concentration (ug/l):   20.5

Replicate 2                           Time: 12:26:30
Peak Area (A-S): 0.068
Peak Height (A): 0.075
Concentration (ug/l):   22.1

Mean Conc. (ug/l):   21.3           SD:    1.15            RSD(%):    5.41

Recovery is 101.35%
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
TL     ID: MFQ336          Seq. No.:   34    A/S Pos.: 20   Date: 02-06-1992

Replicate 1                           Time: 12:29:53
Peak Area (A-S): 0.008
Peak Height (A): 0.014
Concentration (ug/l):    3.1

Replicate 2                           Time: 12:32:38
Peak Area (A-S): 0.002
Peak Height (A): 0.014
Concentration (ug/l):    1.8

Mean Conc. (ug/l):    2.4           SD:    0.91            RSD(%):   37.84
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
TL     ID: MFQ336A         Seq. No.:   35    A/S Pos.: 20   Date: 02-06-1992

Replicate 1                           Time: 12:35:58
Peak Area (A-S): 0.074
Peak Height (A): 0.082
Concentration (ug/l):   24.3

Replicate 2                           Time: 12:38:43
Peak Area (A-S): 0.072
Peak Height (A): 0.085
Concentration (ug/l):   23.7
```

Mean Conc. (ug/l): 24.0 SD: 0.47 RSD(%): 1.95

Recovery is 107.85%

~~~~~~

TL ID: MFQ337 Seq. No.: 36 A/S Pos.: 21 Date: 02-06-1992

Replicate 1 Time: 12:42:07
Peak Area (A-S): 0.000
Peak Height (A): 0.008
Concentration (ug/l): 1.3

Replicate 2 Time: 12:44:51
Peak Area (A-S):-0.000
Peak Height (A): 0.007
Concentration (ug/l): 1.2

Mean Conc. (ug/l): 1.3 SD: 0.06 RSD(%): 4.96

~~~~~~

TL ID: MFQ337A Seq. No.: 37 A/S Pos.: 21 Date: 02-06-1992

Replicate 1 Time: 12:48:12
Peak Area (A-S): 0.068
Peak Height (A): 0.080
Concentration (ug/l): 22.0

Replicate 2 Time: 12:50:56
Peak Area (A-S): 0.068
Peak Height (A): 0.081
Concentration (ug/l): 22.0

Mean Conc. (ug/l): 22.0 SD: 0.05 RSD(%): 0.24

Recovery is 103.56%

~~~~~~

TL ID: MFQ338 Seq. No.: 38 A/S Pos.: 22 Date: 02-06-1992

Replicate 1 Time: 12:54:20
Peak Area (A-S): 0.005
Peak Height (A): 0.009
Concentration (ug/l): 2.5

Replicate 2 Time: 12:57:04
Peak Area (A-S): 0.004
Peak Height (A): 0.011
Concentration (ug/l): 2.1

Mean Conc. (ug/l): 2.3 SD: 0.28 RSD(%): 12.09

~~~~~~

TL ID: MFQ338A Seq. No.: 39 A/S Pos.: 22 Date: 02-06-1992

Replicate 1 Time: 13:00:25
Peak Area (A-S): 0.069
Peak Height (A): 0.080
Concentration (ug/l): 22.7

Replicate 2 Time: 13:03:10
Peak Area (A-S): 0.070
Peak Height (A): 0.079

Concentration (ug/l): 22.8

Mean Conc. (ug/l): 22.7 SD: 0.10 RSD(%): 0.45

Recovery is 102.30%

~~~~~~

TL ID: CCV Seq. No.: 40 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 13:06:34
Peak Area (A-S): 0.121
Peak Height (A): 0.105
Concentration (ug/l): 46.8

Replicate 2 Time: 13:09:18
Peak Area (A-S): 0.119
Peak Height (A): 0.104
Concentration (ug/l): 45.4

Mean Conc. (ug/l): 46.1 SD: 0.95 RSD(%): 2.07

~~~~~~

TL ID: CCB Seq. No.: 41 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 13:12:39
Peak Area (A-S):-0.003
Peak Height (A): 0.008
Concentration (ug/l): 0.7

Replicate 2 Time: 13:15:23
Peak Area (A-S):-0.004
Peak Height (A): 0.008
Concentration (ug/l): 0.5

Mean Conc. (ug/l): 0.6 SD: 0.15 RSD(%): 24.99

~~~~~~

TL ID: MFQ339 Seq. No.: 42 A/S Pos.: 23 Date: 02-06-1992

Replicate 1 Time: 13:18:44
Peak Area (A-S): 0.003
Peak Height (A): 0.009
Concentration (ug/l): 2.0

Replicate 2 Time: 13:21:28
Peak Area (A-S): 0.004
Peak Height (A): 0.009
Concentration (ug/l): 2.2

Mean Conc. (ug/l): 2.1 SD: 0.16 RSD(%): 7.71

~~~~~~

TL ID: MFQ339A Seq. No.: 43 A/S Pos.: 23 Date: 02-06-1992

Replicate 1 Time: 13:24:49
Peak Area (A-S): 0.071
Peak Height (A): 0.081
Concentration (ug/l): 23.2

Replicate 2 Time: 13:27:34
Peak Area (A-S): 0.072
Peak Height (A): 0.084

Concentration (ug/l): 23.5

Mean Conc. (ug/l): 23.4 SD: 0.27 RSD(%): 1.14

Recovery is 106.15%

~~~~~~

TL ID: MFQ340 Seq. No.: 44 A/S Pos.: 24 Date: 02-06-1992

Replicate 1 Time: 13:30:58
Peak Area (A-S): 0.007
Peak Height (A): 0.012
Concentration (ug/l): 2.9

Replicate 2 Time: 13:33:42
Peak Area (A-S):-0.001
Peak Height (A): 0.009
Concentration (ug/l): 1.1

Mean Conc. (ug/l): 2.0 SD: 1.29 RSD(%): 65.08

~~~~~~

TL ID: MFQ340A Seq. No.: 45 A/S Pos.: 24 Date: 02-06-1992

Replicate 1 Time: 13:37:03
Peak Area (A-S): 0.068
Peak Height (A): 0.081
Concentration (ug/l): 22.3

Replicate 2 Time: 13:39:47
Peak Area (A-S): 0.071
Peak Height (A): 0.084
Concentration (ug/l): 23.5

Mean Conc. (ug/l): 22.9 SD: 0.83 RSD(%): 3.63

Recovery is 104.54%

~~~~~~

TL ID: PBW Seq. No.: 46 A/S Pos.: 25 Date: 02-06-1992

Replicate 1 Time: 13:43:10
Peak Area (A-S):-0.005
Peak Height (A): 0.007
Concentration (ug/l): 0.2

Replicate 2 Time: 13:45:55
Peak Area (A-S):-0.003
Peak Height (A): 0.008
Concentration (ug/l): 0.6

Mean Conc. (ug/l): 0.4 SD: 0.31 RSD(%): 78.55

~~~~~~

TL ID: PBWA Seq. No.: 47 A/S Pos.: 25 Date: 02-06-1992

Replicate 1 Time: 13:49:15
Peak Area (A-S): 0.060
Peak Height (A): 0.056
Concentration (ug/l): 19.1

Replicate 2 Time: 13:52:00
Peak Area (A-S): 0.058

Peak Height (A): 0.053
Concentration (ug/l): 18.4

Mean Conc. (ug/l): 18.8 SD: 0.49 RSD(%): 2.64

Recovery is 91.83%

~~~~~~

TL ID: LCSW Seq. No.: 48 A/S Pos.: 26 Date: 02-06-1992

Replicate 1 Time: 13:55:24
Peak Area (A-S): 0.124
Peak Height (A): 0.096
Concentration (ug/l): 47.9

Replicate 2 Time: 13:58:08
Peak Area (A-S): 0.128
Peak Height (A): 0.095
Concentration (ug/l): 50.3

Mean Conc. (ug/l): 49.1 SD: 1.65 RSD(%): 3.36

~~~~~~

TL ID: LCSWA Seq. No.: 49 A/S Pos.: 26 Date: 02-06-1992

Replicate 1 Time: 14:01:29
Peak Area (A-S): 0.163
Peak Height (A): 0.125
Concentration (ug/l): 71.0

Replicate 2 Time: 14:04:13
Peak Area (A-S): 0.162
Peak Height (A): 0.129
Concentration (ug/l): 70.7

Mean Conc. (ug/l): 70.8 SD: 0.17 RSD(%): 0.24

Recovery is 108.69%

~~~~~~

TL ID: ~~MBBE97~~ MBBE97 Seq. No.: 50 A/S Pos.: 27 Date: 02-06-1992

Replicate 1 Time: 14:07:36
Peak Area (A-S):-0.005
Peak Height (A): 0.008
Concentration (ug/l): 0.3

Replicate 2 Time: 14:10:21
Peak Area (A-S):-0.004
Peak Height (A): 0.008
Concentration (ug/l): 0.4

Mean Conc. (ug/l): 0.4 SD: 0.11 RSD(%): 30.80

~~~~~~

TL ID: ~~MBBE97A~~ MBBE97A Seq. No.: 51 A/S Pos.: 27 Date: 02-06-1992

Replicate 1 Time: 14:13:42
Peak Area (A-S): 0.047
Peak Height (A): 0.045
Concentration (ug/l): 14.4

Replicate 2 Time: 14:16:26

Peak Area (A-S): 0.045
Peak Height (A): 0.046
Concentration (ug/l): 13.8

Mean Conc. (ug/l): 14.1 SD: 0.40 RSD(%): 2.83

Recovery is 68.83%

~~~~~~

TL ID: CCV Seq. No.: 52 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 14:19:50
Peak Area (A-S): 0.123
Peak Height (A): 0.098
Concentration (ug/l): 47.4

Replicate 2 Time: 14:22:35
Peak Area (A-S): 0.122
Peak Height (A): 0.097
Concentration (ug/l): 47.1

Mean Conc. (ug/l): 47.3 SD: 0.21 RSD(%): 0.44

~~~~~~

TL ID: CCB Seq. No.: 53 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 14:25:55
Peak Area (A-S):-0.004
Peak Height (A): 0.008
Concentration (ug/l): 0.5

Replicate 2 Time: 14:28:40
Peak Area (A-S):-0.003
Peak Height (A): 0.008
Concentration (ug/l): 0.7

Mean Conc. (ug/l): 0.6 SD: 0.14 RSD(%): 23.51

~~~~~~

TL ID: ~~MBBF98~~ MBBE98 Seq. No.: 54 A/S Pos.: 28 Date: 02-06-1992

Replicate 1 Time: 14:32:00
Peak Area (A-S):-0.003
Peak Height (A): 0.008
Concentration (ug/l): 0.7

Replicate 2 Time: 14:34:44
Peak Area (A-S):-0.004
Peak Height (A): 0.009
Concentration (ug/l): 0.4

Mean Conc. (ug/l): 0.5 SD: 0.20 RSD(%): 39.41

~~~~~~

TL ID: ~~MBBF98A~~ MBBE98A Seq. No.: 55 A/S Pos.: 28 Date: 02-06-1992

Replicate 1 Time: 14:38:05
Peak Area (A-S): 0.044
Peak Height (A): 0.043
Concentration (ug/l): 13.4

Replicate 2 Time: 14:40:50

Peak Area (A-S): 0.046
Peak Height (A): 0.046
Concentration (ug/l): 14.2

Mean Conc. (ug/l): 13.8 SD: 0.56 RSD(%): 4.05

Recovery is 66.34%

~~~~~~

TL ID: ~~MBBF99~~ MBBE99 Seq. No.: 56 A/S Pos.: 29 Date: 02-06-1992

Replicate 1 Time: 14:44:14
Peak Area (A-S): -0.003
Peak Height (A): 0.009
Concentration (ug/l): 0.7

Replicate 2 Time: 14:46:58
Peak Area (A-S): -0.005
Peak Height (A): 0.007
Concentration (ug/l): 0.3

Mean Conc. (ug/l): 0.5 SD: 0.28 RSD(%): 57.31

~~~~~~

TL ID: ~~MBBF99A~~ MBBE99A Seq. No.: 57 A/S Pos.: 29 Date: 02-06-1992

Replicate 1 Time: 14:50:18
Peak Area (A-S): 0.042
Peak Height (A): 0.044
Concentration (ug/l): 12.9

Replicate 2 Time: 14:53:03
Peak Area (A-S): 0.045
Peak Height (A): 0.045
Concentration (ug/l): 13.7

Mean Conc. (ug/l): 13.3 SD: 0.59 RSD(%): 4.40

Recovery is 63.99%

~~~~~~

TL ID: ~~MBBF99D~~ MBBE99D Seq. No.: 58 A/S Pos.: 30 Date: 02-06-1992

Replicate 1 Time: 14:56:26
Peak Area (A-S): -0.006
Peak Height (A): 0.007
Concentration (ug/l): 0.1

Replicate 2 Time: 14:59:11
Peak Area (A-S): -0.003
Peak Height (A): 0.009
Concentration (ug/l): 0.6

Mean Conc. (ug/l): 0.3 SD: 0.33 RSD(%): 105.63

~~~~~~

TL ID: ~~MBBF99DA~~ MBBE99DA Seq. No.: 59 A/S Pos.: 30 Date: 02-06-1992

Replicate 1 Time: 15:02:31
Peak Area (A-S): 0.044
Peak Height (A): 0.042
Concentration (ug/l): 13.5

Replicate 2 Time: 15:05:15
Peak Area (A-S): 0.045
Peak Height (A): 0.044
Concentration (ug/l): 13.6

Mean Conc. (ug/l): 13.6 SD: 0.07 RSD(%): 0.52

Recovery is 66.26%

~~~~~~

TL ID: ~~MBBF998~~ MBBE995 Seq. No.: 60 A/S Pos.: 31 Date: 02-06-1992

Replicate 1 Time: 15:08:40
Peak Area (A-S): 0.107
Peak Height (A): 0.090
Concentration (ug/l): 39.2

Replicate 2 Time: 15:11:24
Peak Area (A-S): 0.107
Peak Height (A): 0.089
Concentration (ug/l): 39.3

Mean Conc. (ug/l): 39.3 SD: 0.07 RSD(%): 0.18

~~~~~~

TL ID: CCV Seq. No.: 61 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 15:14:45
Peak Area (A-S): 0.126
Peak Height (A): 0.099
Concentration (ug/l): 49.5

Replicate 2 Time: 15:17:29
Peak Area (A-S): 0.125
Peak Height (A): 0.107
Concentration (ug/l): 48.8

Mean Conc. (ug/l): 49.2 SD: 0.55 RSD(%): 1.11

~~~~~~

TL ID: CCB Seq. No.: 62 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 15:20:50
Peak Area (A-S):-0.003
Peak Height (A): 0.007
Concentration (ug/l): 0.6

Replicate 2 Time: 15:23:34
Peak Area (A-S):-0.003
Peak Height (A): 0.007
Concentration (ug/l): 0.5

Mean Conc. (ug/l): 0.5 SD: 0.04 RSD(%): 7.99

~~~~~~

TL ID: PBW Seq. No.: 63 A/S Pos.: 1 Date: 02-06-1992

Replicate 1 Time: 15:33:14
Peak Area (A-S):-0.004
Peak Height (A): 0.007
Concentration (ug/l): 0.4

Replicate 2 Time: 15:35:58
Peak Area (A-S):-0.005
Peak Height (A): 0.009
Concentration (ug/l): 0.3

Mean Conc. (ug/l): 0.3 SD: 0.12 RSD(%): 35.91

~~~~~~

TL ID: PBWA Seq. No.: 64 A/S Pos.: 1 Date: 02-06-1992

Replicate 1 Time: 15:39:20
Peak Area (A-S): 0.056
Peak Height (A): 0.051
Concentration (ug/l): 17.6

Replicate 2 Time: 15:42:04
Peak Area (A-S): 0.058
Peak Height (A): 0.051
Concentration (ug/l): 18.4

Mean Conc. (ug/l): 18.0 SD: 0.61 RSD(%): 3.38

Recovery is 88.24%

~~~~~~

TL ID: LCSW Seq. No.: 65 A/S Pos.: 2 Date: 02-06-1992

Replicate 1 Time: 15:45:27
Peak Area (A-S): 0.116
Peak Height (A): 0.106
Concentration (ug/l): 44.2

Replicate 2 Time: 15:48:12
Peak Area (A-S): 0.117
Peak Height (A): 0.104
Concentration (ug/l): 44.7

Mean Conc. (ug/l): 44.5 SD: 0.41 RSD(%): 0.92

~~~~~~

TL ID: LCSWA Seq. No.: 66 A/S Pos.: 2 Date: 02-06-1992

Replicate 1 Time: 15:51:32
Peak Area (A-S): 0.158
Peak Height (A): 0.133
Concentration (ug/l): 67.7

Replicate 2 Time: 15:54:17
Peak Area (A-S): 0.154
Peak Height (A): 0.138
Concentration (ug/l): 65.2

Mean Conc. (ug/l): 66.5 SD: 1.76 RSD(%): 2.65

Recovery is 109.97%

~~~~~~

TL ID: MX3225 Seq. No.: 67 A/S Pos.: 3 Date: 02-06-1992

Replicate 1 Time: 15:57:40
Peak Area (A-S): 0.150
Peak Height (A): 0.138
Concentration (ug/l): 63.1

Replicate 2 Time: 16:00:25
Peak Area (A-S): 0.156
Peak Height (A): 0.137
Concentration (ug/l): 66.4

Mean Conc. (ug/l): 64.8 SD: 2.38 RSD(%): 3.67

