C2 and C66 Box 5

Extended Raw Data level III
8260B Initial Cal. Data
" Sample/QC Data (4)
TVPH level III $C_6 - C_8$
" Sample & QC Data $C_6 - C_8$ (3)
Initial Cal. Data
TEPH level III $C_8 - C_{40}$
" Sample & QC Data $C_8 - C_{40}$
Initial Cal. Data
TEPH Sample & QC Data $C_8 - C_{40}$ (3)
Initial Cal. Data
TEPH Sample & QC Data $C_8 - C_{40}$ (2)
Initial Cal. Data (3)
Supporting Raw Data

SEVERN
TRENT
SERVICES

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705-4808

Tel: 714 258 8610
Fax: 714 258 0921
www.stl-inc.com

November 1, 2000

STL LOT NUMBER: **E0J060329**

Rus Purcell
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 100
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the 30 samples received under chain of custody by STL Los Angeles on October 6, 2000. These samples are associated with your Boeing C6 project.

All applicable quality control procedures met method-specified acceptance criteria. Matrix related anomalies are footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,

Diane Suzuki
Project Manager

cc: Project File

BOE-C6-0170536

SEVERN TRENT LABORATORIES

Committed To Your Success

No. 201050

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 004032.01
SEND REPORT TO: Jay Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. Ste 100	BILL TO:
Irvine, Ca 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO. EOJ060329

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 METALS	8015 TPH	8082 PCB					REMARKS/PRECAUTIONS
	C-2-75-5	10-5-00	8:15	Soil	Poly Tube	ICE	1	X	X	X						
	C-2-75-10		8:30					X								
	C-2-76-1		8:45					X	X	X						
	C-2-76-5		8:47					X	X	X						
	C-2-77-5		9:00					X	X	X						
	C-2-77-10		9:05					X								
	C-2-78-1		9:30					X	X	X						
	C-2-78-5		9:35					X	X	X						
	C-2-79-5		9:45					X	X	X						
	C-2-79-10	10-5-00	9:50	Soil	Poly Tube	ICE	1	X								

SAMPLER: Tim

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Tim Doyle	10/5/00	SIGNATURE:	10-5-00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 16:00	PRINTED NAME/COMPANY: SR	TIME 1730	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	10-5-00	SIGNATURE: Dolfo Villalobos	10-05	SIGNATURE:	
PRINTED NAME/COMPANY: SR	TIME 1600	PRINTED NAME/COMPANY: STL	TIME 1845	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

000002

SEVERN TRENT LABORATORIES
1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

BOE-C6-0170537

SEVERN TRENT LABORATORIES

Committed To Your Success

No. 201052

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennon Junks	PROJECT NAME/NUMBER: 004032-01
SEND REPORT TO: Jay Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. Ste 100	BILL TO:
Irvine Ca 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO. E0J060329

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 metals	8015 TPH	8082 PCB					REMARKS/PRECAUTIONS
	C-2-80-1	10-5-00	10:10	Soil	Poly Tube	Ice	1	X	X	X						
	C-2-80-5		10:15					X	X	X						
	C-2-81-5		11:10					X	X	X						
	C-2-81-10		11:15					X								
	C-2-82-1		11:30					X	X	X						
	C-2-82-5		11:35					X	X	X						
	C-2-83-5		13:00					X	X	X						
	C-2-83-10		13:05					X								
	C-2-84-5		13:30					X	X	X						
	C-2-84-10	10-5-00	13:40	Soil	Poly Tube	Ice	1	X								

SAMPLER: Tim

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	10/5/00	SIGNATURE:	10-5-00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 1600	PRINTED NAME/COMPANY: SR	TIME 1735	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	10-5-00	SIGNATURE: Ronald Villalobos	10 5	SIGNATURE:	
PRINTED NAME/COMPANY: SJR	TIME 1600	PRINTED NAME/COMPANY: STL	TIME 18:45	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

000003

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1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

SEVERN TRENT LABORATORIES

Committed To Your Success

No. 201054

CHAIN OF CUSTODY RECORD

BOE-C6-0170538

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 004032.00
SEND REPORT TO: Jay Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. Ste 100	BILL TO:
Irvine, Ca 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO. EAJ060329

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 Metals	8015 TPH	8082 PCB's					REMARKS/PRECAUTIONS
	C-2-85-5	10-5-00	14:00	Soil	Poly Liner	ICE	1	X	X	X						
	C-2-85-10		14:05				1	X								
	C-2-86-5		14:20				1	X	X	X						
	C-2-86-10		14:25				1	X								
	C-2-87-5		14:35				1	X	X	X						
	C-2-87-10		14:40				1	X								
	C-2-88-1		15:10				1	X	X	X						
	C-2-88-5		15:15	Soil	Poly Liner		1	X	X	X						
	C-2-10/5 Rinsate	10-5-00	15:30	w	VOA		2	X								
						ICE										

SAMPLER: Tim

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Tim Doyle	10/5/00	SIGNATURE:	10-5-00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 16:00	PRINTED NAME/COMPANY: SVL	TIME 1724	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	10-5-00	SIGNATURE: Adolfo Villalobos	10 05	SIGNATURE:	
PRINTED NAME/COMPANY: SVL	TIME 1600	PRINTED NAME/COMPANY: SVL	TIME 18:45	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

000004

SEVERN TRENT LABORATORIES
1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 10-05-00

Quantims Lot #: EOJ060329

Quote #:

Client Name: KENNEDY JENKS

Project: 004032 -01

Received by: AV

Date/Time Received: 10 05 1845

Delivered by : ☐Client ☐Airborne ☐Fed Ex ☐DHL ☐Ultra-Ex ☐Rey B. ☐UPS ☐DES ☒Other MIKE HERNANDEZ

Initial / Date

Custody Seal Status: ☒Intact ☐Broken ☐None ..... AV 10/5

Custody Seal #(s): ☒No Seal # .....

Sample Container(s): ☐STL-LA ☐Client ☐N/A .....

Temperature(s) (COOLER/BLANK) in °C: 20.0 (CORRECTED TEMP).....

Thermometer Used : ☒IR (Infra-red) ☐Digital (Probe) .....

Samples: ☐Intact ☐Broken ☐Other _____.....

Anomalies: ☐No ☐Yes (See Clouseau) .....

Labeled by .....

Labeling checked by .....

Turn Around Time: ☐RUSH-24HR ☐RUSH-48HR ☐RUSH-72HR ☒NORMAL .....

Short-Hold Notification: ☐Ph ☐Wet Chem ☐Metals (Filter/Pres) ☐Encore ☐N/A ...

Outside Analysis(es) (Test/Lab/Date Sent Out) :

_____ .....

_____ .....

_____ .....

_____ .....

•••••••••• LEAVE NO BLANK SPACES ; USE N/A ••••••••••

Fraction	11028	29	TB*								PH
VOAh /*		2	3								N/A
Sleeves	1										

h:HCl na:Sodium Hydroxide znac:Zinc Acetate/Sodium Hydroxide s: H2SO4 n:HNO3 n/f:HNO3-Field filtered n/fl:HNO3-Lab filtered

CGJ:Clear Glass Jar CGB:Clear Glass Bottle AGJ:Amber Glass Jar AGB:Amber Glass Bottle PB: Poly Bottle E:Encore Sampler V:VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: 10/9/00 REVIEWED BY/DATE: 10/9/00

000005

STL Los Angeles
Condition Upon Receipt Anomaly Report (CUR)

SEVERN TRENT SERVICES

Client: KENNEDY JENKS Date/Time 10-06-00 11:00
Lot No: EOJ060329 Initiated by:

Affected samples		Chain of Custody #
Client ID	Lab ID	Analyses Requested
T.B. rec'd not on COC		placed on Hold
& not logged in		

CONDITION/ANOMALY/VARIANCE (CHECK ALL THAT APPLY):

- COOLERS
  - ☐ Not Received, No (COC)
  - ☐ Not Received but COC (s) Available
  - ☐ Leaking
  - ☐ Other: _____
- CUSTODY SEALS (COOLER(S)/CONTAINER(S)
  - ☐ None
  - ☐ Not Intact
  - ☐ Other _____
- TEMPERATURE (SPECS 4 ± 2°C)
  - ☐ Cooler Temp(s) _____
  - ☐ Temperature Blank(s) _____
- CHAIN OF CUSTODY (COC)
  - ☐ Not relinquished by Client; No date/time relinquished
  - ☐ Incomplete information provided
  - ☐ Other _____
- CONTAINERS
  - ☐ Leaking
  - ☐ Broken
  - ☐ Extra
  - ☐ Without Labels
  - ☐ VOA Vials with Headspace _____ mm
  - ☐ Other: _____
- CONTAINERS LABELS
  - ☐ Not the same ID/info as in COC
  - ☐ Incomplete Information
    - ☐ Preservative
    - ☐ Collection _____ Time _____ Date
  - ☐ Markings/Info illegible
  - ☐ Torn
  - ☐ Other _____
- SAMPLES
  - ☐ Samples NOT RECEIVED but listed on COC
  - ☒ Samples received but NOT LISTED on COC
  - ☐ Logged based on Label Information
  - ☐ Logged based on info from other samples on COC
  - ☐ Logged according to Work Plan
  - ☐ Logged on HOLD UNTIL FURTHER NOTICE
  - ☐ Other _____
  - ☐ Will be noted on COC--Client to send samples with new COC
  - ☐ Mislabeled as to tests, preservatives, etc.
  - ☐ Holding time expired
  - ☐ Improper container used
  - ☐ Not preserved/Improper preservative used
  - ☐ Improper pH _____ Lab to preserve sample and document
  - ☐ Insufficient quantities for analysis

Comments _____

Corrective Action Implemented:
- ☐ Client Informed: verbally on _____ By: _____ In writing on _____ By: _____
- ☐ Sample(s) processed "as is." _____
- ☐ Sample(s) on hold until: _____ If released, notify: _____

Sample Control Supervisor Review: _____ Date: _____
Project Management Review: _____ Date: 10/9/00