~~~~~~

TL ID: MX3225A Seq. No.: 68 A/S Pos.: 3 Date: 02-06-1992

Replicate 1 Time: 16:03:46
Peak Area (A-S): 0.189
Peak Height (A): 0.158
Concentration (ug/l): 88.3

Replicate 2 Time: 16:06:30
Peak Area (A-S): 0.192
Peak Height (A): 0.160
Concentration (ug/l): 90.6

Mean Conc. (ug/l): 89.4 SD: 1.64 RSD(%): 1.83

Recovery is 123.46%

~~~~~~

TL ID: MX3225D Seq. No.: 69 A/S Pos.: 4 Date: 02-06-1992

Replicate 1 Time: 16:09:54
Peak Area (A-S): 0.157
Peak Height (A): 0.135
Concentration (ug/l): 67.3

Replicate 2 Time: 16:12:38
Peak Area (A-S): 0.153
Peak Height (A): 0.137
Concentration (ug/l): 65.2

Mean Conc. (ug/l): 66.2 SD: 1.52 RSD(%): 2.30

~~~~~~

TL ID: MX3225DA Seq. No.: 70 A/S Pos.: 4 Date: 02-06-1992

Replicate 1 Time: 16:15:59
Peak Area (A-S): 0.189
Peak Height (A): 0.153
Concentration (ug/l): 88.6

Replicate 2 Time: 16:18:43
Peak Area (A-S): 0.187
Peak Height (A): 0.158
Concentration (ug/l): 87.3

Mean Conc. (ug/l): 87.9 SD: 0.96 RSD(%): 1.09

Recovery is 108.58%

~~~~~~

TL ID: MX3225S Seq. No.: 71 A/S Pos.: 5 Date: 02-06-1992

Replicate 1 Time: 16:22:06
Peak Area (A-S): 0.224
Peak Height (A): 0.169

Concentration (ug/l): 114.7

Replicate 2 Time: 16:24:51
Peak Area (A-S): 0.224
Peak Height (A): 0.169
Concentration (ug/l): 115.0

Mean Conc. (ug/l): 114.9 SD: 0.16 RSD(%): 0.14

~~~~~~

TL ID: CCV Seq. No.: 72 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 16:28:12
Peak Area (A-S): 0.131
Peak Height (A): 0.101
Concentration (ug/l): 52.0

Replicate 2 Time: 16:30:57
Peak Area (A-S): 0.132
Peak Height (A): 0.099
Concentration (ug/l): 52.6

Mean Conc. (ug/l): 52.3 SD: 0.43 RSD(%): 0.83

~~~~~~

TL ID: CCB Seq. No.: 73 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 16:34:17
Peak Area (A-S):-0.002
Peak Height (A): 0.008
Concentration (ug/l): 0.7

Replicate 2 Time: 16:37:02
Peak Area (A-S):-0.003
Peak Height (A): 0.007
Concentration (ug/l): 0.7

Mean Conc. (ug/l): 0.7 SD: 0.01 RSD(%): 0.85

~~~~~~

TL ID: MX3226 Seq. No.: 74 A/S Pos.: 6 Date: 02-06-1992

Replicate 1 Time: 16:40:22
Peak Area (A-S):-0.004
Peak Height (A): 0.009
Concentration (ug/l): 0.4

Replicate 2 Time: 16:43:07
Peak Area (A-S):-0.003
Peak Height (A): 0.010
Concentration (ug/l): 0.6

Mean Conc. (ug/l): 0.5 SD: 0.14 RSD(%): 26.11

~~~~~~

TL ID: MX3226A Seq. No.: 75 A/S Pos.: 6 Date: 02-06-1992

Replicate 1 Time: 16:46:27
Peak Area (A-S): 0.057
Peak Height (A): 0.059
Concentration (ug/l): 17.9

Replicate 2 Time: 16:49:11
Peak Area (A-S): 0.058
Peak Height (A): 0.058
Concentration (ug/l): 18.5

Mean Conc. (ug/l): 18.2 SD: 0.39 RSD(%): 2.17

Recovery is 88.32%
~~~~~~
TL ID: PBS Seq. No.: 76 A/S Pos.: 7 Date: 02-06-1992

Replicate 1 Time: 16:52:35
Peak Area (A-S):-0.002
Peak Height (A): 0.010
Concentration (ug/l): 0.8

Replicate 2 Time: 16:55:20
Peak Area (A-S):-0.006
Peak Height (A): 0.009
Concentration (ug/l): 0.0

Mean Conc. (ug/l): 0.4 SD: 0.56 RSD(%): 137.81

~~~~~~
TL ID: PBSA Seq. No.: 77 A/S Pos.: 7 Date: 02-06-1992

Replicate 1 Time: 16:58:40
Peak Area (A-S): 0.058
Peak Height (A): 0.058
Concentration (ug/l): 18.3

Replicate 2 Time: 17:01:25
Peak Area (A-S): 0.061
Peak Height (A): 0.061
Concentration (ug/l): 19.3

Mean Conc. (ug/l): 18.8 SD: 0.73 RSD(%): 3.89

Recovery is 91.90%
~~~~~~
TL ID: LCSS 1/10 DIL Seq. No.: 78 A/S Pos.: 8 Date: 02-06-1992

Replicate 1 Time: 17:04:48
Peak Area (A-S): 0.059
Peak Height (A): 0.077
Concentration (ug/l): 18.7

Replicate 2 Time: 17:07:32
Peak Area (A-S): 0.059
Peak Height (A): 0.079
Concentration (ug/l): 18.5

Mean Conc. (ug/l): 18.6 SD: 0.12 RSD(%): 0.67

~~~~~~
TL ID: LCSSA 1/10 DIL Seq. No.: 79 A/S Pos.: 8 Date: 02-06-1992

Replicate 1 Time: 17:10:53
Peak Area (A-S): 0.110
Peak Height (A): 0.119

Concentration (ug/l): 41.0

Replicate 2 Time: 17:13:37
Peak Area (A-S): 0.106
Peak Height (A): 0.124
Concentration (ug/l): 39.0

Mean Conc. (ug/l): 40.0 SD: 1.45 RSD(%): 3.62

Recovery is 107.03%

~~~~~~

TL ID: MX3227 Seq. No.: 80 A/S Pos.: 9 Date: 02-06-1992

Replicate 1 Time: 17:17:01
Peak Area (A-S): 0.007
Peak Height (A): 0.014
Concentration (ug/l): 2.8

Replicate 2 Time: 17:19:46
Peak Area (A-S): 0.005
Peak Height (A): 0.012
Concentration (ug/l): 2.5

Mean Conc. (ug/l): 2.6 SD: 0.23 RSD(%): 8.77

~~~~~~

TL ID: MX3227A Seq. No.: 81 A/S Pos.: 9 Date: 02-06-1992

Replicate 1 Time: 17:23:06
Peak Area (A-S): 0.072
Peak Height (A): 0.076
Concentration (ug/l): 23.7

Replicate 2 Time: 17:25:51
Peak Area (A-S): 0.073
Peak Height (A): 0.077
Concentration (ug/l): 24.3

Mean Conc. (ug/l): 24.0 SD: 0.42 RSD(%): 1.74

Recovery is 106.88%

~~~~~~

TL ID: MX3227D Seq. No.: 82 A/S Pos.: 10 Date: 02-06-1992

Replicate 1 Time: 17:29:14
Peak Area (A-S): 0.007
Peak Height (A): 0.013
Concentration (ug/l): 2.7

Replicate 2 Time: 17:31:58
Peak Area (A-S): 0.006
Peak Height (A): 0.014
Concentration (ug/l): 2.6

Mean Conc. (ug/l): 2.7 SD: 0.12 RSD(%): 4.53

~~~~~~

TL ID: MX3227DA Seq. No.: 83 A/S Pos.: 10 Date: 02-06-1992

Replicate 1 Time: 17:35:19
Peak Area (A-S): 0.076

Peak Height (A): 0.077
Concentration (ug/l): 25.3

Replicate 2 Time: 17:38:03
Peak Area (A-S): 0.074
Peak Height (A): 0.075
Concentration (ug/l): 24.4

Mean Conc. (ug/l): 24.9 SD: 0.68 RSD(%): 2.72

Recovery is 110.97%

~~~~~~

TL ID: CCV Seq. No.: 84 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 17:41:27
Peak Area (A-S): 0.122
Peak Height (A): 0.103
Concentration (ug/l): 47.2

Replicate 2 Time: 17:44:12
Peak Area (A-S): 0.126
Peak Height (A): 0.101
Concentration (ug/l): 49.2

Mean Conc. (ug/l): 48.2 SD: 1.46 RSD(%): 3.04

~~~~~~

TL ID: CCB Seq. No.: 85 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 17:47:32
Peak Area (A-S):-0.003
Peak Height (A): 0.008
Concentration (ug/l): 0.6

Replicate 2 Time: 17:50:17
Peak Area (A-S):-0.003
Peak Height (A): 0.009
Concentration (ug/l): 0.6

Mean Conc. (ug/l): 0.6 SD: 0.01 RSD(%): 2.08

~~~~~~

TL ID: MX3227S Seq. No.: 86 A/S Pos.: 11 Date: 02-06-1992

Replicate 1 Time: 17:53:37
Peak Area (A-S): 0.130
Peak Height (A): 0.125
Concentration (ug/l): 51.5

Replicate 2 Time: 17:56:21
Peak Area (A-S): 0.135
Peak Height (A): 0.125
Concentration (ug/l): 54.1

Mean Conc. (ug/l): 52.8 SD: 1.83 RSD(%): 3.47

~~~~~~

TL ID: PBS Seq. No.: 87 A/S Pos.: 12 Date: 02-06-1992

Replicate 1 Time: 17:59:42
Peak Area (A-S):-0.004

Peak Height (A): 0.007
Concentration (ug/l): 0.5

Replicate 2 Time: 18:02:26
Peak Area (A-S):-0.006
Peak Height (A): 0.008
Concentration (ug/l): -0.1

Mean Conc. (ug/l): 0.2 SD: 0.38 RSD(%): 178.76

~~~~~~

TL ID: PBSA Seq. No.: 88 A/S Pos.: 12 Date: 02-06-1992

Replicate 1 Time: 18:05:47
Peak Area (A-S): 0.060
Peak Height (A): 0.061
Concentration (ug/l): 19.0

Replicate 2 Time: 18:08:32
Peak Area (A-S): 0.056
Peak Height (A): 0.058
Concentration (ug/l): 17.7

Mean Conc. (ug/l): 18.4 SD: 0.97 RSD(%): 5.26

Recovery is 90.72%
~~~~~~

TL ID: LCSS 1/10 DIL Seq. No.: 89 A/S Pos.: 13 Date: 02-06-1992

Replicate 1 Time: 18:11:55
Peak Area (A-S): 0.062
Peak Height (A): 0.084
Concentration (ug/l): 19.6

Replicate 2 Time: 18:14:40
Peak Area (A-S): 0.060
Peak Height (A): 0.080
Concentration (ug/l): 19.1

Mean Conc. (ug/l): 19.4 SD: 0.33 RSD(%): 1.68

~~~~~~

TL ID: LCSSA 1/10 DIL Seq. No.: 90 A/S Pos.: 13 Date: 02-06-1992

Replicate 1 Time: 18:18:00
Peak Area (A-S): 0.112
Peak Height (A): 0.126
Concentration (ug/l): 41.8

Replicate 2 Time: 18:20:45
Peak Area (A-S): 0.110
Peak Height (A): 0.122
Concentration (ug/l): 41.0

Mean Conc. (ug/l): 41.4 SD: 0.59 RSD(%): 1.41

Recovery is 110.05%
~~~~~~

TL ID: MHAM34 Seq. No.: 91 A/S Pos.: 14 Date: 02-06-1992

Replicate 1 Time: 18:24:08

Peak Area (A-S): 0.003
Peak Height (A): 0.010
Concentration (ug/l): 2.0

Replicate 2 Time: 18:26:53
Peak Area (A-S):-0.000
Peak Height (A): 0.008
Concentration (ug/l): 1.3

Mean Conc. (ug/l): 1.6 SD: 0.55 RSD(%): 33.40

~~~~~~

TL ID: MHAM34A Seq. No.: 92 A/S Pos.: 14 Date: 02-06-1992

Replicate 1 Time: 18:30:14
Peak Area (A-S): 0.064
Peak Height (A): 0.075
Concentration (ug/l): 20.7

Replicate 2 Time: 18:32:59
Peak Area (A-S): 0.066
Peak Height (A): 0.073
Concentration (ug/l): 21.5

Mean Conc. (ug/l): 21.1 SD: 0.59 RSD(%): 2.81

Recovery is 97.33%

~~~~~~

TL ID: MHAM34D Seq. No.: 93 A/S Pos.: 15 Date: 02-06-1992

Replicate 1 Time: 18:36:22
Peak Area (A-S): 0.001
Peak Height (A): 0.008
Concentration (ug/l): 1.5

Replicate 2 Time: 18:39:06
Peak Area (A-S): 0.002
Peak Height (A): 0.009
Concentration (ug/l): 1.7

Mean Conc. (ug/l): 1.6 SD: 0.16 RSD(%): 9.72

~~~~~~

TL ID: MHAM34DA Seq. No.: 94 A/S Pos.: 15 Date: 02-06-1992

Replicate 1 Time: 18:42:27
Peak Area (A-S): 0.065
Peak Height (A): 0.080
Concentration (ug/l): 20.8

Replicate 2 Time: 18:45:11
Peak Area (A-S): 0.064
Peak Height (A): 0.075
Concentration (ug/l): 20.6

Mean Conc. (ug/l): 20.7 SD: 0.19 RSD(%): 0.90

Recovery is 95.44%

~~~~~~

TL ID: MHAM34S Seq. No.: 95 A/S Pos.: 16 Date: 02-06-1992

Replicate 1 Time: 18:48:35
Peak Area (A-S): 0.129
Peak Height (A): 0.131
Concentration (ug/l): 51.1

Replicate 2 Time: 18:51:19
Peak Area (A-S): 0.129
Peak Height (A): 0.129
Concentration (ug/l): 50.7

Mean Conc. (ug/l): 50.9 SD: 0.27 RSD(%): 0.54

~~~~~~

TL ID: CCV Seq. No.: 96 A/S Pos.: 44 Date: 02-06-1992

Replicate 1 Time: 18:54:40
Peak Area (A-S): 0.120
Peak Height (A): 0.102
Concentration (ug/l): 46.3

Replicate 2 Time: 18:57:25
Peak Area (A-S): 0.120
Peak Height (A): 0.105
Concentration (ug/l): 45.9

Mean Conc. (ug/l): 46.1 SD: 0.31 RSD(%): 0.67

~~~~~~

TL ID: CCB Seq. No.: 97 A/S Pos.: 40 Date: 02-06-1992

Replicate 1 Time: 19:00:46
Peak Area (A-S):-0.003
Peak Height (A): 0.009
Concentration (ug/l): 0.6

Replicate 2 Time: 19:03:30
Peak Area (A-S):-0.004
Peak Height (A): 0.009
Concentration (ug/l): 0.5

Mean Conc. (ug/l): 0.6 SD: 0.07 RSD(%): 12.75

~~~~~~

TL ID: PBW Seq. No.: 98 A/S Pos.: 17 Date: 02-06-1992

Replicate 1 Time: 19:06:51
Peak Area (A-S):-0.005
Peak Height (A): 0.008
Concentration (ug/l): 0.2

END of RUN

Replicate 2 Time: 19:09:35
Peak Area (A-S):-0.001
Peak Height (A): 0.009
Concentration (ug/l): 0.9