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-75-5 10/05/00 08:15 001				
C6-C8	0.18 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.033 B	0.10	mg/kg	SW846 7471A
Aluminum	23700	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Barium	104	2.0	mg/kg	SW846 6010B
Chromium	28.0	1.0	mg/kg	SW846 6010B
Beryllium	0.78	0.50	mg/kg	SW846 6010B
Lead	5.7	0.50	mg/kg	SW846 6010B
Cobalt	10.4	5.0	mg/kg	SW846 6010B
Copper	48.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.63 B	4.0	mg/kg	SW846 6010B
Nickel	17.7	4.0	mg/kg	SW846 6010B
Vanadium	58.6	5.0	mg/kg	SW846 6010B
Zinc	57.9	2.0	mg/kg	SW846 6010B
Trichloroethene	4.5 J	5.0	ug/kg	SW846 8260B
C-2-75-10 10/05/00 08:30 002				
Trichloroethene	35	5.0	ug/kg	SW846 8260B
C-2-76-1 10/05/00 08:45 003				
C6-C8	0.18 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.097 B	0.10	mg/kg	SW846 7471A
Aluminum	9710	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Antimony	0.36 B	6.0	mg/kg	SW846 6010B
Barium	95.4	2.0	mg/kg	SW846 6010B
Chromium	15.6	1.0	mg/kg	SW846 6010B
Beryllium	0.37 B	0.50	mg/kg	SW846 6010B
Lead	18.8	0.50	mg/kg	SW846 6010B
Cobalt	5.6	5.0	mg/kg	SW846 6010B
Copper	86.4	2.5	mg/kg	SW846 6010B
Molybdenum	0.64 B	4.0	mg/kg	SW846 6010B
Nickel	9.6	4.0	mg/kg	SW846 6010B
Vanadium	28.8	5.0	mg/kg	SW846 6010B
Zinc	49.4	2.0	mg/kg	SW846 6010B
Toluene	3.0 J	5.0	ug/kg	SW846 8260B
Trichloroethene	16	5.0	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-76-5 10/05/00 08:47 004				
Total Carbon Chain Range	5.7 J	10	mg/kg	SW846 8015B
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.047 B	0.10	mg/kg	SW846 7471A
Aluminum	23500	20.0	mg/kg	SW846 6010B
Arsenic	4.1	1.0	mg/kg	SW846 6010B
Barium	152	2.0	mg/kg	SW846 6010B
Chromium	27.9	1.0	mg/kg	SW846 6010B
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	5.5	0.50	mg/kg	SW846 6010B
Cobalt	11.9	5.0	mg/kg	SW846 6010B
Copper	19.9	2.5	mg/kg	SW846 6010B
Molybdenum	0.42 B	4.0	mg/kg	SW846 6010B
Nickel	21.8	4.0	mg/kg	SW846 6010B
Vanadium	57.8	5.0	mg/kg	SW846 6010B
Zinc	62.4	2.0	mg/kg	SW846 6010B
C-2-77-5 10/05/00 09:00 005				
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.051 B	0.10	mg/kg	SW846 7471A
Aluminum	25700	20.0	mg/kg	SW846 6010B
Arsenic	4.4	1.0	mg/kg	SW846 6010B
Barium	110	2.0	mg/kg	SW846 6010B
Chromium	29.2	1.0	mg/kg	SW846 6010B
Beryllium	0.77	0.50	mg/kg	SW846 6010B
Lead	6.1	0.50	mg/kg	SW846 6010B
Cobalt	12.4	5.0	mg/kg	SW846 6010B
Copper	20.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.50 B	4.0	mg/kg	SW846 6010B
Nickel	23.5	4.0	mg/kg	SW846 6010B
Vanadium	62.4	5.0	mg/kg	SW846 6010B
Zinc	65.8	2.0	mg/kg	SW846 6010B
C-2-78-1 10/05/00 09:30 007				
C6-C8	0.15 J,B	1.0	mg/kg	SW846 8015B
Aluminum	12200	20.0	mg/kg	SW846 6010B
Arsenic	2.0	1.0	mg/kg	SW846 6010B
Barium	92.3	2.0	mg/kg	SW846 6010B
Chromium	17.3	1.0	mg/kg	SW846 6010B
Beryllium	0.44 B	0.50	mg/kg	SW846 6010B
Lead	4.4	0.50	mg/kg	SW846 6010B
Cobalt	9.6	5.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-78-1 10/05/00 09:30 007				
Copper	14.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.52 B	4.0	mg/kg	SW846 6010B
Nickel	10.9	4.0	mg/kg	SW846 6010B
Vanadium	36.6	5.0	mg/kg	SW846 6010B
Zinc	31.1	2.0	mg/kg	SW846 6010B
C-2-78-5 10/05/00 09:35 008				
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.060 B	0.10	mg/kg	SW846 7471A
Aluminum	25300	20.0	mg/kg	SW846 6010B
Arsenic	4.8	1.0	mg/kg	SW846 6010B
Barium	101	2.0	mg/kg	SW846 6010B
Chromium	29.0	1.0	mg/kg	SW846 6010B
Beryllium	0.80	0.50	mg/kg	SW846 6010B
Lead	6.3	0.50	mg/kg	SW846 6010B
Cobalt	12.7	5.0	mg/kg	SW846 6010B
Copper	23.3	2.5	mg/kg	SW846 6010B
Molybdenum	0.73 B	4.0	mg/kg	SW846 6010B
Nickel	25.9	4.0	mg/kg	SW846 6010B
Vanadium	63.4	5.0	mg/kg	SW846 6010B
Zinc	64.0	2.0	mg/kg	SW846 6010B
C-2-79-5 10/05/00 09:45 009				
Total Carbon Chain Range	6.1 J	10	mg/kg	SW846 8015B
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.061 B	0.10	mg/kg	SW846 7471A