Mean Conc. (ug/l): 0.6 SD: 0.52 RSD(%): 91.99

~~~~~~

TL ID: PBWA Seq. No.: 99 A/S Pos.: 17 Date: 02-06-1992

Replicate 1 Time: 19:12:55

Calibration Standards for HG

Values in UG/L : Y Second Order Fit : Y Exponent : 1.00 Replicates : 1

#	Standard Name	Concentration
1	S0	0.00000
2	S0.5	0.50000
3	S1	1.00000
4	S2.5	2.50000
5	S5	5.00000
6	S10	10.00000
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

Calibration for HG 253.700

#	Standard	Date	Time	Signals for Replicates 1	2	3	4
1	S0	02/08/92	14:40:00	0.05000			
2	S0.5	02/08/92	14:42:30	0.50000			
3	S1	02/08/92	14:45:00	0.90000			
4	S2.5	02/08/92	14:47:30	2.30000			
5	S5	02/08/92	14:50:00	3.80000			
6	S10	02/08/92	14:52:30	6.30000			

Manual Raw Data Entry for HG 253.700

#	Lab. Name	Date	Time	Type	Dil	Signals for Replicates 1	2	3	4
1	ICV	02/08/92	14:55:00	0	1.0	3.70000			
2	ICB	02/08/92	14:58:00	0	1.0	0.10000			
3	CRA	02/08/92	14:59:21	0	1.0	0.25000			
4	PBS	02/08/92	15:00:43	0	1.0	0.05000			
5	LCSS	02/08/92	15:02:05	0	10.0	2.30000			
6	2A07-1	02/08/92	15:03:27	0	1.0	0.35000			
7	2A07-1D	02/08/92	15:04:49	0	1.0	0.45000			
8	2A07-1S	02/08/92	15:06:10	0	1.0	1.65000			
9	2A07-2	02/08/92	15:07:32	0	1.0	0.05000			
10	2A07-3	02/08/92	15:08:54	0	1.0	0.10000			
11	2A07-4	02/08/92	15:10:16	0	1.0	0.20000			
12	2A07-5	02/08/92	15:11:38	0	1.0	0.10000			
13	CCV	02/08/92	15:13:00	0	1.0	3.75000			
14	CCB	02/08/92	15:16:00	0	1.0	0.05000			
15	2A07-6	02/08/92	15:17:10	0	1.0	0.05000			
16	2A07-7	02/08/92	15:18:21	0	1.0	0.45000			
17	2A07-8	02/08/92	15:19:32	0	1.0	0.05000			
18	2A07-9	02/08/92	15:20:43	0	1.0	0.20000			
19	2A07-10	02/08/92	15:21:54	0	1.0	0.10000			
20	2A07-11	02/08/92	15:23:05	0	1.0	0.10000			
21	2A07-12	02/08/92	15:24:16	0	1.0	0.80000			
22	2A07-13	02/08/92	15:25:27	0	1.0	1.15000			
23	2A07-14	02/08/92	15:26:38	0	1.0	0.05000			
24	2A07-15	02/08/92	15:27:49	0	1.0	0.05000			
25	CCV	02/08/92	15:29:00	0	1.0	3.50000			
26	CCB	02/08/92	15:32:00	0	1.0	0.05000			
27	2A07-16	02/08/92	15:33:05	0	1.0	0.05000			
28	2A07-17	02/08/92	15:34:10	0	1.0	0.05000			
29	2A07-18	02/08/92	15:35:16	0	1.0	0.05000			
30	2A07-19	02/08/92	15:36:21	0	1.0	0.10000			
31	2A07-20	02/08/92	15:37:27	0	1.0	0.35000			
32	PBS	02/08/92	15:38:32	0	1.0	0.10000			
33	LCSS	02/08/92	15:39:38	0	10.0	2.15000			
34	2A17-1	02/08/92	15:40:43	0	1.0	0.05000			
35	2A17-2	02/08/92	15:41:49	0	1.0	0.05000			
36	2A17-3	02/08/92	15:42:54	0	1.0	0.05000			
37	CCV	02/08/92	15:44:00	0	1.0	3.65000			
38	CCB	02/08/92	15:47:00	0	1.0	0.05000			
39	2A17-4	02/08/92	15:48:00	0	1.0	0.10000			
40	2A17-5	02/08/92	15:49:00	0	1.0	0.05000			
41	2A17-6	02/08/92	15:50:00	0	1.0	0.05000			
42	2A17-7	02/08/92	15:51:00	0	1.0	0.05000			
43	2A17-8	02/08/92	15:52:00	0	1.0	0.15000			
44	2A17-9	02/08/92	15:53:00	0	1.0	0.65000			
45	2A17-10	02/08/92	15:54:00	0	1.0	0.05000			
46	2A17-11	02/08/92	15:55:00	0	1.0	0.05000			
47	2A17-12	02/08/92	15:56:00	0	1.0	0.05000			
48	2A17-13	02/08/92	15:57:00	0	1.0	0.05000			
49	CCV	02/08/92	15:58:00	0	1.0	3.70000			
50	CCB	02/08/92	16:01:00	0	1.0	0.05000			
51	2A17-14	02/08/92	16:02:00	0	1.0	0.10000			
52	2A17-14D	02/08/92	16:03:00	0	1.0	0.20000			
53	2A17-14S	02/08/92	16:04:00	0	1.0	1.05000			
54	2A17-15	02/08/92	16:05:00	0	1.0	0.05000			
55	2A17-16	02/08/92	16:06:00	0	1.0	0.05000			
56	2A17-17	02/08/92	16:07:00	0	1.0	0.05000			

57	2A17-18	02/08/92	16:08:00	0	1.0	0.05000
58	2A17-19	02/08/92	16:09:00	0	1.0	0.05000
59	2A17-20	02/08/92	16:10:00	0	1.0	0.05000
60	CCV	02/08/92	16:11:00	0	1.0	4.05000
61	CCB	02/08/92	16:14:00	0	1.0	0.05000
62	PBS	02/08/92	16:15:43	0	1.0	0.05000
63	LCSS	02/08/92	16:17:27	0	10.0	2.10000
64	2A15-3	02/08/92	16:19:10	0	1.0	0.25000
65	2A15-3D	02/08/92	16:20:54	0	1.0	0.25000
66	2A15-3S	02/08/92	16:22:38	0	1.0	1.20000
67	PBS	02/08/92	16:24:21	0	1.0	0.10000
68	LCSS	02/08/92	16:26:05	0	10.0 ~~1.0~~	2.30000
69	2A15-3	02/08/92	16:27:49	0	1.0	0.25000
70	2A15-3D	02/08/92	16:29:32	0	1.0	0.30000
71	2A15-3S	02/08/92	16:31:16	0	1.0	1.15000
72	CCV	02/08/92	16:33:00	0	1.0	3.95000
73	CCB	02/08/92	16:36:00	0	1.0	0.05000

Calculated Data for HG 253.700

	A0	A1	A2	Exponent
Calibration Coefficients :	0.06360	0.90848	-0.02862	1.00

#	Lab. Name	Date	Time	Type	Dil	Concentration in UG/L 1	2	3	4
1	ICV	02/08/92	14:55:00	0	1.0	4.6982			
2	ICB	02/08/92	14:58:00	0	1.0	0.0401			
3	CRA	02/08/92	14:59:21	0	1.0	0.2065			
4	PBS	02/08/92	15:00:43	0	1.0	-0.0150			
5	LCSS	02/08/92	15:02:05	0	10.0	2.6896			
6	2A07-1	02/08/92	15:03:27	0	1.0	0.3184			
7	2A07-1D	02/08/92	15:04:49	0	1.0	0.4312			
8	2A07-1S	02/08/92	15:06:10	0	1.0	1.8546			
9	2A07-2	02/08/92	15:07:32	0	1.0	-0.0150			
10	2A07-3	02/08/92	15:08:54	0	1.0	0.0401			
11	2A07-4	02/08/92	15:10:16	0	1.0	0.1509			
12	2A07-5	02/08/92	15:11:38	0	1.0	0.0401			
13	CCV	02/08/92	15:13:00	0	1.0	4.7767			
14	CCB	02/08/92	15:16:00	0	1.0	-0.0150			
15	2A07-6	02/08/92	15:17:10	0	1.0	-0.0150			
16	2A07-7	02/08/92	15:18:21	0	1.0	0.4312			
17	2A07-8	02/08/92	15:19:32	0	1.0	-0.0150			
18	2A07-9	02/08/92	15:20:43	0	1.0	0.1509			
19	2A07-10	02/08/92	15:21:54	0	1.0	0.0401			
20	2A07-11	02/08/92	15:23:05	0	1.0	0.0401			
21	2A07-12	02/08/92	15:24:16	0	1.0	0.8324			
22	2A07-13	02/08/92	15:25:27	0	1.0	1.2446			
23	2A07-14	02/08/92	15:26:38	0	1.0	-0.0150			
24	2A07-15	02/08/92	15:27:49	0	1.0	-0.0150			
25	CCV	02/08/92	15:29:00	0	1.0	4.3897			
26	CCB	02/08/92	15:32:00	0	1.0	-0.0150			
27	2A07-16	02/08/92	15:33:05	0	1.0	-0.0150			
28	2A07-17	02/08/92	15:34:10	0	1.0	-0.0150			
29	2A07-18	02/08/92	15:35:16	0	1.0	-0.0150			
30	2A07-19	02/08/92	15:36:21	0	1.0	0.0401			
31	2A07-20	02/08/92	15:37:27	0	1.0	0.3184			
32	PBS	02/08/92	15:38:32	0	1.0	0.0401			
33	LCSS	02/08/92	15:39:38	0	10.0	2.4923			
34	2A17-1	02/08/92	15:40:43	0	1.0	-0.0150			
35	2A17-2	02/08/92	15:41:49	0	1.0	-0.0150			
36	2A17-3	02/08/92	15:42:54	0	1.0	-0.0150			
37	CCV	02/08/92	15:44:00	0	1.0	4.6203			
38	CCB	02/08/92	15:47:00	0	1.0	-0.0150			
39	2A17-4	02/08/92	15:48:00	0	1.0	0.0401			
40	2A17-5	02/08/92	15:49:00	0	1.0	-0.0150			
41	2A17-6	02/08/92	15:50:00	0	1.0	-0.0150			
42	2A17-7	02/08/92	15:51:00	0	1.0	-0.0150			
43	2A17-8	02/08/92	15:52:00	0	1.0	0.0954			
44	2A17-9	02/08/92	15:53:00	0	1.0	0.6592			
45	2A17-10	02/08/92	15:54:00	0	1.0	-0.0150			
46	2A17-11	02/08/92	15:55:00	0	1.0	-0.0150			
47	2A17-12	02/08/92	15:56:00	0	1.0	-0.0150			
48	2A17-13	02/08/92	15:57:00	0	1.0	-0.0150			
49	CCV	02/08/92	15:58:00	0	1.0	4.6982			
50	CCB	02/08/92	16:01:00	0	1.0	-0.0150			
51	2A17-14	02/08/92	16:02:00	0	1.0	0.0401			
52	2A17-14D	02/08/92	16:03:00	0	1.0	0.1509			

53	2A17-14S	02/08/92	16:04:00	0	1.0	1.1257
54	2A17-15	02/08/92	16:05:00	0	1.0	-0.0150
55	2A17-16	02/08/92	16:06:00	0	1.0	-0.0150
56	2A17-17	02/08/92	16:07:00	0	1.0	-0.0150
57	2A17-18	02/08/92	16:08:00	0	1.0	-0.0150
58	2A17-19	02/08/92	16:09:00	0	1.0	-0.0150
59	2A17-20	02/08/92	16:10:00	0	1.0	-0.0150
60	CCV	02/08/92	16:11:00	0	1.0	5.2596
61	CCB	02/08/92	16:14:00	0	1.0	-0.0150
62	PBS	02/08/92	16:15:43	0	1.0	-0.0150
63	LCSS	02/08/92	16:17:27	0	10.0	2.4272
64	2A15-3	02/08/92	16:19:10	0	1.0	0.2065
65	2A15-3D	02/08/92	16:20:54	0	1.0	0.2065
66	2A15-3S	02/08/92	16:22:38	0	1.0	1.3045
67	PBS	02/08/92	16:24:21	0	1.0	0.0401
68	LCSS	02/08/92	16:26:05	0	10.0 ~~1.0~~	2.6896
69	2A15-3	02/08/92	16:27:49	0	1.0	0.2065
70	2A15-3D	02/08/92	16:29:32	0	1.0	0.2624
71	2A15-3S	02/08/92	16:31:16	0	1.0	1.2446
72	CCV	02/08/92	16:33:00	0	1.0	5.0962
73	CCB	02/08/92	16:36:00	0	1.0	-0.0150

File : 2A07HG.WSL

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Instrument Type	Matrix	Dil.	Date	Time	Flags
1	S0	S0	3			02/08/92	14:40:00	
2	S0.5	S0.5	3			02/08/92	14:42:30	
3	S1	S1	3			02/08/92	14:45:00	
4	S2.5	S2.5	3			02/08/92	14:47:30	
5	S5	S5	3			02/08/92	14:50:00	
6	S10	S10	3			02/08/92	14:52:30	
7	ICV	ICV	0		1.0	02/08/92	14:55:00	
8	ICB	ICB	0		1.0	02/08/92	14:58:00	
9	CRA	CRA	0		1.0	02/08/92	14:59:21	
10	PBS	PBS	0		1.0	02/08/92	15:00:43	
11	LCSS	LCSS	0		10.0	02/08/92	15:02:05	
12	2A07-1	MEBV90	0		1.0	02/08/92	15:03:27	
13	2A07-1D	MEBV90D	0		1.0	02/08/92	15:04:49	
14	2A07-1S	MEBV90S	0		1.0	02/08/92	15:06:10	
15	2A07-2	MEBV91	0		1.0	02/08/92	15:07:32	
16	2A07-3	MEBV92	0		1.0	02/08/92	15:08:54	
17	2A07-4	MEBV97	0		1.0	02/08/92	15:10:16	
18	2A07-5	MEBV98	0		1.0	02/08/92	15:11:38	
19	CCV	CCV	0		1.0	02/08/92	15:13:00	
20	CCB	CCB	0		1.0	02/08/92	15:16:00	
21	2A07-6	MEQA11	0		1.0	02/08/92	15:17:10	
22	2A07-7	MEBV68	0		1.0	02/08/92	15:18:21	
23	2A07-8	MEBV70	0		1.0	02/08/92	15:19:32	
24	2A07-9	MEBV72	0		1.0	02/08/92	15:20:43	
25	2A07-10	MEBV73	0		1.0	02/08/92	15:21:54	
26	2A07-11	MEBV74	0		1.0	02/08/92	15:23:05	
27	2A07-12	MEBV78	0		1.0	02/08/92	15:24:16	
28	2A07-13	MEBV71	0		1.0	02/08/92	15:25:27	
29	2A07-14	MEBV80	0		1.0	02/08/92	15:26:38	
30	2A07-15	MEBV81	0		1.0	02/08/92	15:27:49	
31	CCV	CCV	0		1.0	02/08/92	15:29:00	
32	CCB	CCB	0		1.0	02/08/92	15:32:00	
33	2A07-16	MEBV82	0		1.0	02/08/92	15:33:05	
34	2A07-17	MEBV84	0		1.0	02/08/92	15:34:10	
35	2A07-18	MEBV86	0		1.0	02/08/92	15:35:16	
36	2A07-19	MEQA12	0		1.0	02/08/92	15:36:21	
37	2A07-20	MEBV85	0		1.0	02/08/92	15:37:27	
38	PBS	PBS	0		1.0	02/08/92	15:38:32	
39	LCSS	LCSS	0		10.0	02/08/92	15:39:38	
40	2A17-1	MFQ311	0		1.0	02/08/92	15:40:43	
41	2A17-2	MFQ312	0		1.0	02/08/92	15:41:49	
42	2A17-3	MFQ313	0		1.0	02/08/92	15:42:54	
43	CCV	CCV	0		1.0	02/08/92	15:44:00	
44	CCB	CCB	0		1.0	02/08/92	15:47:00	
45	2A17-4	MFQ314	0		1.0	02/08/92	15:48:00	
46	2A17-5	MFQ324	0		1.0	02/08/92	15:49:00	
47	2A17-6	MFQ326	0		1.0	02/08/92	15:50:00	
48	2A17-7	MFQ327	0		1.0	02/08/92	15:51:00	
49	2A17-8	MFQ328	0		1.0	02/08/92	15:52:00	
50	2A17-9	MFQ329	0		1.0	02/08/92	15:53:00	
51	2A17-10	MFQ330	0		1.0	02/08/92	15:54:00	
52	2A17-11	MFQ331	0		1.0	02/08/92	15:55:00	
53	2A17-12	MFQ332	0		1.0	02/08/92	15:56:00	
54	2A17-13	MFQ333	0		1.0	02/08/92	15:57:00	
55	CCV	CCV	0		1.0	02/08/92	15:58:00	

56	CCB	CCB	0	1.0	02/08/92	16:01:00
57	2A17-14	MFQ334	0	1.0	02/08/92	16:02:00
58	2A17-14D	MFQ334D	0	1.0	02/08/92	16:03:00
59	2A17-14S	MFQ334S	0	1.0	02/08/92	16:04:00
60	2A17-15	MFQ335	0	1.0	02/08/92	16:05:00
61	2A17-16	MFQ336	0	1.0	02/08/92	16:06:00
62	2A17-17	MFQ337	0	1.0	02/08/92	16:07:00
63	2A17-18	MFQ338	0	1.0	02/08/92	16:08:00
64	2A17-19	MFQ339	0	1.0	02/08/92	16:09:00
65	2A17-20	MFQ340	0	1.0	02/08/92	16:10:00
66	CCV	CCV	0	1.0	02/08/92	16:11:00
67	CCB	CCB	0	1.0	02/08/92	16:14:00
68	PBS	PBS	0	1.0	02/08/92	16:15:43
69	LCSS	LCSS	0	10.0	02/08/92	16:17:27
70	2A15-3	MX3227	0	1.0	02/08/92	16:19:10
71	2A15-3D	MX3227D	0	1.0	02/08/92	16:20:54
72	2A15-3S	MX3227S	0	1.0	02/08/92	16:22:38
73	PBS	PBS	0	1.0	02/08/92	16:24:21
74	LCSS	LCSS	0	10.0	02/08/92	16:26:05
75	2A15-3	MX3227	0	1.0	02/08/92	16:27:49
76	2A15-3D	MX3227D	0	1.0	02/08/92	16:29:32
77	2A15-3S	MX3227S	0	1.0	02/08/92	16:31:16
78	CCV	CCV	0	1.0	02/08/92	16:33:00
79	CCB	CCB	0	1.0	02/08/92	16:36:00

EPA-CLP Hg in soil

R.L. Kell 020892 Ronald [illegible]

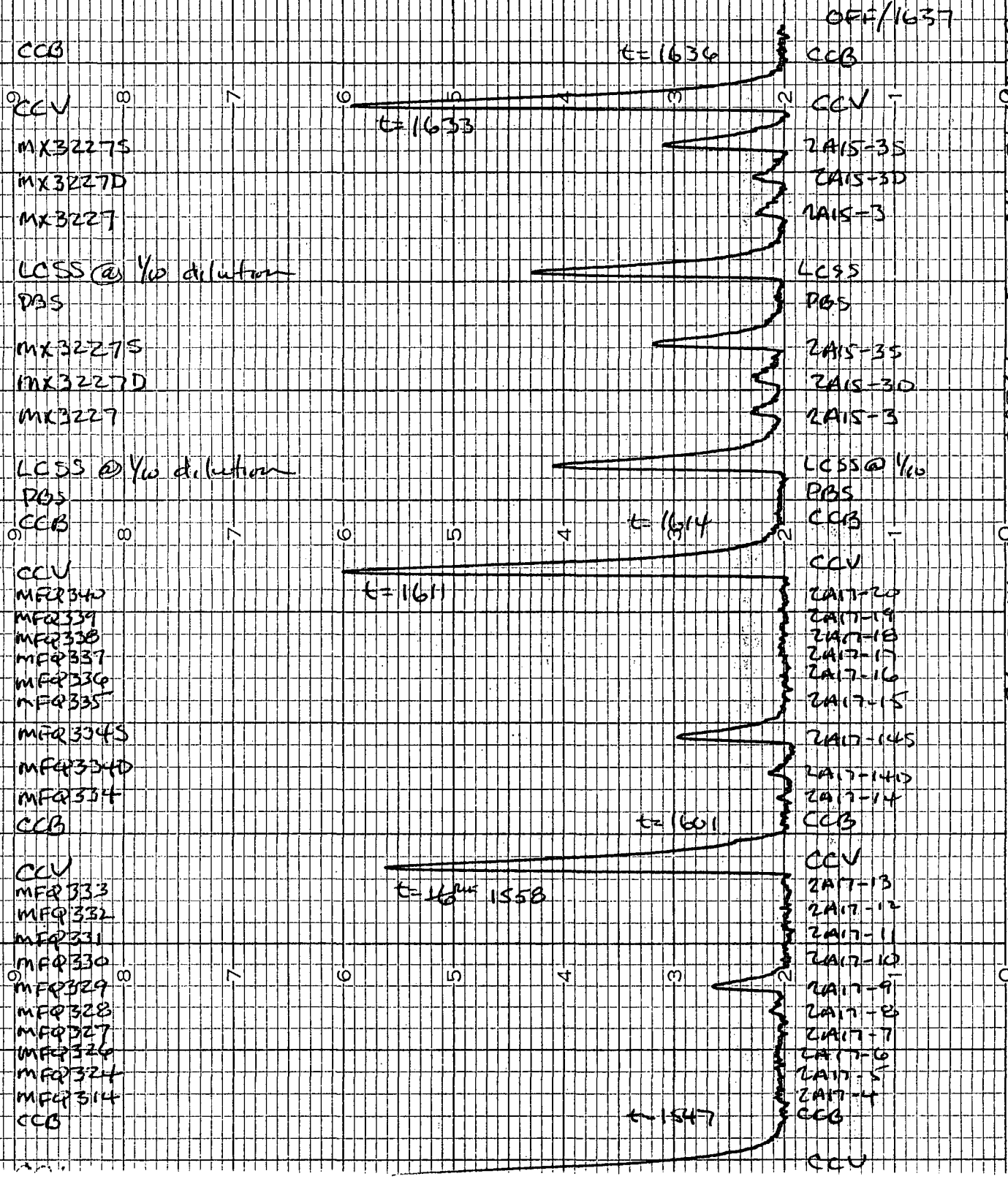
JOB 2A07 SDG # MEBV90 20 soils

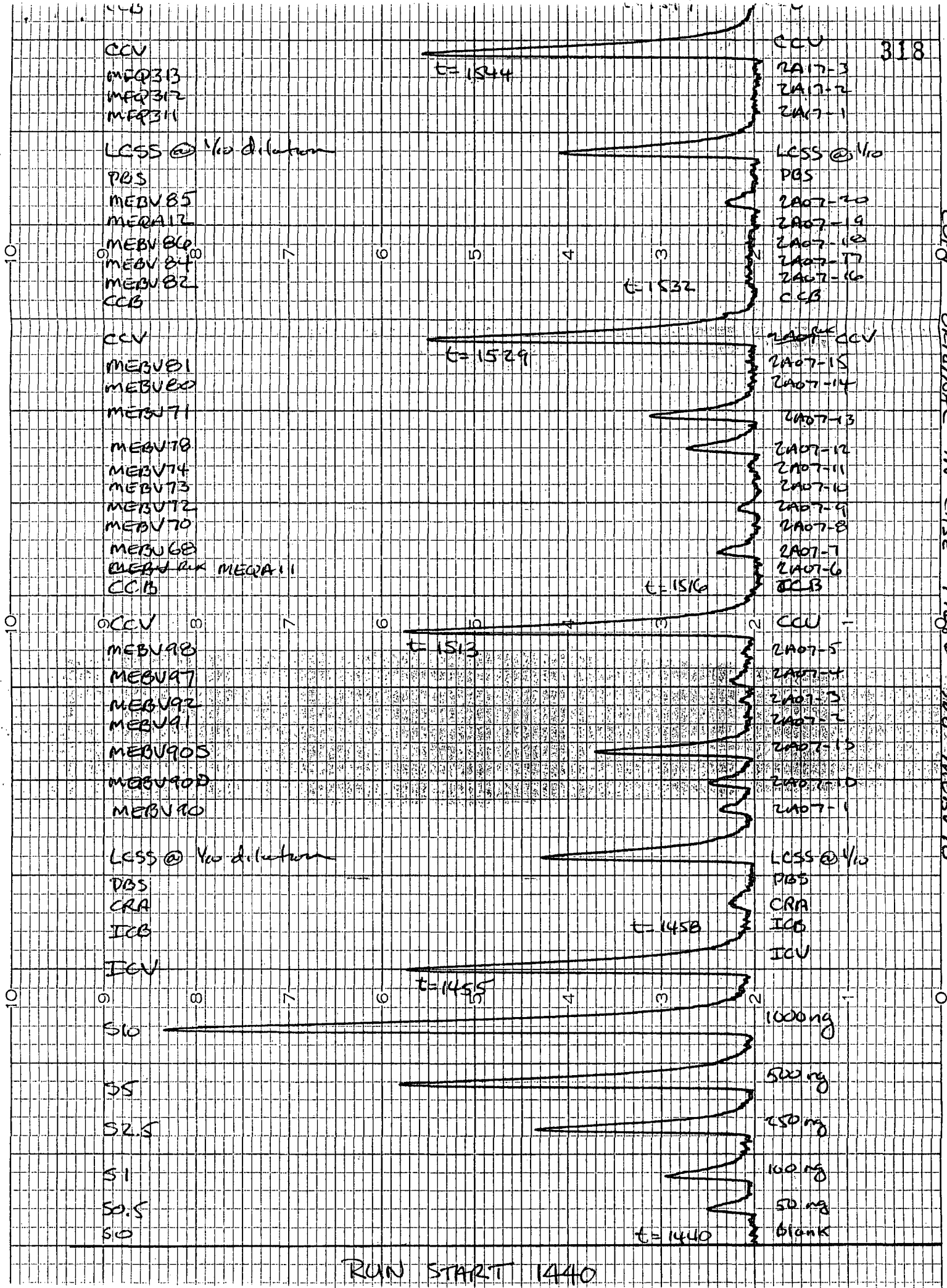
JOB 2A17 SDG # MFQ311 20 soils

JOB 2A15 SDG # MX3225 1 soil (PE's)

Standards from SPEX 1000 mg/L Hg 020892 / RLK

COPY - ORIGINAL IN CASE 17686 SDG MEBV90





COPY ORIGINAL IN CASE 176886 SDG MEBV90

Calibration Standards for CN

Values in UG/L : Y Second Order Fit : Y Exponent : 1.00 Replicates : 1

#	Standard Name	Concentration
1	S0	0.00000
2	S10	10.00000
3	S25	25.00000
4	S100	100.00000
5	S250	250.00000
6	S500	500.00000
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

Calibration for CN

#	Standard	Date	Time	Signals for Replicates 1	2	3	4
1	S0	01/29/92	11:24:00	4.00000			
2	S10	01/29/92	11:24:15	32.00000			
3	S25	01/29/92	11:24:30	72.00000			
4	S100	01/29/92	11:24:45	268.00000			
5	S250	01/29/92	11:25:00	646.00000			
6	S500	01/29/92	11:25:15	1296.00000			

Manual Raw Data Entry for CN

#	Lab. Name	Date	Time	Type	Dil	Signals for Replicates 1	2	3	4
1	ICV	01/29/92	11:25:30	0	1.0	265.000			
2	ICB	01/29/92	11:25:45	0	1.0	4.00000			
3	2A17-1	01/29/92	11:26:00	0	1.0	7.00000			
4	2A17-2	01/29/92	11:26:15	0	1.0	5.00000			
5	2A17-3	01/29/92	11:26:30	0	1.0	5.00000			
6	2A17-4	01/29/92	11:26:45	0	1.0	4.00000			
7	2A17-5	01/29/92	11:27:00	0	1.0	15.0000			
8	2A17-6	01/29/92	11:27:15	0	1.0	4.00000			
9	CCV	01/29/92	11:27:30	0	1.0	261.000			
10	CCB	01/29/92	11:27:45	0	1.0	4.00000			
11	2A17-7	01/29/92	11:28:00	0	1.0	6.00000			
12	2A17-8	01/29/92	11:28:15	0	1.0	86.0000			
13	2A17-9	01/29/92	11:28:30	0	1.0	240.000			
14	LCSS	01/29/92	11:28:45	0	1.0	331.000			
15	PBS	01/29/92	11:29:00	0	1.0	3.00000			
16	CCV	01/29/92	11:29:15	0	1.0	260.000			
17	CCB	01/29/92	11:29:30	0	1.0	3.00000			

Calculated Data for CN

	A0	A1	A2	Exponent
Calibration Coefficients :	6.81036	2.56185	0.00003	1.00

#	Lab. Name	Date	Time	Type	Dil	Concentration in UG/L 1	2	3	4
1	ICV	01/29/92	11:25:30	0	1.0	100.661			
2	ICB	01/29/92	11:25:45	0	1.0	-1.0970			
3	2A17-1	01/29/92	11:26:00	0	1.0	0.0740			
4	2A17-2	01/29/92	11:26:15	0	1.0	-0.7067			
5	2A17-3	01/29/92	11:26:30	0	1.0	-0.7067			
6	2A17-4	01/29/92	11:26:45	0	1.0	-1.0970			
7	2A17-5	01/29/92	11:27:00	0	1.0	3.1967			
8	2A17-6	01/29/92	11:27:15	0	1.0	-1.0970			
9	CCV	01/29/92	11:27:30	0	1.0	99.1038			
10	CCB	01/29/92	11:27:45	0	1.0	-1.0970			
11	2A17-7	01/29/92	11:28:00	0	1.0	-0.3163			
12	2A17-8	01/29/92	11:28:15	0	1.0	30.8997			
13	2A17-9	01/29/92	11:28:30	0	1.0	90.9252			
14	LCSS	01/29/92	11:28:45	0	1.0	126.354			
15	PBS	01/29/92	11:29:00	0	1.0	-1.4874			
16	CCV	01/29/92	11:29:15	0	1.0	98.7144			
17	CCB	01/29/92	11:29:30	0	1.0	-1.4874			

File : 2A17CN.WSL

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Instrument Type	Matrix	Dil.	Date	Time	Flags
1	S0	S0	3			01/29/92	11:24:00	
2	S10	S10	3			01/29/92	11:24:15	
3	S25	S25	3			01/29/92	11:24:30	
4	S100	S100	3			01/29/92	11:24:45	
5	S250	S250	3			01/29/92	11:25:00	
6	S500	S500	3			01/29/92	11:25:15	
7	ICV	ICV	0		1.0	01/29/92	11:25:30	
8	ICB	ICB	0		1.0	01/29/92	11:25:45	
9	2A17-1	MFQ311	0		1.0	01/29/92	11:26:00	
10	2A17-2	MFQ312	0		1.0	01/29/92	11:26:15	
11	2A17-3	MFQ313	0		1.0	01/29/92	11:26:30	
12	2A17-4	MFQ314	0		1.0	01/29/92	11:26:45	
13	2A17-5	MFQ324	0		1.0	01/29/92	11:27:00	
14	2A17-6	MFQ326	0		1.0	01/29/92	11:27:15	
15	CCV	CCV	0		1.0	01/29/92	11:27:30	
16	CCB	CCB	0		1.0	01/29/92	11:27:45	
17	2A17-7	MFQ327	0		1.0	01/29/92	11:28:00	
18	2A17-8	MFQ328	0		1.0	01/29/92	11:28:15	
19	2A17-9	MFQ329	0		1.0	01/29/92	11:28:30	
20	LCSS	LCSS	0		1.0	01/29/92	11:28:45	
21	PBS	PBS	0		1.0	01/29/92	11:29:00	
22	CCV1	CCV	0		1.0	01/29/92	11:29:15	
23	CCB1	CCB	0		1.0	01/29/92	11:29:30	

1/29/92 CN- Analysis C.E. Flock
Job #2A17 SDG # MFQ311 20 Soils

Distillation 012992-1

Heat on: 0855 Heat off: 1027

Position	Sample	wt (ml; gm)	Notes
1	ICV	50ml	500µl Cmc/50ml DI
2	2A17-1	1.0 gm	50ml DI
3	2A17-2	1.0 gm	50ml DI
4	2A17-3	1.0 gm	50ml DI
5	2A17-4	1.0 gm	50ml DI
6	2A17-5	1.0 gm	50ml DI
7	2A17-6	1.0 gm	50ml DI
8	2A17-7	1.0 gm	50ml DI
9	2A17-8	1.0 gm	50ml DI
10	2A17-9	1.0 gm	50ml DI
11	LCSS	1.0 gm	50ml DI
12	PBS	—	50ml DI

Color Run 012992-1

Sample	Distillation	Absorbance	Time
S 0	No	0.004	1124
S10	No	0.032	
S25	No	0.072	
S100	No	0.268	
S250	No	0.646	1125
S500	No	1.296	
ICV	012992-1-1	0.265	
ICB	No	0.004	
2A17-1	012992-1-2	0.007	1126
2A17-2	012992-1-3	0.005	
2A17-3	012992-1-4	0.005	
2A17-4	012992-1-5	0.004	
2A17-5	012992-1-6	0.015	1127 ~~01127~~
2A17-6	012992-1-7	0.004	
CCV	012992-1-1	0.261	
CCB	~~012992~~ No	0.004	
2A17-7	012992-1-8	0.006	1128
2A17-8	012992-1-9	0.086	
2A17-9	012992-1-10	0.240	
LCSS	012992-1-11	0.331	
PBS	012992-1-12	0.003	1129
CCV	012992-1-1	0.260	
CCB	No	0.003	1129

1/29/92

Calibration Standards for CN

Values in UG/L : Y Second Order Fit : Y Exponent : 1.00 Replicates : 1

#	Standard Name	Concentration
1	S0	0.00000
2	S10	10.00000
3	S25	25.00000
4	S100	100.00000
5	S250	250.00000
6	S500	500.00000
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

Calibration for CN

#	Standard	Date	Time	Signals for Replicates 1	2	3	4
1	S0	01/30/92	12:01:00	3.00000			
2	S10	01/30/92	12:01:15	31.00000			
3	S25	01/30/92	12:01:30	69.00000			
4	S100	01/30/92	12:01:45	272.00000			
5	S250	01/30/92	12:02:00	684.00000			
6	S500	01/30/92	12:02:15	1315.00000			

Manual Raw Data Entry for CN

#	Lab. Name	Date	Time	Type	Dil	Signals for Replicates 1	2	3	4
1	ICV0	01/30/92	12:02:30	0	1.0	263.000			
2	ICB0	01/30/92	12:02:45	0	1.0	2.00000			
3	2A17-10	01/30/92	12:03:00	0	1.0	5.00000			
4	2A17-11	01/30/92	12:03:15	0	1.0	8.00000			
5	2A17-12	01/30/92	12:03:30	0	1.0	4.00000			
6	2A17-13	01/30/92	12:03:45	0	1.0	7.00000			
7	2A17-14	01/30/92	12:04:00	0	1.0	77.0000			
8	2A17-14D	01/30/92	12:04:15	0	1.0	79.0000			
9	CCV0	01/30/92	12:04:30	0	1.0	261.000			
10	CCB0	01/30/92	12:04:45	0	1.0	2.00000			
11	2A17-14S	01/30/92	12:05:00	0	1.0	1384.00			
12	2A17-15	01/30/92	12:05:15	0	1.0	10.0000			
13	2A17-16	01/30/92	12:05:30	0	1.0	7.00000			
14	LCSS0	01/30/92	12:05:45	0	1.0	359.000			
15	PBS0	01/30/92	12:06:00	0	1.0	2.00000			
16	CCV01	01/30/92	12:06:15	0	1.0	261.000			
17	CCB01	01/30/92	12:06:30	0	1.0	2.00000			
18	2A17-14S	01/30/92	12:06:45	0	5.0	309.000			
19	CCV02	01/30/92	12:07:00	0	1.0	258.000			
20	CCB02	01/30/92	12:07:15	0	1.0	2.00000			

Calculated Data for CN

	A0	A1	A2	Exponent
Calibration Coefficients :	0.80833	2.80481	-0.00035	1.00

#	Lab. Name	Date	Time	Type	Dil	Concentration in UG/L 1	2	3	4
1	ICV0	01/30/92	12:02:30	0	1.0	94.5957			
2	ICB0	01/30/92	12:02:45	0	1.0	0.4249			
3	2A17-10	01/30/92	12:03:00	0	1.0	1.4947			
4	2A17-11	01/30/92	12:03:15	0	1.0	2.5649			
5	2A17-12	01/30/92	12:03:30	0	1.0	1.1381			
6	2A17-13	01/30/92	12:03:45	0	1.0	2.2081			
7	2A17-14	01/30/92	12:04:00	0	1.0	27.2573			
8	2A17-14D	01/30/92	12:04:15	0	1.0	27.9753			
9	CCV0	01/30/92	12:04:30	0	1.0	93.8654			
10	CCB0	01/30/92	12:04:45	0	1.0	0.4249			
11	2A17-14S	01/30/92	12:05:00	0	1.0	527.921			
12	2A17-15	01/30/92	12:05:15	0	1.0	3.2784			
13	2A17-16	01/30/92	12:05:30	0	1.0	2.2081			
14	LCSS0	01/30/92	12:05:45	0	1.0	129.808			
15	PBS0	01/30/92	12:06:00	0	1.0	0.4249			
16	CCV01	01/30/92	12:06:15	0	1.0	93.8654			
17	CCB01	01/30/92	12:06:30	0	1.0	0.4249			
18	2A17-14S	01/30/92	12:06:45	0	5.0	111.428			
19	CCV02	01/30/92	12:07:00	0	1.0	92.7703			
20	CCB02	01/30/92	12:07:15	0	1.0	0.4249			

File : 2A17CN1.WSL

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Instrument Type	Matrix	Dil.	Date	Time	Flags
1	S0	S0	3			01/30/92	12:01:00	
2	S10	S10	3			01/30/92	12:01:15	
3	S25	S25	3			01/30/92	12:01:30	
4	S100	S100	3			01/30/92	12:01:45	
5	S250	S250	3			01/30/92	12:02:00	
6	S500	S500	3			01/30/92	12:02:15	
7	ICV0	ICV	0		1.0	01/30/92	12:02:30	
8	ICB0	ICB	0		1.0	01/30/92	12:02:45	
9	2A17-10	MFQ330	0		1.0	01/30/92	12:03:00	
10	2A17-11	MFQ331	0		1.0	01/30/92	12:03:15	
11	2A17-12	MFQ332	0		1.0	01/30/92	12:03:30	
12	2A17-13	MFQ333	0		1.0	01/30/92	12:03:45	
13	2A17-14	MFQ334	0		1.0	01/30/92	12:04:00	
14	2A17-14D	MFQ334D	0		1.0	01/30/92	12:04:15	
15	CCV0	CCV	0		1.0	01/30/92	12:04:30	
16	CCB0	CCB	0		1.0	01/30/92	12:04:45	
17	2A17-14S	MFQ334S	0		1.0	01/30/92	12:05:00	
18	2A17-15	MFQ335	0		1.0	01/30/92	12:05:15	
19	2A17-16	MFQ336	0		1.0	01/30/92	12:05:30	
20	LCSS0	LCSS	0		1.0	01/30/92	12:05:45	
21	PBS0	PBS	0		1.0	01/30/92	12:06:00	
22	CCV01	CCV	0		1.0	01/30/92	12:06:15	
23	CCB01	CCB	0		1.0	01/30/92	12:06:30	
24	2A17-14S	MFQ334S	0		5.0	01/30/92	12:06:45	
25	CCV02	CCV	0		1.0	01/30/92	12:07:00	
26	CCB02	CCB	0		1.0	01/30/92	12:07:15	

1/30/92 CN Analysis C.E. Plock
Job #2A19 SDG# MFQ311 20 Soils

Distillation 013092-1

Heat on: 0935 Heat off: 1105

Position	Sample	Wt (mligm)	Notes
1	2A17-10	1.0 gm	50 ml DI
2	2A17-11	1.0 gm	50 ml DI
3	2A17-12	1.0 gm	50 ml DI
4	2A17-13	1.0 gm	50 ml DI
5	2A17-14	1.0 gm	50 ml DI
6	2A17-14D	1.0 gm	50 ml DI
7	2A17-14S (+25 µg)	1.0 gm	50 ml DI
8	2A17-15	1.0 gm	50 ml DI
9	2A17-16	1.0 gm	50 ml DI
10	LCSS	1.0 gm	50 ml DI
11	ICV	50 ml	500 µl Conc/50 ml DI
12	PBS	—	50 ml DI

Color Run 013092-1

Sample	Distillation	Absorance	Time
S0	No	0.003	1201
S10	No	0.031	
S25	No	0.069	
S100	No	0.272	
S250	No	0.684	1202
S500	No	1.315	
ICV	013092-1-11	0.263	
ICB	No	0.002	
2A17-10	013092-1-1	0.005	1203
2A17-11	013092-1-2	0.008	
2A17-12	013092-1-3	0.004	
2A17-13	013092-1-4	0.007	
2A17-14	013092-1-5	0.077	1204
2A17-14D	013092-1-6	0.079	
CCV ~~2A17-14S~~	013092-1-11	0.261	
CCB	No	0.002	
2A17-14S	013092-1-7	1.384	1205
2A17-15	013092-1-8	0.010	
2A17-16	013092-1-9	0.007	
LCSS	013092-1-10	0.359	
PBS	013092-1-12	0.002	1206
CCV	013092-1-11	0.261	
CCB	No	0.002	1206

Continued →

1/30/92 (Cont'd) CN Analysis C. E. Block
Job # 2A 19 SDG # MFQ 311 20 Soils

Color Run 013092-1 (Cont'd)

Position	Distillation	Absorbance	Time
2A 19-14S *	013092-1-7 *	0.309*	1206
CCV	013092-1-11	0.258	1207
CCB	No	0.002	1207

* 5 ml of distillate diluted to 25 ml with 0.25 N Na OH

January 30, 1992

Calibration Standards for CN

Values in UG/L : Y Second Order Fit : Y Exponent : 1.00 Replicates : 1

#	Standard Name	Concentration
1	S0	0.00000
2	S10	10.00000
3	S25	25.00000
4	S100	100.00000
5	S250	250.00000
6	S500	500.00000
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

Calibration for CN

#	Standard	Date	Time	Signals for Replicates 1	2	3	4
1	S0	02/04/92	11:29:00	4.00000			
2	S10	02/04/92	11:29:15	32.00000			
3	S25	02/04/92	11:29:30	71.00000			
4	S100	02/04/92	11:29:45	268.00000			
5	S250	02/04/92	11:30:00	701.00000			
6	S500	02/04/92	11:30:15	1379.00000			

Manual Raw Data Entry for CN

#	Lab. Name	Date	Time	Type	Dil	Signals for Replicates 1	2	3	4
1	ICV9	02/04/92	11:30:30	0	1.0	273.000			
2	ICB9	02/04/92	11:30:45	0	1.0	3.00000			
3	LCSS9	02/04/92	11:31:00	0	1.0	339.000			
4	2A17-17	02/04/92	11:31:15	0	1.0	4.00000			
5	2A17-18	02/04/92	11:31:30	0	1.0	3.00000			
6	2A17-19	02/04/92	11:31:45	0	1.0	7.00000			
7	2A17-20	02/04/92	11:32:00	0	1.0	3.00000			
8	PBS9	02/04/92	11:32:15	0	1.0	3.00000			
9	CCV9	02/04/92	11:32:30	0	1.0	271.000			
10	CCB9	02/04/92	11:32:45	0	1.0	3.00000			

Calculated Data for CN

	A0	A1	A2	Exponent
Calibration Coefficients :	1.34719	2.78384	-0.00005	1.00

#	Lab. Name	Date	Time	Type	Dil	Concentration in UG/L 1	2	3	4
1	ICV9	02/04/92	11:30:30	0	1.0	97.7603			
2	ICB9	02/04/92	11:30:45	0	1.0	0.5937			
3	LCSS9	02/04/92	11:31:00	0	1.0	121.565			
4	2A17-17	02/04/92	11:31:15	0	1.0	0.9529			
5	2A17-18	02/04/92	11:31:30	0	1.0	0.5937			
6	2A17-19	02/04/92	11:31:45	0	1.0	2.0307			
7	2A17-20	02/04/92	11:32:00	0	1.0	0.5937			
8	PBS9	02/04/92	11:32:15	0	1.0	0.5937			
9	CCV9	02/04/92	11:32:30	0	1.0	97.0392			
10	CCB9	02/04/92	11:32:45	0	1.0	0.5937			

File : 2A17CN2.WSL

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Type	Matrix	Instrument Dil.	Date	Time	Flags
1	S0	S0	3			02/04/92	11:29:00	
2	S10	S10	3			02/04/92	11:29:15	
3	S25	S25	3			02/04/92	11:29:30	
4	S100	S100	3			02/04/92	11:29:45	
5	S250	S250	3			02/04/92	11:30:00	
6	S500	S500	3			02/04/92	11:30:15	
7	ICV9	ICV	0		1.0	02/04/92	11:30:30	
8	ICB9	ICB	0		1.0	02/04/92	11:30:45	
9	LCSS9	LCSS	0		1.0	02/04/92	11:31:00	
10	2A17-17	MFQ337	0		1.0	02/04/92	11:31:15	
11	2A17-18	MFQ338	0		1.0	02/04/92	11:31:30	
12	2A17-19	MFQ339	0		1.0	02/04/92	11:31:45	
13	2A17-20	MFQ340	0		1.0	02/04/92	11:32:00	
14	PBS9	PBS	0		1.0	02/04/92	11:32:15	
15	CCV9	CCV	0		1.0	02/04/92	11:32:30	
16	CCB9	CCB	0		1.0	02/04/92	11:32:45	

02/04/92 CN- Analysis C. E. Plock
Job # 2A17 SDG # MFQ311 20 Soils 337

Distillation 020492-1

Heaton: 0904 Heat off: 1035

Position	Sample	Wt (ml/gm)	Notes
1	LCSS	1.0 gm	50ml DI
2	2A17-17	1.0 gm	50ml DI
3	2A17-18	1.0 gm	50ml DI
4	2A17-19	1.0 gm	50ml DI
5	2A17-20	1.0 gm	50ml DI
6	ICV	50ml	500µl Conc/50ml DI
7	PBS	—	50ml DI

Color Run 020492-1

Sample	Distillation	Absorbance	Time
S0	No	0.004	1129
S10	No	0.032	
S25	No	0.071	
S100	No	0.268	
S200	No	0.701	1130
S500	No	1.379	
ICV	020492-1-6	0.273	
ICB	No	0.003	
LCSS	020492-1-1	0.339	1131
2A17-17	020492-1-2	0.004	
2A17-18	020492-1-3	0.003	
2A17-19	020492-1-4	0.007	
2A17-20	020492-1-5	0.003	1132
PBS	020492-1-7	0.003	
CCV	020492-1-6	0.271	
CCB	No	0.003	1132

C. E. Plock 2/4/92