Aluminum	24200	20.0	mg/kg	SW846 6010B
Arsenic	3.6	1.0	mg/kg	SW846 6010B
Barium	139	2.0	mg/kg	SW846 6010B
Chromium	28.7	1.0	mg/kg	SW846 6010B
Beryllium	0.68	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	11.0	5.0	mg/kg	SW846 6010B
Copper	18.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.38 B	4.0	mg/kg	SW846 6010B
Nickel	20.8	4.0	mg/kg	SW846 6010B
Vanadium	57.8	5.0	mg/kg	SW846 6010B
Zinc	59.8	2.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-79-10 10/05/00 09:50 010				
Trichloroethene	2.8 J	5.0	ug/kg	SW846 8260B
C-2-80-1 10/05/00 10:10 011				
Total Carbon Chain Range	5.8 J	10	mg/kg	SW846 8015B
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Aluminum	11100	20.0	mg/kg	SW846 6010B
Arsenic	2.1	1.0	mg/kg	SW846 6010B
Barium	101	2.0	mg/kg	SW846 6010B
Chromium	15.8	1.0	mg/kg	SW846 6010B
Beryllium	0.40 B	0.50	mg/kg	SW846 6010B
Lead	4.6	0.50	mg/kg	SW846 6010B
Cobalt	9.0	5.0	mg/kg	SW846 6010B
Copper	15.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.40 B	4.0	mg/kg	SW846 6010B
Nickel	10.4	4.0	mg/kg	SW846 6010B
Vanadium	33.0	5.0	mg/kg	SW846 6010B
Zinc	32.5	2.0	mg/kg	SW846 6010B
Trichloroethene	10	5.0	ug/kg	SW846 8260B
C-2-80-5 10/05/00 10:15 012				
Total Carbon Chain Range	7.4 J	10	mg/kg	SW846 8015B
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.11	0.10	mg/kg	SW846 7471A
Aluminum	27300	20.0	mg/kg	SW846 6010B
Arsenic	4.2	1.0	mg/kg	SW846 6010B
Barium	163	2.0	mg/kg	SW846 6010B
Chromium	34.5	1.0	mg/kg	SW846 6010B
Beryllium	0.78	0.50	mg/kg	SW846 6010B
Lead	5.7	0.50	mg/kg	SW846 6010B
Cobalt	10.6	5.0	mg/kg	SW846 6010B
Copper	20.6	2.5	mg/kg	SW846 6010B
Nickel	22.5	4.0	mg/kg	SW846 6010B
Vanadium	63.8	5.0	mg/kg	SW846 6010B
Zinc	64.9	2.0	mg/kg	SW846 6010B
C-2-81-5 10/05/00 11:10 013				
Total Carbon Chain Range	6.4 J	10	mg/kg	SW846 8015B
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.11	0.10	mg/kg	SW846 7471A
Aluminum	26200	20.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-81-5 10/05/00 11:10 013				
Arsenic	4.3	1.0	mg/kg	SW846 6010B
Barium	194	2.0	mg/kg	SW846 6010B
Chromium	31.3	1.0	mg/kg	SW846 6010B
Beryllium	0.78	0.50	mg/kg	SW846 6010B
Lead	6.8	0.50	mg/kg	SW846 6010B
Cobalt	14.8	5.0	mg/kg	SW846 6010B
Copper	21.3	2.5	mg/kg	SW846 6010B
Molybdenum	0.61 B	4.0	mg/kg	SW846 6010B
Nickel	24.6	4.0	mg/kg	SW846 6010B
Vanadium	64.0	5.0	mg/kg	SW846 6010B
Zinc	67.1	2.0	mg/kg	SW846 6010B
C-2-81-10 10/05/00 11:15 014				
Trichloroethene	17	5.0	ug/kg	SW846 8260B
C-2-82-1 10/05/00 11:30 015				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.023 B	0.10	mg/kg	SW846 7471A
Aluminum	9620	20.0	mg/kg	SW846 6010B
Arsenic	2.7	1.0	mg/kg	SW846 6010B
Barium	105	2.0	mg/kg	SW846 6010B
Chromium	15.6	1.0	mg/kg	SW846 6010B
Beryllium	0.38 B	0.50	mg/kg	SW846 6010B
Lead	6.5	0.50	mg/kg	SW846 6010B
Cobalt	8.3	5.0	mg/kg	SW846 6010B
Copper	15.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.47 B	4.0	mg/kg	SW846 6010B
Nickel	9.8	4.0	mg/kg	SW846 6010B
Vanadium	31.6	5.0	mg/kg	SW846 6010B
Zinc	32.8	2.0	mg/kg	SW846 6010B
C-2-82-5 10/05/00 11:35 016				
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.061 B	0.10	mg/kg	SW846 7471A
Aluminum	23000	20.0	mg/kg	SW846 6010B
Arsenic	3.2	1.0	mg/kg	SW846 6010B
Barium	142	2.0	mg/kg	SW846 6010B
Chromium	22.9	1.0	mg/kg	SW846 6010B
Beryllium	0.71	0.50	mg/kg	SW846 6010B
Lead	5.2	0.50	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-82-5 10/05/00 11:35 016				
Cobalt	16.6	5.0	mg/kg	SW846 6010B
Copper	17.9	2.5	mg/kg	SW846 6010B
Molybdenum	0.49 B	4.0	mg/kg	SW846 6010B
Nickel	16.6	4.0	mg/kg	SW846 6010B
Thallium	0.51 B	1.0	mg/kg	SW846 6010B
Vanadium	53.9	5.0	mg/kg	SW846 6010B
Zinc	56.9	2.0	mg/kg	SW846 6010B
C-2-83-5 10/05/00 13:00 017				
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.048 B	0.10	mg/kg	SW846 7471A
Aluminum	20200	20.0	mg/kg	SW846 6010B
Arsenic	2.7	1.0	mg/kg	SW846 6010B
Barium	107	2.0	mg/kg	SW846 6010B
Chromium	20.8	1.0	mg/kg	SW846 6010B
Beryllium	0.61	0.50	mg/kg	SW846 6010B
Lead	4.2	0.50	mg/kg	SW846 6010B
Cobalt	9.7	5.0	mg/kg	SW846 6010B
Copper	16.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.66 B	4.0	mg/kg	SW846 6010B
Nickel	12.6	4.0	mg/kg	SW846 6010B
Vanadium	47.0	5.0	mg/kg	SW846 6010B
Zinc	47.1	2.0	mg/kg	SW846 6010B
C-2-84-5 10/05/00 13:30 019				
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.066 B	0.10	mg/kg	SW846 7471A
Aluminum	23000	20.0	mg/kg	SW846 6010B
Arsenic	3.1	1.0	mg/kg	SW846 6010B
Barium	128	2.0	mg/kg	SW846 6010B
Chromium	24.3	1.0	mg/kg	SW846 6010B
Beryllium	0.61	0.50	mg/kg	SW846 6010B
Lead	5.0	0.50	mg/kg	SW846 6010B
Cobalt	8.7	5.0	mg/kg	SW846 6010B
Copper	15.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.35 B	4.0	mg/kg	SW846 6010B
Nickel	13.3	4.0	mg/kg	SW846 6010B
Vanadium	51.4	5.0	mg/kg	SW846 6010B
Zinc	49.3	2.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-85-5 10/05/00 14:00 021				
Total Carbon Chain Range	5.2 J	10	mg/kg	SW846 8015B
C6-C8	0.15 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.061 B	0.10	mg/kg	SW846 7471A
Aluminum	28700	20.0	mg/kg	SW846 6010B
Arsenic	4.7	1.0	mg/kg	SW846 6010B
Barium	153	2.0	mg/kg	SW846 6010B
Chromium	33.5	1.0	mg/kg	SW846 6010B
Beryllium	0.80	0.50	mg/kg	SW846 6010B
Lead	6.1	0.50	mg/kg	SW846 6010B
Cobalt	10.7	5.0	mg/kg	SW846 6010B
Copper	19.2	2.5	mg/kg	SW846 6010B
Molybdenum	0.56 B	4.0	mg/kg	SW846 6010B
Nickel	16.2	4.0	mg/kg	SW846 6010B
Vanadium	62.7	5.0	mg/kg	SW846 6010B
Zinc	58.6	2.0	mg/kg	SW846 6010B
C-2-85-10 10/05/00 14:05 022				
Trichloroethene	4.4 J	5.0	ug/kg	SW846 8260B
C-2-86-5 10/05/00 14:20 023				
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Aluminum	20400	20.0	mg/kg	SW846 6010B
Arsenic	2.9	1.0	mg/kg	SW846 6010B
Barium	118	2.0	mg/kg	SW846 6010B
Chromium	21.7	1.0	mg/kg	SW846 6010B
Beryllium	0.58	0.50	mg/kg	SW846 6010B
Lead	4.3	0.50	mg/kg	SW846 6010B
Cobalt	9.4	5.0	mg/kg	SW846 6010B
Copper	14.5	2.5	mg/kg	SW846 6010B
Molybdenum	0.48 B	4.0	mg/kg	SW846 6010B
Nickel	13.0	4.0	mg/kg	SW846 6010B
Thallium	0.52 B	1.0	mg/kg	SW846 6010B
Vanadium	46.6	5.0	mg/kg	SW846 6010B
Zinc	48.2	2.0	mg/kg	SW846 6010B
C-2-87-5 10/05/00 14:35 025				
Total Carbon Chain Range	5.8 J	10	mg/kg	SW846 8015B
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.041 B	0.10	mg/kg	SW846 7471A
Aluminum	27000	20.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-87-5 10/05/00 14:35 025				
Arsenic	4.2	1.0	mg/kg	SW846 6010B
Barium	112	2.0	mg/kg	SW846 6010B
Chromium	29.5	1.0	mg/kg	SW846 6010B
Beryllium	0.80	0.50	mg/kg	SW846 6010B
Lead	6.6	0.50	mg/kg	SW846 6010B
Cobalt	17.0	5.0	mg/kg	SW846 6010B
Copper	18.7	2.5	mg/kg	SW846 6010B
Molybdenum	0.54 B	4.0	mg/kg	SW846 6010B
Nickel	23.4	4.0	mg/kg	SW846 6010B
Vanadium	64.2	5.0	mg/kg	SW846 6010B
Zinc	62.1	2.0	mg/kg	SW846 6010B
C-2-88-1 10/05/00 15:10 027				
Total Carbon Chain Range	7.4 J	10	mg/kg	SW846 8015B
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.028 B	0.10	mg/kg	SW846 7471A
Aluminum	14700	20.0	mg/kg	SW846 6010B
Arsenic	2.6	1.0	mg/kg	SW846 6010B
Barium	98.9	2.0	mg/kg	SW846 6010B
Chromium	18.4	1.0	mg/kg	SW846 6010B
Beryllium	0.46 B	0.50	mg/kg	SW846 6010B
Lead	4.7	0.50	mg/kg	SW846 6010B
Cobalt	9.4	5.0	mg/kg	SW846 6010B
Copper	14.3	2.5	mg/kg	SW846 6010B
Molybdenum	0.33 B	4.0	mg/kg	SW846 6010B
Nickel	12.3	4.0	mg/kg	SW846 6010B
Vanadium	38.8	5.0	mg/kg	SW846 6010B
Zinc	39.0	2.0	mg/kg	SW846 6010B
C-2-88-5 10/05/00 15:15 028				
Total Carbon Chain Range	5.3 J	10	mg/kg	SW846 8015B
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.071 B	0.10	mg/kg	SW846 7471A
Aluminum	22400	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B
Barium	134	2.0	mg/kg	SW846 6010B
Chromium	22.0	1.0	mg/kg	SW846 6010B
Beryllium	0.66	0.50	mg/kg	SW846 6010B
Lead	4.7	0.50	mg/kg	SW846 6010B
Cobalt	9.7	5.0	mg/kg	SW846 6010B
Copper	16.2	2.5	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J060329