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EPA

United States Environmental Protection Agency
Contract Laboratory Program Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Inorganic Traffic Report & Chain of Custody Record

(For Inorganic CLP Analysis)

SAS No. (if applicable):

Case No.: 17700

1. Sample Description (Enter in Column A)
   1. Surface Water
   2. Ground Water
   3. Leachate
   4. Rinsate
   5. Soil/Sediment
   6. Oil (SAS)
   7. Waste (SAS)
   8. Other (SAS) (Specify)

2. Preservative (Enter in Column D)
   1. HCl
   2. HNO3
   3. NaOH
   4. H_2SO_4
   5. $K_2CR_2O_7$
   6. Ice only
   7. Other (SAS) (Specify)
   N. Not preserved

3. Region No.: 6

Sampling Co.: NMED

Sampler (Name): Susan A Morris

Sampler Signature: Susan A Morris

4. Type of Activity

Lead		Pre-Remedial		Remedial		Removal	
SF				RIFS		CLEM	
PRP		PA		RD		REMA	
ST		SSI	✓	RA		REM	
FED		LSI		O&M		OIL	
				NPLD		UST	

5. Date Shipped: 1/23/92

Carrier: FEDEXPRESS

Airbill Number: 062789966

6. Ship To: Diana Smedra, Natural Resources LAB, 409 Corporate Circle, Golden, Colorado 80401

7. Date Received -- Received by: 01/24/92 D. SMEDRA

Laboratory Contract Number: 68-D0-0145

Unit Price: $91.00

8. Transfer to

Date Received

Received by

Contract Number

Price

CLP Sample Numbers (from labels)	A Enter # from Box 1	B Conc. Low Med High	C Sample Type: Comp./Grab	D Preservative from Box 6	E - RAS Analysis: Metals: Total	Dissolved	Cyanide	Low Conc.: Nitrate/Nitrite	Fluoride	High: pH	Conductivity	F Regional Specific Tracking Number or Tag Numbers	G Station Location Number	H Mo/Day/Year/Time Sample Collection	I Sampler Initials	J Corresp. CLP Org. Samp. No.	K Sample Condition on Receipt	L High Conc. Phases (Check below): Solids	Water - MIS Liq.	Non Water - Mis Liq.
MFQ340	5	L	G	6	✓		✓					6-005273	11	1/22/92/1540	SAM		OK			
MFQ334	5	L	Comp	6	✓		✓					-74	12	1/22/92/1440	SAM					
MFQ335	5	L	Comp	6	✓		✓					-75	13	1/22/92/1450	SAM					
MFQ334	5	L	G	6	✓		✓					-76	14	1/22/92/1600	SAM					
MFQ333	5	L	G	6	✓		✓					-77	15	1/22/92/1605	SAM					
MFQ332	5	L	G	6	✓		✓					-78	16	1/22/92/1600	SAM					
MFQ311	5	L	G	6	✓		✓					-79	17	1/22/92/0930	SAM					
MFQ312	5	L	G	6	✓		✓					-80	18	1/22/92/0950	SAM					
MFQ313	5	L	G	6	✓		✓					-81	19	1/22/92/0900	SAM					
MFQ314	5	L	G	6	✓		✓					-82	20	1/22/92/0910	SAM					

Shipment for Case complete? (Y/N): yes

Page 1 of ___: PAGE 2 of 2

Sample used for a spike and/or duplicate: (14) MFQ334

Additional Sampler Signatures: —

Chain of Custody Seal Number: 0

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Susan A Morris	1/23/92				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Received by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Is custody seal intact? Y/N/none	
		[signature]	01/24/92 0850	SDG # MFQ311	

Split Samples: ☐ Accepted (Signature) ☐ Declined

EPA Form 9110-1 (Rev. 5-91) Replaces EPA Form (2075-6), previous edition which may be used

DISTRIBUTION:
Green - Region Copy Pink - SMO Copy White - Lab Copy Yellow - Lab Copy for Return to SMO

Inorg-2

I 015623

Inorganic Sample Collection Requirements

"This form replaces both the individual Traffic Report and EPA Chain of Custody Record. If the sampling team elects to use an alternative chain-of-custody form, cross out the bottom portion of this record and indicate that chain-of-custody information is recorded on an alternative form."

Water Samples	Required Volume	Container Type
Metals Analysis (Low Level)	1 Liter	1 X 1-Liter Polyethylene Bottle OR 2 X 500-ml. Polyethylene Bottle
Metals Analysis (Medium Level*)	16 oz.	1 X 16-oz Wide-Mouth Glass Jar
Extractable Analysis (Medium Level*)	1 Liter	1 X 1-Liter Polyethylene Bottle OR 2 X 500-ml. Polyethylene Bottle
Volatile Analysis (Low or Medium Level*)	16 oz.	1 X 16-oz. Wide-Mouth Glass Jar

Soil/Sediment Samples	Required Volume	Container Type
Metals and Cyanide (CN⁻) Analysis (Low or Medium Level*)	6 oz.	1 X 8-oz. Wide-Mouth Glass Jar OR 2 X 4-oz. Wide-Mouth Glass Jars

HIGH CONCENTRATION SAMPLE COLLECTION REQUIREMENTS

Liquid or Solid Samples	Required Volume	Container Type
Metals and Cyanide* Analysis	6 oz.	1 X 8-oz. Wide-Mouth Glass Jar

*All Medium and High Level Samples to be Sealed in Metal Can for Shipment

1. Inorganic Sample Collection Requirements

- Aqueous samples require one triple-volume sample per twenty for Matrix Spike/Matrix Spike Duplicate.
- Preserve low level water samples:

Total metals	Preserve with HNO_3 to pH ≤ 2.
Dissolved metals	Preserve with HNO_3 to pH ≤ 2. No further digestion required.
Cyanide	Preserve with 10 NaOH to pH ≥12.

- Oily samples must be analyzed under the Special Analytical Services (SAS) program.
- Ship medium and high concentration samples in paint cans.

2. Cooler and Sample Documentation

- Complete all sections of the Traffic Report/Chain of Custody Form - Press firmly with a ball point pen to ensure that carbon copies are legible. Check the information and correct any errors.
- Please remember to complete the Chain of Custody information on the form.
- Seal the two sets of laboratory Traffic Report/Chain of Custody form copies in a plastic bag. Include a return address for the cooler. Tape bag under cooler lid.
- Overlap the lid and bottle and bottle of each sample container with custody seals.
- Seal each container in a plastic bag.
- Pack medium and high concentration samples in metal cans.
- Separate and surround cooler contents with vermiculite or equivalent packaging.
- Seal the cooler, overlapping the lid and body with custody seals.
- Send SMO the pink copy of the Traffic Report within 5 days.
- In column E RAS analysis indicate number of sample bottles sent for analysis.

3. Sample Shipment Reporting

- PHONE IN ALL SHIPMENTS IMMEDIATELY TO SMO (or to RSCC, if instructed)

  Required information:

  Case (and/or SAS) Number
  Date shipped
  Number of samples by concentration and matrix
  Carrier and airbill number
  Next planned shipment

  Leave your name and a number where you can be reached.
- Information for SATURDAY DELIVERIES must be phoned in by 3:00 PM. (Eastern) the preceding FRIDAY.
- Report any delays or changes of scope (i.e., changes in number of samples to be collected, matrix changes, etc.)
- CALL IF YOU HAVE ANY QUESTIONS

  USEPA Contract Laboratory Program
  Sample Management Office
  P.O. Box 818
  Alexandria, VA 22313
  Phone: (703) 557-2490
  (703) 684-5678
  FAX: (703) 683-0378

33398

EPA

United States Environmental Protection Agency
Contract Laboratory Program, Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Inorganic Traffic Report & Chain of Custody Record

(For Inorganic CLP Analysis)

SAS No. (if applicable): —

Case No.: 17700

1. Sample Description (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil (SAS)
7. Waste (SAS)
8. Other (SAS) (Specify)

2. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaOH
4. H_2SO_4
5. $K_2CR_2O_7$
6. Ice only
7. Other (SAS) (Specify)
N. Not preserved

3. Region No.: 6

Sampling Co.: NMED

5. Date Shipped: 1/23/92

Carrier: FED EXPRESS

7. Date Received -- Received by: 01/24/92 D. SMEDRA

Sampler (Name): Susan A Morris

Airbill Number: 0627899366

Laboratory Contract Number: 68-D0-0145

Unit Price: $91.00

Sampler Signature: Sue A. Morris

6. Ship To: Diana Smedra, Natural Resources Lab, 409 Corporate Circle, Golden, Colorado 80401

8. Transfer to

Date Received

Received by

Contract Number

Price

4. Type of Activity

Lead		Pre-Remedial		Remedial		Removal	
SF				RIFS		CLEM	
PRP		PA		RD		REMA	
ST		SSI	✓	RA		REM	
FED		LSI		O&M		OIL	
				NPLD		UST	

CLP Sample Numbers (from labels)	A Enter # from Box 1	B Conc. Low Med High	C Sample Type: Comp./ Grab	D Preservative from Box 6	E RAS Analysis: Metals Total	Metals Dissolved	Cyanide	Low Conc. Nitrate/Nitrite	Low Conc. Fluoride	High pH	High Conductivity	F Regional Specific Tracking Number or Tag Numbers	G Station Location Number	H Mo/Day/Year/Time Sample Collection	I Sampler Initials	J Corresp. CLP Org. Samp. No.	K Sample Condition on Receipt	L High Conc. Phases (Check below): Solids	Water -- MIS Liq.	Non Water -- Mis Liq.
												1		~~01/22/92/1750~~	SAM					
MFQ326	5	L	G	6	✓		✓					6005263	1	01/22/92/1450	SAM		OK			
MFQ327	5	L	G	6	✓		✓					-64	2	01/22/92/1446	SAM					
MFQ328	5	L	G	6	✓		✓					-65	3	01/22/92/1440	SAM					
MFQ335	5	L	G	6	✓		✓					-66	4	01/22/92/1515	SAM					
MFQ336	5	L	G	6	✓		✓					-67	6	01/22/92/1520	SAM					
MFQ329	5	L	G	6	✓		✓					-68	5	01/22/92/1435	SAM					
MFQ330	5	L	G	6	✓		✓					-69	7	01/22/92/1420	SAM					
MFQ337	5	L	G	6	✓		✓					-70	8	01/22/92/1520	SAM					
MFQ338	5	L	G	6	✓		✓					-71	9	01/22/92/1530	SAM					
MFQ339	5	L	G	6	✓		✓					-72	10	01/22/92/1530	SAM					

Shipment for Case complete? (Y/N):

Page 1 of 2

Sample used for a spike and/or duplicate: —

Additional Sampler Signatures: —

Chain of Custody Seal Number

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Received by: (Signature)	Date / Time	Received for Laboratory by: (Signature) D. Smedra	Date / Time 01/24/92 0850	Remarks Is custody seal intact? Y/N/none SDG # MFQ311	

Split Samples ☐ Accepted (Signature)
☐ Declined

EPA Form 9110-1 (Rev. 5-91) Replaces EPA Form (2075-6), previous edition which may be used

DISTRIBUTION:
Green - Region Copy Pink - SMO Copy White - Lab Copy Yellow - Lab Copy for Return to SMO

Inorg-2

I 015620

Inorganic Sample Collection Requirements

"This form replaces both the individual Traffic Report and EPA Chain of Custody Record. If the sampling team elects to use an alternative chain-of-custody form, cross out the bottom portion of this record and indicate that chain-of-custody information is recorded on an alternative form."

Water Samples	Required Volume	Container Type
Metals Analysis (Low Level)	1 Liter	1 X 1-Liter Polyethylene Bottle OR 2 X 500-ml. Polyethylene Bottle
Metals Analysis (Medium Level*)	16 oz.	1 X 16-oz Wide-Mouth Glass Jar
Extractable Analysis (Medium Level*)	1 Liter	1 X 1-Liter Polyethylene Bottle OR 2 X 500-ml. Polyethylene Bottle
Volatile Analysis (Low or Medium Level*)	16 oz.	1 X 16-oz. Wide-Mouth Glass Jar

Soil/Sediment Samples	Required Volume	Container Type
Metals and Cyanide (CN⁻) Analysis (Low or Medium Level*)	6 oz.	1 X 8-oz. Wide-Mouth Glass Jar OR 2 X 4-oz. Wide-Mouth Glass Jars

HIGH CONCENTRATION SAMPLE COLLECTION REQUIREMENTS

Liquid or Solid Samples	Required Volume	Container Type
Metals and Cyanide* Analysis	6 oz.	1 X 8-oz. Wide-Mouth Glass Jar

*All Medium and High Level Samples to be Sealed in Metal Can for Shipment

1. Inorganic Sample Collection Requirements

- Aqueous samples require one triple-volume sample per twenty for Matrix Spike/Matrix Spike Duplicate.
- Preserve low level water samples:

Total metals	Preserve with HNO_3 to pH ≤ 2.
Dissolved metals	Preserve with HNO_3 to pH ≤ 2. No further digestion required.
Cyanide	Preserve with 10 NaOH to pH ≥12.

- Oily samples must be analyzed under the Special Analytical Services (SAS) program.
- Ship medium and high concentration samples in paint cans.

2. Cooler and Sample Documentation

- Complete all sections of the Traffic Report/Chain of Custody Form - Press firmly with a ball point pen to ensure that carbon copies are legible. Check the information and correct any errors.
- Please remember to complete the Chain of Custody information on the form.
- Seal the two sets of laboratory Traffic Report/Chain of Custody form copies in a plastic bag. Include a return address for the cooler. Tape bag under cooler lid.
- Overlap the lid and bottle and bottle of each sample container with custody seals.
- Seal each container in a plastic bag.
- Pack medium and high concentration samples in metal cans.
- Separate and surround cooler contents with vermiculite or equivalent packaging.
- Seal the cooler, overlapping the lid and body with custody seals.