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-88-5 10/05/00 15:15 028				
Nickel	13.5	4.0	mg/kg	SW846 6010B
Vanadium	49.8	5.0	mg/kg	SW846 6010B
Zinc	49.9	2.0	mg/kg	SW846 6010B
1,2-Dichloroethane	1.1 J	5.0	ug/kg	SW846 8260B
C-2-10/5 Rinsate 10/05/00 15:30 029				
Methyl tert-butyl ether	1.8	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E0J060329

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E0J060329

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DLPGD	001	C-2-75-5	10/05/00	08:15
DLPGT	002	C-2-75-10	10/05/00	08:30
DLPHC	003	C-2-76-1	10/05/00	08:45
DLPHE	004	C-2-76-5	10/05/00	08:47
DLPHF	005	C-2-77-5	10/05/00	09:00
DLPHJ	006	C-2-77-10	10/05/00	09:05
DLPHL	007	C-2-78-1	10/05/00	09:30
DLPHN	008	C-2-78-5	10/05/00	09:35
DLPHQ	009	C-2-79-5	10/05/00	09:45
DLPHV	010	C-2-79-10	10/05/00	09:50
DLPHX	011	C-2-80-1	10/05/00	10:10
DLPJ3	012	C-2-80-5	10/05/00	10:15
DLPJ5	013	C-2-81-5	10/05/00	11:10
DLPJ6	014	C-2-81-10	10/05/00	11:15
DLPJ8	015	C-2-82-1	10/05/00	11:30
DLPJA	016	C-2-82-5	10/05/00	11:35
DLPJC	017	C-2-83-5	10/05/00	13:00
DLPJD	018	C-2-83-10	10/05/00	13:05
DLPJF	019	C-2-84-5	10/05/00	13:30
LPJH	020	C-2-84-10	10/05/00	13:40
DLPJJ	021	C-2-85-5	10/05/00	14:00
DLPJK	022	C-2-85-10	10/05/00	14:05
DLPJL	023	C-2-86-5	10/05/00	14:20
DLPJM	024	C-2-86-10	10/05/00	14:25
DLPJN	025	C-2-87-5	10/05/00	14:35
DLPJQ	026	C-2-87-10	10/05/00	14:40
DLPJT	027	C-2-88-1	10/05/00	15:10
DLPJV	028	C-2-88-5	10/05/00	15:15
DLPK0	029	C-2-10/5 Rinsate	10/05/00	15:30
DLTAK	030	Trip Blank	10/05/00	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-75-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-001	**Work Order #...:**	DLPGD102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 08:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/14/00		
Prep Batch #...:	0283643	**Analysis Time..:**	18:45		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G01
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	111	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-75-5

GC Volatiles

Lot-Sample #...:	E0J060329-001	**Work Order #...:**	DLPGD103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 08:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	03:47		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.18 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	92	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-75-5

GC/MS Volatiles

Lot-Sample #...:	E0J060329-001	**Work Order #...:**	DLPGD101	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 08:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0293137
Prep Date.....:	10/18/00	**Analysis Date..:**	10/18/00		
Prep Batch #...:	0293266	**Analysis Time..:**	07:20		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSG
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
:-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-75-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-001 Work Order #...: DLPGD101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	**4.5 J**	**5.0**	**ug/kg**	**2.0**
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	119	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	102	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-75-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-002 **Work Order #...:** DLPGT101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:30 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293137
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293266 **Analysis Time..:** 07:55
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-75-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-002 **Work Order #...:** DLPGT101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	**35**	**5.0**	**ug/kg**	**2.0**
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	113	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-1

GC Semivolatiles

Lot-Sample #...:	E0J060329-003	**Work Order #...:**	DLPHC102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 08:45	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	08:14		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	75	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-1

GC Volatiles

Lot-Sample #...:	E0J060329-003	**Work Order #...:**	DLPHC103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 08:45	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	04:15		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.18 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	95	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-1

GC/MS Volatiles

Lot-Sample #...: E0J060329-003 **Work Order #...:** DLPHC101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:45 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 12:45
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-1

GC/MS Volatiles

Lot-Sample #...: E0J060329-003 **Work Order #...:** DLPHC101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	**3.0 J**	**5.0**	**ug/kg**	**2.0**
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	**16**	**5.0**	**ug/kg**	**2.0**
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	95	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-004	**Work Order #...:**	DLPHE102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 08:47	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	08:52		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**5.7 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	94	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-5

GC Volatiles

Lot-Sample #...:	E0J060329-004	Work Order #...:	DLPHE103	Matrix.....:	SOLID
Date Sampled...:	10/05/00 08:47	Date Received..:	10/05/00 18:45	MS Run #.....:	0284307
Prep Date.....:	10/10/00	Analysis Date..:	10/10/00		
Prep Batch #...:	0284517	Analysis Time..:	04:44		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.16 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-004 **Work Order #...:** DLPHE101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:47 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 13:17
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-004 Work Order #...: DLPHE101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
Toluene-d8	98	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-77-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-005	**Work Order #...:**	DLPHF102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 09:00	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	09:31		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	84	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-77-5

GC Volatiles

Lot-Sample #...:	E0J060329-005	Work Order #...:	DLPHF103	Matrix.....:	SOLID
Date Sampled...:	10/05/00 09:00	Date Received..:	10/05/00 18:45	MS Run #.....:	0284307
Prep Date.....:	10/10/00	Analysis Date..:	10/10/00		
Prep Batch #...:	0284517	Analysis Time..:	05:12		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.17 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-77-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-005 **Work Order #...:** DLPHF101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:00 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 14:21
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-77-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-005 **Work Order #...:** DLPHF101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	88	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-77-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-006 **Work Order #...:** DLPHJ101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:05 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 14:52
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-77-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-006 **Work Order #...:** DLPHJ101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-1

GC Semivolatiles

Lot-Sample #...:	E0J060329-007	**Work Order #...:**	DLPHL102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 09:30	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	10:11		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	89	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-1

GC Volatiles

Lot-Sample #...:	E0J060329-007	**Work Order #...:**	DLPHL103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 09:30	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	05:41		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.15 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	84	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-1

GC/MS Volatiles

Lot-Sample #...: E0J060329-007 **Work Order #...:** DLPHL101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:30 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 16:28
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-1

GC/MS Volatiles

Lot-Sample #...: E0J060329-007 Work Order #...: DLPHL101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-008	**Work Order #...:**	DLPHN102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 09:35	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	10:50		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	98	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-5

GC Volatiles

Lot-Sample #...:	E0J060329-008	**Work Order #...:**	DLPHN103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 09:35	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	06:09		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	94	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-008 **Work Order #...:** DLPHN101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:35 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 17:00
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-008 Work Order #...: DLPHN101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-79-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-009	**Work Order #...:**	DLPHQ102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 09:45	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	11:26		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**6.1 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	93	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-79-5

GC Volatiles

Lot-Sample #...:	E0J060329-009	**Work Order #...:**	DLPHQ103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 09:45	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	06:38		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	92	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-79-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-009 **Work Order #...:** DLPHQ101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:45 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 17:31
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-79-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-009 **Work Order #...:** DLPHQ101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	87	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-79-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-010 **Work Order #...:** DLPHV101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:50 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 18:43
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-79-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-010 Work Order #...: DLPHV101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	**2.8 J**	**5.0**	**ug/kg**	**2.0**
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	96	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-1

GC Semivolatiles

Lot-Sample #...:	E0J060329-011	**Work Order #...:**	DLPHX102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 10:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	12:05		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**5.8 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	91	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-1

GC Volatiles

Lot-Sample #...:	E0J060329-011	**Work Order #...:**	DLPHX103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 10:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	07:06		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.17 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	91	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-1