- Send SMO the pink copy of the Traffic Report within 5 days.
- In column E RAS analysis indicate number of sample bottles sent for analysis.

3. Sample Shipment Reporting

- PHONE IN ALL SHIPMENTS IMMEDIATELY TO SMO (or to RSCC, if instructed)
  Required information:
  - Case (and/or SAS) Number
  - Date shipped
  - Number of samples by concentration and matrix
  - Carrier and airbill number
  - Next planned shipment

  Leave your name and a number where you can be reached.
- Information for SATURDAY DELIVERIES must be phoned in by 3:00 PM. (Eastern) the preceding FRIDAY.
- Report any delays or changes of scope (i.e., changes in number of samples to be collected, matrix changes, etc.)
- CALL IF YOU HAVE ANY QUESTIONS

  USEPA Contract Laboratory Program
  Sample Management Office
  P.O. Box 818
  Alexandria, VA 22313
  Phone: (703) 557-2490
  (703) 684-5678
  FAX: (703) 683-0378

FEDERAL EXPRESS

QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL
PACKAGE TRACKING NUMBER 0627899366

20M 0627899366

RECIPIENT'S COPY

1 Date 1-23-92

From (Your Name) Please Print	Your Phone Number (Very Important)	To (Recipient's Name) Please Print	Recipient's Phone Number (Very Important)
Ivan Morris 570929 5702	505-827-2911	2 Diana Smedra	303 278
Company: W MEXICO ENVIRONMENT DEPT	Department/Floor No.	Company: Natural Resources Lab	Department/Floor No.
Street Address: 90 ST FRANCIS DR S RM 2072		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.): 409 Corporate Circle	
City: NTA FE State: NM	ZIP Required: 8 7 5 0 1	City: Golden, State: Colorado	ZIP Required: 8040

YOUR INTERNAL BILLING REFERENCE INFORMATION (First 24 characters will appear on invoice.)

H IF HOLD FOR PICK-UP, Print FEDEX Address Here
Street Address
City State ZIP Required

3 PAYMENT 1 [X] Bill Sender 2 [ ] Bill Recipient's FedEx Acct. No. 3 [ ] Bill 3rd Party FedEx Acct. No. 4 [ ] Bill Credit Card
5 [ ] Cash/Check

4 SERVICES (Check only one box)

Priority Overnight (Delivery by next business morning†)	Standard Overnight (Delivery by next business afternoon†)
11 [ ] YOUR PACKAGING	51 [ ] YOUR PACKAGING
16 [ ] FEDEX LETTER *	56 [ ] FEDEX LETTER *
12 [ ] FEDEX PAK *	52 [ ] FEDEX PAK *
13 [ ] FEDEX BOX	53 [ ] FEDEX BOX
14 [ ] FEDEX TUBE	54 [ ] FEDEX TUBE
Economy Two-Day (Delivery by second business day†)	**Government Overnight** (Restricted for authorized users only)
30 [ ] ECONOMY	46 [ ] GOVT LETTER
	41 [ ] GOVT PACKAGE

Freight Service (for Extra Large or any package over 150 lbs.)
70 [ ] OVERNIGHT FREIGHT ** (Confirmed reservation required)
80 [ ] TWO-DAY FREIGHT **
† Delivery commitment may be later in some areas.
*Declared Value Limit $100.
**Call for delivery schedule.

DELIVERY AND SPECIAL HANDLING (Check services required)
1 [ ] HOLD FOR PICK-UP (Fill in Box H)
2 [X] DELIVER WEEKDAY
3 DELIVER SATURDAY (Extra charge) [ ] (Not available to all locations)
4 [ ] DANGEROUS GOODS (Extra charge)
5 [ ]
6 [ ] DRY ICE lbs.
7 [ ] OTHER SPECIAL SERVICE
8 [ ]
9 [ ] SATURDAY PICK-UP (Extra charge)
10 [ ]
11 [ ] DESCRIPTION
12 [ ] HOLIDAY DELIVERY (If offered) (Extra charge)

PACKAGES	WEIGHT to Pounds Only
1	2.5
Total 1	Total 2.5

DIM SHIPMENT (Chargeable Weight) lbs.

Received At:
1 [ ] Regular Stop 1
2 [ ] On-Call Stop
3 [ ] Drop Box
4 [ ] B.S.C.
5 [ ] Station

FedEx Emp. No.

Emp. No. Date
[ ] Cash Received
[X] Return Shipment
[ ] Third Party [ ] Chg. To Del. [ ] Chg. To Hold
Street Address
City State Zip
Received By: X [signature]
Date/Time Received: 01/24/92 FedEx Employee Number: 0850

5 Release Signature:
Date/Time

Federal Express Use
Base Charges
Declared Value Charge
Other 1
Other 2
Total Charges

REVISION DATE 1/91
PART #137204 FXEM 4/91
FORMAT #068

068

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Sample Tag Cover Sheet

United States Environmental Protection Agency

Contract Lab Program

Lab Name:	NFT Incorporated
Contract Number:	68-D0-0145
Sample Analysis Price:	$91.00
Case Number:	17700
SDG Number:	MFQ311

Sample Number	Tag Number
MFQ311	6-005279
MFQ312	6-005280
MFQ313	6-005281
MFQ314	6-005282
MFQ324	6-005274
MFQ326	6-005263
MFQ327	6-005264
MFQ328	6-005265
MFQ329	6-005268
MFQ330	6-005269
MFQ331	6-005275
MFQ332	6-005278
MFQ333	6-005277
MFQ334	6-005276
MFQ335	6-005266
MFQ336	6-005267
MFQ337	6-005270
MFQ338	6-005271
MFQ339	6-005272
MFQ340	6-005273

Designate		Preservative: ICE only	
Grab.	✓	Yes ☐ No ☒	
		Volatile Organics	
		Semi Volatiles (ABN)	
Comp.		Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time 0900		TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year 1/22/92		Asbestos	
		Dioxin	
		Oil and Grease	
Station # 19			
		Remarks: 2A17-3	
Project Code 1 CLP Case # 17700		Concentration: ☒ L ☐ M ☐ H	
		Tag Number 6-005281	Lab Sample Number MFQ313

Designate		Preservative: ICE	
Grab.	✓	Yes ☐ No ☒	
		Volatile Organics	
		Semi Volatiles (ABN)	
Comp.		Pesticides/PCB	
		TAL Metals	✓
		Cyanide	
		Alkalinity/Hardness	
Time 0950		TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year 1/22/92		Asbestos	
		Dioxin	
		Oil and Grease	
Station # 18			
		Remarks: 2A17-2	
Project Code 1 CLP Case # 17700		Concentration: ☒ L ☐ M ☐ H	
		Tag Number 6-005280	Lab Sample Number MFQ312

Designate		Preservative: ICE	
Grab.	✓	Yes ☐ No ☒	
		Volatile Organics	
		Semi Volatiles (ABN)	
Comp.		Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time 0930		TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year 1/22/92		Asbestos	
		Dioxin	
		Oil and Grease	
Station # 17			
		Remarks:	
Project Code 1 CLP Case # 17700		Concentration: ☒ L ☐ M ☐ H	
		Tag Number 6-005279	Lab Sample Number MFQ311 2A17-1

Designate: Grab.	Preservative:	
	Yes ☐ No ☑	
	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	TOTAL Metals	✓
	Cyanide	✓
	Alkalinity/Hardness	
Time 1450	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 1/22/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # 1		
	Remarks: 2A17-6	
Project Code 1 CLP Case # 17700	Concentration: ☑ L ☐ M ☐ H	
	Tag Number 6-005263	Lab Sample Number MFQ326

Designate: Grab.	Preservative: ICE	
	Yes ☐ No ☑	
	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	TAL Metals	✓
	Cyanide	✓
	Alkalinity/Hardness	
Time 1440	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 1/22/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # 12		
	Remarks: MFQ 324	
Project Code 1 CLP Case # 17700	Concentration: ☒ L ☐ M ☐ H	
	Tag Number 6-005274	Lab Sample Number MFQ 324

2A17-5 MFQ324

Designate: Grab.	Preservative: ICE	
	Yes ☐ No ☑	
	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	TAL Metals	✓
	Cyanide	✓
	Alkalinity/Hardness	
Time 0910	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 1/22/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # 20		
	Remarks: 2A17-4	
Project Code 1 CLP Case # 17700	Concentration: ☒ L ☐ M ☐ H	
	Tag Number 6-005282	Lab Sample Number MFQ314

Designate	Grab.	Preservative: ICE	
		Yes ☐	No ☑
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1435	TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year	1/22/92	Asbestos	
		Dioxin	
		Oil and Grease	
Station #	5		
		Remarks: 2A17-9	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005268	Lab Sample Number MFQ329

Designate	Grab.	Preservative:	
		Yes ☐	No ☑
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1440	TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year	1/22/92	Asbestos	
		Dioxin	
		Oil and Grease	
Station #	3		
		Remarks: 2A17-8	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005265	Lab Sample Number MFQ328

Designate	Grab.	Preservative:	
		Yes ☐	No ☑
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		Total Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1445	TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year	1/22/92	Asbestos	
		Dioxin	
		Oil and Grease	
Station #	2		
		Remarks: 2A17-7	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005264	Lab Sample Number MFQ327

Designate	Grab.	Preservative: ICE	
		Yes ☐ No ☑	
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1600	TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year	1/22/92	Asbestos	
		Dioxin	
		Oil and Grease	
Station #	16		
		Remarks: 2A17-12	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005278	Lab Sample Number MFQ 332

Designate	Grab.	Preservative: ICE	
		Yes ☑ No ☐	
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1450	TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year	1/22/92	Asbestos	
		Dioxin	
		Oil and Grease	
Station #	13		
		Remarks: 2A17-11	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005275	Lab Sample Number MFQ331

Designate	Grab.	Preservative: ICE	
		Yes ☐ No ☐	
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1420	TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year	1/22/92	Asbestos	
		Dioxin	
		Oil and Grease	
Station #	X		
		Remarks: 2A17-10	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005269	Lab Sample Number MFQ330

Designate	Grab.	Preservative: ICE	
		Yes ☐	No ☑
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1515	TCLP	
		☐ VOA	
		☐ ABN	
Month/Day/Year	1/22/92	☐ METALS	
		Asbestos	
		Dioxin	
		Oil and Grease	
Station #	4		
		Remarks: 2A17-15	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005266	Lab Sample Number MFQ335

Designate	Grab.	Preservative: ICE	
		Yes ☐	No ☑
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1600	TCLP	
		☐ VOA	
		☐ ABN	
Month/Day/Year	1/22/92	☐ METALS	
		Asbestos	
		Dioxin	
		Oil and Grease	
Station #	14		
		Remarks: MFQ334 2A17-14	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005276	Lab Sample Number MFQ334

Designate	Grab.	Preservative: ICE	
		Yes ☐	No ☑
		Volatile Organics	
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		TAL Metals	✓
		Cyanide	✓
		Alkalinity/Hardness	
Time	1605	TCLP	
		☐ VOA	
		☐ ABN	
Month/Day/Year	1/22/92	☐ METALS	
		Asbestos	
		Dioxin	
		Oil and Grease	
Station #	15		
		Remarks: 2A17-13	
Project Code 1 CLP Case #	17700	Concentration: ☑ L ☐ M ☐ H	
		Tag Number 6-005277	Lab Sample Number MFQ333

Designate: Grab. ✓	Preservative: Ice Yes ☐ No ☑	
	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	TAL Metals	✓
	Cyanide	✓
	Alkalinity/Hardness	
Time 1530	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 1/22/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # 9		
	Remarks: 2A17-18	
Project Code 1 CLP Case # 17700	Concentration: ☑ L ☐ M ☐ H	
	Tag Number 6-005271	Lab Sample Number MFQ336

Designate: Grab. ✓	Preservative: Ice only Yes ☐ No ☐	
	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	TAL Metals	✓
	Cyanide	✓
	Alkalinity/Hardness	
Time 1520	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 1/22/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # 8		
	Remarks: 2A17-17	
Project Code 1 CLP Case # 17700	Concentration: ☑ L ☐ M ☐ H	
	Tag Number 6-005270	Lab Sample Number MFQ337

Designate: Grab. ✓	Preservative: Ice Yes ☐ No ☑	
	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	TAL Metals	✓
	Cyanide	✓
	Alkalinity/Hardness	
Time 1520	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 1/22/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # 6		
	Remarks: 2A17-16	
Project Code 1 CLP Case # 17700	Concentration: ☑ L ☐ M ☐ H	
	Tag Number 6-005267	Lab Sample Number MFQ336

Designate: Grab. ✓ / Comp.

Preservative: Ice

Yes ☐ No ☑

Volatile Organics	
Semi Volatiles (ABN)	
Pesticides/PCB	
TAL Metals	✓
Cyanide	✓
Alkalinity/Hardness	
TCLP	
☐ VOA	
☐ ABN	
☐ METALS	
Asbestos	
Dioxin	
Oil and Grease	

Time: 1540

Month/Day/Year: 11/22/92

Station #: 11

Remarks: 2A17-20

Project Code 1 CLP Case #: 17700

Concentration: ☑ L ☐ M ☐ H

Tag Number: 6-005273

Lab Sample Number: MFQ340

Designate: Grab. / Comp. ✓

Preservative: Ice

Yes ☐ No ☑

Volatile Organics	
Semi Volatiles (ABN)	
Pesticides/PCB	
TAL Metals	✓
Cyanide	✓
Alkalinity/Hardness	
TCLP	
☐ VOA	
☐ ABN	
☐ METALS	
Asbestos	
Dioxin	
Oil and Grease	

Time: 1530

Month/Day/Year: 11/22/92

Station #: 10

Remarks: 2A17-19

Project Code 1 CLP Case #: 17700

Concentration: ☑ L ☐ M ☐ H

Tag Number: 6-005272

Lab Sample Number: MFQ339

342

USEPA – CLP Sample Login and Tracking Sheet

NFT, Inc. – 409 Corporate Circle – Golden, CO 80401 Page 1 of 2 for month 1 of year 1992 PAGE # 11

TOTALS				CYANIDE						MERCURY					ICP					GFA					REPORT					
JOB # CASE # SDG #	DATE REC'D (F–L)		#	#	SPK	DUP	CN DUE DATE	DIST DONE	READ DONE	#	SPK	DUP	HG DUE DATE	HG DONE	#	SPK	DUP	DIG DONE	ICP DONE	#	SPK	DUP	DIG DONE	GFA DONE	EPA DUE DATE	DATE SENT	DATE INV.	CCS REC'D	SDG RESB DUE	SDG RESB SENT
2A01	0109	S																							0214					
17625	0110	W	14							14	1	1	0204		14	1	1			14	1	1								
MYH207		COMMENTS: EPA QC #1																												
2A03		S																							0214					
17643	0110	W	4							4	2	2	0205		4	2	2			4	2	2								
MJJ511		COMMENTS: EPA QC #2																												
2A05	0114	S																							0221					
17625	0115	W	19							19	7	7	0209		19	7	7			19	7	7								
MYH221	0116 0117	COMMENTS: DO QC #7																												
2A07	0116	S	20	20	1	1	0128			20	1	1	0211		20	1	1			20	1	1			0225					
17686	0117 0120	W																												
MEBV90	0121	COMMENTS: EPA QC #1 * MED CONC																												
2A09	0117	S																							0224					
17687	0120	W	7							7	5	5	0212		7	5	5			7	5	5								
MGK082		COMMENTS: EPA QC #5																												
2A11	0120	S																							0224					
17686		W	6	6	4	4	0201			6	4	4	0215		6	4	4			6	4	4								
MEBV79		COMMENTS: EPA QC #4																												
2A13	0120	S																							0225					
17625	0121	W	11							11	2	2	0215		11	2	2			11	2	2								
MYH240		COMMENTS: EPA QC #2																												
2A15	0122	S	1							1	3	3	0217		1	3	3			1	3	3			0226					
17702		W	2							2	1	1	0217		2	1	1			2	1	1								
MX3225		COMMENTS: Quarterly PE's DO QC on #1W and #3S 3S = MED CONC																												
2A17	0124	S	20	20	14	14	0205			20	14	14	0219		20	14	14			20	14	14			0228					
17700		W																												
MFQ311		COMMENTS: EPA QC #14																												
2A19	0124	S																							0228					
17700		W	8	8	7	7	0205			8	7	7	0219		8	7	7			8	7	7								
MFQ315		COMMENTS: EPA QC #7																												
2A21	0124	S																							0228					
17716		W	3							3	3	3	0219		3	3	3			3	3	3								
MBBE79		COMMENTS: EPA QC #3																												
2A23	0127	S	1							1	1	1	0222		1	1	1			1	1	1			0302					
17754		W	1							1	2	2	0222		1	2	2			1	2	2								
MHAM34		COMMENTS: DO QC #1, #2																												

SAMPLE LOG-IN SHEET

Lab Name: NFT Inc

Page 1 of 1

Received By (Print Name): D. SMEDRA

Log-in Date: 01/24/92

Received By (Signature): D Smedra

Case Number: 17700

Sample Delivery Group No.: MFQ311

SAS Number:

REMARKS:

1. Custody Seal(s) Present/Absent* Intact/Broken
2. Custody Seal Nos.: 1/23/92
3. Chain-of-Custody Records Present/Absent*
4. Traffic Reports or Packing List Present/Absent*
5. Airbill Airbill/Sticker Present/Absent*
6. Airbill No.: 0627899366
7. Sample Tags Present/Absent*
   Sample Tag Numbers Listed/Not Listed on Chain-of-Custody
8. Sample Condition: Intact/Broken*/Leaking
9. Does information on custody records, traffic reports, and sample tags agree? Yes/No*
10. Date Received at Lab: 01/24/92
11. Time Received: 0850

Sample Transfer

Fraction: _____ _____

Area #: _____ _____

By: _____ _____

On: _____ _____

EPA SAMPLE #	CORRESPONDING SAMPLE TAG #	CORRESPONDING ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
S MFQ311	6-005279	2A17-1	OK TM+CN
12	80	2	
13	81	3	
14	82	4	
24	74	5	
26	63	6	
27	64	7	
28	65	8	
29	68	9	
30	69	10	
31	75	11	
32	78	12	
33	77	13	
34	76	14	EPA QC
35	66	15	
36	67	16	
37	70	17	
38	71	18	
39	72	19	
40	73	20	

* Contact SMO and attach record of resolution

Reviewed By: _____

Date: _____

Logbook No.: 2

Logbook Page No: 88

FORM DC-1

3/90

SAMPLE DATA GROUP COVER SHEET

United States Environmental Protection Agency - Contract Lab Program

Lab Name : NFT, Inc.

Contract Number : 68D00145

Sample Analysis Price : $91.00

Case Number : 17700

Sample Data Group Number: MFQ311

	EPA Sample Number	Date Rec'd	
*1.	MFQ311	01/24/92	* first sample rec'd
2.	MFQ312	01/24/92	** last sample rec'd
3.	MFQ313	01/24/92	
4.	MFQ314	01/24/92	
5.	MFQ324	01/24/92	
6.	MFQ326	01/24/92	
7.	MFQ327	01/24/92	
8.	MFQ328	01/24/92	
9.	MFQ329	01/24/92	
10.	MFQ330	01/24/92	
11.	MFQ331	01/24/92	
12.	MFQ332	01/24/92	
13.	MFQ333	01/24/92	
14.	MFQ334	01/24/92	
15.	MFQ335	01/24/92	
16.	MFQ336	01/24/92	
17.	MFQ337	01/24/92	
18.	MFQ338	01/24/92	
19.	MFQ339	01/24/92	
**20.	MFQ340	01/24/92	

NFT Incorporated
409 Corporate Circle
Golden, CO 80401

Job(s) 2A17, 19

Sample Scheduling Telephone Log

From EPA Rep Etta Reyes Date 1/16/92 Time 1350

To NFT Rep Diana
print sign

Case Number 17700 Region Number 6

# 9	☒ Lo	☒ TM	# 18	☒ Lo	☒ TM	#	☐ Lo	☐ TM
☐ Soil	☐ Me	☐ DM	☒ Soil	☐ Me	☐ DM	☐ Soil	☐ Me	☐ DM
☒ Water	☐ Hi	☒ CN	☐ Water	☐ Hi	☒ CN	☐ Water	☐ Hi	☐ CN
#	☐ Lo	☐ TM	#	☐ Lo	☐ TM	#	☐ Lo	☐ TM
☐ Soil	☐ Me	☐ DM	☐ Soil	☐ Me	☐ DM	☐ Soil	☐ Me	☐ DM
☐ Water	☐ Hi	☐ CN	☐ Water	☐ Hi	☐ CN	☐ Water	☐ Hi	☐ CN

To Be Shipped Week of 20th

Comments

Sample Shipment Telephone Log

From EPA Rep Margo Date 1/24/92 Time 1000

To NFT Rep Diana
print sign

Case Number 17700 Region Number 6

# 20	☒ Lo	☒ TM	# 8	☒ Lo	☒ TM	#	☐ Lo	☐ TM
☒ Soil	☐ Me	☐ DM	☐ Soil	☐ Me	☐ DM	☐ Soil	☐ Me	☐ DM
☐ Water	☐ Hi	☒ CN	☒ Water	☐ Hi	☒ CN	☐ Water	☐ Hi	☐ CN
#	☐ Lo	☐ TM	#	☐ Lo	☐ TM	#	☐ Lo	☐ TM
☐ Soil	☐ Me	☐ DM	☐ Soil	☐ Me	☐ DM	☐ Soil	☐ Me	☐ DM
☐ Water	☐ Hi	☐ CN	☐ Water	☐ Hi	☐ CN	☐ Water	☐ Hi	☐ CN

Shipping Date 1/23/92 Carrier _____ Airbill # 0627899366
9370

Comments 1/23/92

COMPLETE

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-1
SOIL

346

EPA Sample No. MFQ311 SDG No. MFQ311 Case No. 17700

Sample Stored By: Sample Withdrawl Authorized:

Signature	Date	Time	Signature	Date	Time
[illegible]	01/24/92	0850	[illegible]	01/24/92	1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/ % Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. [illegible] Signature	1/29/92 Date	0755 Time	1/29/92 Date	0905 Time
2. [illegible] Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. [illegible] Signature	020892 Date	0100 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-2
SOIL

347

EPA Sample No. MFQ312 SDG No. MFQ311 Case No. 17700

Sample Stored By:

Signature	Date	Time
[illegible]	01/24/92	0850

Sample Withdrawl Authorized:

Signature	Date	Time
[illegible]	012492	1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/ % Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
	Date	Time	Date	Time
1. [illegible] Signature	1/29/92	0755	1/29/92	0905
2. [illegible] Signature	2-5-92	1200	2-5-92	1430
3. [illegible] Signature	020592	0700	020592	0830
4. Signature				
5. Signature				
6. Signature				
7. Signature				
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-3
SOIL

348

EPA Sample No. MFQ313 SDG No. MFQ311 Case No. 17700

Sample Stored By: Sample Withdrawl Authorized:

Signature	Date	Time	Signature	Date	Time
[illegible]	01/24/92	0850	[illegible]	012492	1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. Signature	1/29/92 Date	0755 Time	1/29/92 Date	0805 Time
2. Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-4
SOIL

349

EPA Sample No. MFQ314 SDG No. MFQ311 Case No. 17700

Sample Stored By: Signature / Date 01/24/92 Time 0850

Sample Withdrawl Authorized: Signature / Date 012492 Time 1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA 1% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. Signature	1/29/92 Date	0955 Time	1/29/92 Date	0905 Time
2. Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-5
SOIL

350

EPA Sample No. MFQ324 SDG No. MFQ311 Case No. 17700

Sample Stored By:

Signature 01/24/92 Date 0850 Time

Sample Withdrawl Authorized:

Signature 012492 Date 1700 Time

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA / % Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. Signature	1/29/92 Date	0755 Time	1/29/92 Date	0905 Time
2. Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-6
SOIL

EPA Sample No. MFQ326 SDG No. MFQ311 Case No. 17700

Sample Stored By: [signature] 01/24/92 0850
Signature Date Time

Sample Withdrawl Authorized: [signature] 012492 1700
Signature Date Time

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted /		Relinquished	
1. [signature] Signature	1/29/92 Date	0255 Time	1/29/92 Date	0905 Time
2. [signature] Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. [signature] Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-7
SOIL

352

EPA Sample No. MFQ327 SDG No. MFQ311 Case No. 17700

Sample Stored By: [signature] 01/24/92 0850
Signature Date Time

Sample Withdrawl Authorized: [signature] 012492 1700
Signature Date Time

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. [signature] Signature	1/29/92 Date	0955 Time	1/29/92 Date	0905 Time
2. [signature] Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. [signature] Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-8
SOIL

EPA Sample No. MFQ328 SDG No. MFQ311 Case No. 17700

Sample Stored By: Sample Withdrawl Authorized:

Signature	Date	Time	Signature	Date	Time
[signature]	DS 01/24/92	0850	[signature]	012492	1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/ % Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
	Date	Time	Date	Time
1. [signature] Signature	1/29/92	0755	1/29/92	0905
2. [signature] Signature	2-5-92	1200	2-5-92	1430
3. [signature] Signature	020892	0700	020892	0830
4. Signature				
5. Signature				
6. Signature				
7. Signature				
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-9
SOIL

354

EPA Sample No. MFQ329 SDG No. MFQ311 Case No. 17700

Sample Stored By: [signature] 01/24/92 0850
Signature Date Time

Sample Withdrawl Authorized: [signature] 012492 1700
Signature Date Time

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted / Relinquished			
1. [signature] Signature	1/29/92 Date	0755 Time	1/29/92 Date	0905 Time
2. [signature] Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. [signature] Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-10
SOIL

355

EPA Sample No. MFQ330 SDG No. MFQ311 Case No. 17700

Sample Stored By: Sample Withdrawl Authorized:

Signature	Date	Time	Signature	Date	Time
[illegible]	01/24/92	0850	[illegible]	02/4/92	1100

Laboratory Processing Steps	Aliquoted	Comment
1. CN⁻	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted /		Relinquished	
	Date	Time	Date	Time
1. [illegible] Signature	1/30/92	0820	1/30/92	0950
2. [illegible] Signature	2-5-92	1200	2-5-92	1430
3. [illegible] Signature	020892	0700	020892	0830
4. Signature				
5. Signature				
6. Signature				
7. Signature				
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-11
SOIL

356

EPA Sample No. MFQ331 SDG No. MFQ311 Case No. 17700

Sample Stored By: 01/24/92 0850
Signature Date Time

Sample Withdrawl Authorized: 012492 1700
Signature Date Time

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/ % Solids	12.0 gm	
3. Hg	gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. Signature	1/30/92	0820	1/30/92	0950
2. Signature	2-5-92	1200	2-5-92	1430
3. Signature	020892	0700	020892	0830
4. Signature				
5. Signature				
6. Signature				
7. Signature				
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-12
SOIL

357

EPA Sample No. MFQ332 SDG No. MFQ311 Case No. 17700

Sample Stored By:

Signature	Date	Time
[signature]	01/24/92	0850

Sample Withdrawl Authorized:

Signature	Date	Time
[signature]	012492	1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. [signature] Signature	1/30/92 Date	0820 Time	1/30/92 Date	0950 Time
2. [signature] Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. [signature] Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-13
SOIL

358

EPA Sample No. MFQ333 SDG No. MFQ311 Case No. 17700

Sample Stored By: [signature] 01/24/92 0850
Signature Date Time

~~Sample~~ Withdrawl Authorized: [signature] 012492 1700
Signature Date Time

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted / Relinquished			
1. [signature] Signature	1/30/92 Date	0820 Time	1/30/92 Date	0950 Time
2. [signature] Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. [signature] Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-14
SOIL

359

EPA Sample No. MFQ334 SDG No. MFQ311 Case No. 17700

Sample Stored By: Sample Withdrawl Authorized:

Signature	Date	Time	Signature	Date	Time
[signature]	01/24/92	0850	[signature]	012492	1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN⁻	3.0 gm	
2. ICP/GFA/ % Solids	26.0 gm	
3. Hg	0.6 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. Signature	1/30/92	0820	1/30/92	0850
2. Signature	2-5-92	1200	2-5-92	1430
3. Signature	020892	0700	020892	0830
4. Signature				
5. Signature				
6. Signature				
7. Signature				
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-15
SOIL

360

EPA Sample No. MFQ335 SDG No. MFQ311 Case No. 17700

Sample Stored By: Sample Withdrawl Authorized:

Signature	Date	Time	Signature	Date	Time
[illegible]	01/24/92	0850	[illegible]	012492	1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA / % Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Signature	Custody Accepted Date	Time	Relinquished Date	Time
1.	[illegible]	1/30/92	0820	1/30/92	0950
2.	[illegible]	2-5-92	1200	2-5-92	1430
3.	[illegible]	020892	0700	020892	0830
4.					
5.					
6.					
7.					
8.					

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-16
SOIL

361

EPA Sample No. MFQ336 SDG No. MFQ311 Case No. 17700

Sample Stored By: Signature [signature] Date 01/24/92 Time 0850

Sample Withdrawl Authorized: Signature [signature] Date 02/4/92 Time 1100

Laboratory Processing Steps	Aliquoted	Comment
1. CN	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Signature	Custody Accepted Date	Time	Relinquished Date	Time
1.	[signature]	1/30/92	0820	1/30/92	0950
2.	[signature]	2-5-92	1200	2-5-92	1430
3.	[signature]	02/08/92	0700	02/08/92	0830
4.					
5.					
6.					
7.					
8.					

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-17
SOIL

362

EPA Sample No. MFQ337 SDG No. MFQ311 Case No. 17700

Sample Stored By:

Signature Date 01/24/92 Time 0850

Sample Withdrawl Authorized:

Signature Date 01/24/92 Time 1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN-	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
1. Signature	Date 2/4/92	Time 0805	Date 2/4/92	Time 0910
2. Signature	Date 2-5-92	Time 1200	Date 2-5-92	Time 1430
3. Signature	Date 02089	Time 0700	Date 02089	Time 0830
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-18
SOIL

363

EPA Sample No. MFQ338 SDG No. MFQ311 Case No. 17700

Sample Stored By:

Signature	Date	Time
[illegible]	01/24/92	0850

Sample Withdrawl Authorized:

Signature	Date	Time
[illegible]	02/4/92	1700

Laboratory Processing Steps	Aliquoted	Comment
1. CN-	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
	Date	Time	Date	Time
1. Signature	2/4/92	0805	2/4/92	0810
2. Signature	2-5-92	1200	2-5-92	1430
3. Signature	020892	0700	020892	0830
4. Signature				
5. Signature				
6. Signature				
7. Signature				
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-19
SOIL

364

EPA Sample No. MFQ339 SDG No. MFQ311 Case No. 17700

Sample Stored By: Sample Withdrawl Authorized:

Signature	Date	Time	Signature	Date	Time
[illegible]	01/24/92	0850	[illegible]	012492	1700

Laboratory Processing Steps	Aliquoted	Comment
1. AN	1.0 gm	
2. ICP/GFA 1% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted		Relinquished	
	Date	Time	Date	Time
1. [illegible] Signature	2/4/92	0805	2/4/92	0910
2. [illegible] Signature	2-5-92	1200	2-5-92	1430
3. [illegible] Signature	020892	0700	020892	0830
4. Signature				
5. Signature				
6. Signature				
7. Signature				
8.				

NFT Incorporated

USEPA SAMPLE STORAGE LOG
LABORATORY ROUTE SHEET

2A17-20
SOIL

365

EPA Sample No. MFQ340 SDG No. MFQ311 Case No. 17700

Sample Stored By: [signature] 01/24/92 0850
Signature Date Time

Sample Withdrawl Authorized: [signature] 012492 1700
Signature Date Time

Laboratory Processing Steps	Aliquoted	Comment
1. CN-	1.0 gm	
2. ICP/GFA/% Solids	12.0 gm	
3. Hg	0.2 gm	
4.	gm	
5.	gm	
6.	gm	
7.	gm	
8.	gm	

Chain of Custody	Custody Accepted / Relinquished			
1. [signature] Signature	2/4/92 Date	0805 Time	2/4/92 Date	0910 Time
2. [signature] Signature	2-5-92 Date	1200 Time	2-5-92 Date	1430 Time
3. [signature] Signature	020892 Date	0700 Time	020892 Date	0830 Time
4. Signature	Date	Time	Date	Time
5. Signature	Date	Time	Date	Time
6. Signature	Date	Time	Date	Time
7. Signature	Date	Time	Date	Time
8.				

020592 D. Seymour ICP/GFA Digestion
Job 2A17 SDG# MFQ311 20- Soils

Sample	GFA wt gm	GFA Final Vol ml	ICP wt gm	ICP Final Vol ml	Post ICP Digestion Texture/Color	Post ICP Digestion Color
PBS	—	200.00	—	200.00	—	—
LCSS	1.00		1.00		—	—
2A17-1					Fine/Brown	Brown
2					Medium/Brown	Tan
3					Medium/Brown	Tan
4					Medium/Brown	Tan
5					Medium/Brown	Tan
6					Medium/Brown	Brown
7					Medium/Brown	Brown
8					Medium/Brown	Tan
9					Medium/Brown	Tan
10					Medium/Brown	Tan
11					Coarse/Brown	Tan
12					Medium/Brown	Tan
13					Medium/Brown	Tan
14					Medium/Brown	Tan
14D						
14S						
15					Medium/Brown	Tan
16					Fine/Brown	Brown
17					Medium/Brown	Tan
18					Medium/Brown	Tan
19					Medium/Brown	Tan
20					Fine/Brown	Tan

The soils were weighted out on 020592 and were digested on 020692.

Day L Day
020592

DCS
2-6-92

020892 R.L. Keil Hg in Soil

JOB 2A07 SDG # MEBV90 20 soils 367

JOB 2A17 SDG # MFQ311 20 soils

JOB 2A15 SDG # MX3225 1 soil (7E)

~~J~~ RK

Sample		wt, gm (vol, ml)	Sample	wt, gm (vol, ml)
S0	blank	(in 10.0 ml)	2A07-14	0.20 gm
S0.5	50 ng Hg		15	0.20 gm
S1	100 ng		CCV	(in 10.0 ml)
S2.5	250 ng		CCB	(in 10.0 ml)
S5	500 ng		2A07-16	0.20 gm
S10	1000 ng		17	
ICV	500 ng		18	
ICB			19	
CRA	20 ng		20	
PBS			PBS	(in 10.0 ml)
LCSS		0.20 gm	LCSS	0.20 gm
2A07-1			2A17-1	
10			2	
13	+100 ng		3	
2			CCV	(in 10.0 ml)
3			CCB	(in 10.0 ml)
4			2A17-4	0.20 gm
5			5	
CCV		(in 10.0 ml)	6	
CCB		(in 10.0 ml)	7	
2A07-6		0.20 gm	8	
7			9	
8			10	
9			11	
10			12	
11			13	
12			CCV	(in 10.0 ml)
13			CCB	(in 10.0 ml)

continued next page

020892 (con't) R.L. Keil Hg in Soils

JOB 2A07 SDG # MEBU90 20 soils

JOB 2A17 SDG # MFQ311 20 soils

JOB 2A15 SDG # MK3225 1 soil

Sample	wt, gm (vol, ml)
2A17-14	0.20 gm
14D	↓
14S	
15	
16	
17	
18	
19	
20	
CCV	(in 10.0 ml)
CCB	(in 10.0 ml)
PBS	(in 10.0 ml)
LCSS	0.20 gm
2A15-3	↓
3D	
3S	
PBS	(in 10.0 ml)
LCSS	0.20 gm
2A15-3	↓
3D	
3S	
CCV	(in 10.0 ml)
CCB	(in 10.0 ml)

020892

Percent Solids Worksheet

Analyst :

Date : 02/11/92

Lab Sample ID	Crucible Weight	Wet Weight & Crucible	Wet Weight	Dry Weight & Crucible	Dry Weight	% Solids	Save
2A17-1	2.410	12.410	10.000	9.030	6.620	66.20	Y
2A17-2	2.460	12.460	10.000	11.260	8.800	88.00	Y
2A17-3	2.420	12.420	10.000	11.730	9.310	93.10	Y
2A17-4	2.280	12.280	10.000	10.750	8.470	84.70	Y
2A17-5	2.450	12.450	10.000	11.630	9.180	91.80	Y
2A17-6	2.390	12.390	10.000	11.540	9.150	91.50	Y
2A17-7	2.400	12.400	10.000	11.610	9.210	92.10	Y
2A17-8	2.450	12.450	10.000	11.270	8.820	88.20	Y
2A17-9	2.470	12.470	10.000	8.330	5.860	58.60	Y
2A17-10	2.460	12.460	10.000	11.800	9.340	93.40	Y
2A17-11	2.480	12.480	10.000	12.000	9.520	95.20	Y
2A17-12	2.420	12.420	10.000	12.180	9.760	97.60	Y
2A17-13	2.440	12.440	10.000	11.200	8.760	87.60	Y
2A17-14	2.420	12.420	10.000	11.500	9.080	90.80	Y
2A17-14D	2.440	12.440	10.000	11.520	9.080	90.80	Y
2A17-15	2.410	12.410	10.000	10.550	8.140	81.40	Y
2A17-16	2.310	12.310	10.000	10.090	7.780	77.80	Y
2A17-17	2.230	12.230	10.000	9.980	7.750	77.50	Y
2A17-18	2.280	12.280	10.000	10.370	8.090	80.90	Y
2A17-19	2.450	12.450	10.000	11.880	9.430	94.30	Y
2A17-20	2.440	12.440	10.000	11.600	9.160	91.60	Y

020592 % Solids D. Seymour
JOB 2A17 SDG# MFQ 311 20-soils

Sample	Tare	Gross Wet	Gross Dry
Blank	2.46	2.46	2.46
2A17-1	2.41	12.41	9.03
2	2.46	12.46	11.26
3	2.42	12.42	11.73
4	2.28	12.28	10.75
5	2.45	12.45	11.63
6	2.39	12.39	11.54
7	2.40	12.40	11.61
8	2.45	12.45	11.27
9	2.47	12.47	8.33
10	2.46	12.46	11.80
11	2.48	12.48	12.00
12	2.42	12.42	12.18
13	2.44	12.44	11.20
14	2.42	12.42	11.50
14D	2.44	12.44	11.52
15	2.41	12.41	10.55
16	2.31	12.31	10.09
17	2.23	12.23	9.98
18	2.28	12.28	10.37
19	2.45	12.45	11.88
20	2.44	12.44	11.60

Samples in the oven 020592 @ 1430 T 105°C
Samples out of the oven 020692 @ 0730 T 105°C
All weights on sartorius 1212 mp
Data Reduced by computer
Doug Day
020692

020592 D. Seymour ICP/GFA Digestion
Job 2A17 SDG# MFQ311 20- Soils

Sample	GFA wt gm	GFA Final Vol ml	ICP wt gm	ICP Final Vol ml	Post ICP Digestion Texture/Color	Post ICP Digestion Color
PBS	—	200.00	—	200.00	—	—
LCSS	1.00		1.00		—	
2A17-1					Fine/Brown	Brown
2					Medium/Brown	Tan
3					Medium/Brown	Tan
4					Medium/Brown	Tan
5					Medium/Brown	Tan
6					Medium/Brown	Brown
7					Medium/Brown	Brown
8					Medium/Brown	Tan
9					Medium/Brown	Tan
10					Medium/Brown	Tan
11					Coarse/Brown	Tan
12					Medium/Brown	Tan
13					Medium/Brown	Tan
14					Medium/Brown	Tan
14D						
14S						
15					Medium/Brown	Tan
16					Fine/Brown	Brown
17					Medium/Brown	Tan
18					Medium/Brown	Tan
19					Medium/Brown	Tan
20					Fine/Brown	Tan

The soils were weighted out on 020592 and were digested on 020692.

Day L Day
020592

DCS
2-6-92

Instrument Log P.E. 5100 AA

Date	Time	Oper Inits	Comments	Sens. Chan. Mas
1-28-92	15:01	DCS	Setup for As 2AØ5	As=19.3
1-29-92	7:30	DCS	Off	—
1-30-92	17:03	DCS	Setup for As1 2AØ5 RERUNS	As=22.0
1-31-92	9:09	DCS	Setup for As2 2AØ5 RERUNS	As=19.6
1-31-92	13:04	DCS	Setup for As 3 2AØ5 RERUNS	As=18.4
1-31-92	18:45	DCS	Off	—
2-3-92	7:53	DCS	Setup for As 4 2AØ5 / IDL's	As=19.6
2-3-92	12:20	DCS	Setup for Se 2AØ5 / IDL's	Se=25.[illegible]
2-3-92	15:08	DCS	Setup for Se 1 2AØ5 / IDL's	Se=27.2
2-4-92	7:25	DCS	Setup for Se 2 2AØ5 / IDL's	Se=25.0
2-4-92	12:18	DCS	Setup for Se 3 2AØ5 / IDL's New Tube	Se=26.0
2-4-92	14:56	DCS	Setup for Se 2AØ9 / 2A11	Se=22.4
2-5-92	8:06	DCS	Setup for Se 1 2AØ9 / 2A11 / 2AØ7	Se=27.6
2-6-92	10:03	DCS	Setup for As 2AØ7 / 2AØ9 / 2A11 New Tube	As=14.6
2-7-92	7:55	DCS	Setup for Pb 2AØ4 / 2A11	Pb=15.7
2-8-92	11:55	DCS	Off	—
2-10-92	8:12	DCS	Setup for Pb 2A13 / 2A19	Pb=18.9
2-10-92	12:19	DCS	Setup for Pb 1 2A13 / 2A19	Pb=20.4
2-11-92	8:45	DCS	Setup for Pb 1 2A13 / 2A19	Pb=18.[illegible]
2-11-92	15:03	DCS	Setup for As 2A13 / 2A19 Run no good LCSW out	As=30.3
2-12-92	8:14	DCS	Setup for As 2A13 / 2A19	As=17.8
2-12-92	17:13	DCS	Setup for Se 2A13 / 2A19 Run no good New Tube for Se	Se=31.0
2-13-92	7:57	DCS	Setup for Se 2A13 / 2A19	Se=24.1
2-14-92	8:54	DCS	Setup for Se 2A15 / 2A23	Se=31.[illegible]
2-14-92	14:04	DCS	Setup for Se 2A15 / 2A23 / 2A17	Se=—
2-15-92	10:00	DCS	Off	—
2-17-92	10:37	DCS	Setup for TL 2A15 / IDL's	TL=25.6
2-18-92	7:42	DCS	Setup for TL1 2A15 / IDL's New Tube for TL	TL=18.3
2-18-92	12:13	DCS	Setup for Pb 2A15 / 2A23 / 2A17 New Tube for Pb	Pb=13.0
2-19-92	7:20	DCS	Setup for Pb 2A17 / 2A21	Pb=17.4
2-19-92	13:38	DCS	Setup for Pb 2A25 / 2A27	Pb=14.[illegible]
2-19-92	20:41	DCS	Setup for As 2A15 / 2A23 / 2A21 New tube for As	As 20.5

DCS

Instrument Log P.E. 5100 A.A.

Date	Time	Oper Inits.	Comments	Seqs Char Mas
2-20-92	8:25	DCS	Setup for As 1 2A15/2A17	As = 23.3
2-20-92	18:30	DCS	Setup for As 2A17 RERUNS / 2A25/2A27	As = 21.4
2-21-92	8:40	DCS	Setup for Se 2A17/2A21 New tube for Se	Se = 24.5
2-21-92	15:01	DCS	Setup for Se1 2A17/2A21	Se = 25.0
2-22-92	7:00am	DCS	OFF	

Date	time	Action	Initials	Comments 374
02-12-92	2:00p	ON	DCS	
	2:34p	CLP_Y	DCS	IDL's / 2A21 / 2A25
2-12-92	5:30p	off	[illegible]	
2-13-92	12:30p	ON	DCS	
	1:00p	CLP_Y	DCS	2A17 / ICU out of Control RUN NO Good
	2:17p	OFF	DCS	
2-14-92	8:00A	ON	DCS	
	9:10A	CLP_Y	DCS	2A17 / 2A27
	2:30p	OFF	DCS	
2-18-92	7:30A	ON	DCS	
	8:33A	CLP_Y	DCS	2AØ9 Post Digestion Spike
	10:00A	OFF	DCS	