GC/MS Volatiles

Lot-Sample #...:	E0J060329-011	**Work Order #...:**	DLPHX101	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 10:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0293083
Prep Date.....:	10/18/00	**Analysis Date..:**	10/18/00		
Prep Batch #...:	0293205	**Analysis Time..:**	19:15		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-1

GC/MS Volatiles

Lot-Sample #...: E0J060329-011 Work Order #...: DLPHX101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	**10**	**5.0**	**ug/kg**	**2.0**
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	92	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-012	**Work Order #...:**	DLPJ3102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 10:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	12:44		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**7.4 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	102	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-5

GC Volatiles

Lot-Sample #...:	E0J060329-012	**Work Order #...:**	DLPJ3103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 10:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	07:35		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	93	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-012 **Work Order #...:** DLPJ3101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 10:15 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293083
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 19:46
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-012 Work Order #...: DLPJ3101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	87	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-81-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-013	**Work Order #...:**	DLPJ5102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 11:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	13:23		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**6.4 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	95	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-81-5

GC Volatiles

Lot-Sample #...:	E0J060329-013	**Work Order #...:**	DLPJ5103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 11:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	08:03		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.17 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-81-5

GC/MS Volatiles

Lot-Sample #...:	E0J060329-013	**Work Order #...:**	DLPJ5101	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 11:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0293089
Prep Date.....:	10/18/00	**Analysis Date..:**	10/18/00		
Prep Batch #...:	0293207	**Analysis Time..:**	22:29		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-81-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-013 **Work Order #...:** DLPJ5101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-81-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-014 **Work Order #...:** DLPJ6101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 11:15 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293207 **Analysis Time..:** 23:00
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-81-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-014 **Work Order #...:** DLPJ6101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	**17**	**5.0**	**ug/kg**	**2.0**
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-1

GC Semivolatiles

Lot-Sample #...:	E0J060329-015	**Work Order #...:**	DLPJ8102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 11:30	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	15:21		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	85	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-1

GC Volatiles

Lot-Sample #...:	E0J060329-015	**Work Order #...:**	DLPJ8103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 11:30	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	08:31		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.26 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	69	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-1

GC/MS Volatiles

Lot-Sample #...: E0J060329-015 **Work Order #...:** DLPJ8101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 11:30 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 00:36
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-1

GC/MS Volatiles

Lot-Sample #...: E0J060329-015 Work Order #...: DLPJ8101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-016	**Work Order #...:**	DLPJA102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 11:35	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	16:01		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-5

GC Volatiles

Lot-Sample #...:	E0J060329-016	Work Order #...:	DLPJA103	Matrix.....:	SOLID
Date Sampled...:	10/05/00 11:35	Date Received..:	10/05/00 18:45	MS Run #.....:	0284307
Prep Date.....:	10/10/00	Analysis Date..:	10/10/00		
Prep Batch #...:	0284517	Analysis Time..:	09:00		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.17 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	91	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-016 **Work Order #...:** DLPJA101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 11:35 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 01:08
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-016 Work Order #...: DLPJA101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-83-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-017	**Work Order #...:**	DLPJC102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 13:00	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	16:40		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	93	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-83-5

GC Volatiles

Lot-Sample #...:	E0J060329-017	**Work Order #...:**	DLPJC103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 13:00	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	09:28		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.17 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	92	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-83-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-017 **Work Order #...:** DLPJC101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 13:00 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 01:39
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-83-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-017 **Work Order #...:** DLPJC101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-83-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-018 Work Order #...: DLPJD101 Matrix.....: SOLID
Date Sampled...: 10/05/00 13:05 Date Received..: 10/05/00 18:45 MS Run #.....: 0293089
Prep Date.....: 10/19/00 Analysis Date..: 10/19/00
Prep Batch #...: 0293207 Analysis Time..: 02:11
Dilution Factor: 1
% Moisture.....: Analyst ID.....: 004648 Instrument ID..: MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-83-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-018 **Work Order #...:** DLPJD101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-84-5

GC Semivolatiles

Lot-Sample #...: E0J060329-019 **Work Order #...:** DLPJF102 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 13:30 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0283336
Prep Date.....: 10/09/00 **Analysis Date..:** 10/17/00
Prep Batch #...: 0283643 **Analysis Time..:** 17:19
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	95	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-84-5

GC Volatiles

Lot-Sample #...:	E0J060329-019	**Work Order #...:**	DLPJF103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 13:30	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	09:57		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	92	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-84-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-019 **Work Order #...:** DLPJF101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 13:30 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 02:43
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-84-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-019 Work Order #...: DLPJF101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-84-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-020 **Work Order #...:** DLPJH101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 13:40 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 03:15
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-84-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-020 **Work Order #...:** DLPJH101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-85-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-021	**Work Order #...:**	DLPJJ102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 14:00	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	17:58		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**5.2 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	100	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-85-5

GC Volatiles

Lot-Sample #...:	E0J060329-021	**Work Order #...:**	DLPJJ103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 14:00	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	10:25		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.15 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	94	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-85-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-021 **Work Order #...:** DLPJJ101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 14:00 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 03:46
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-85-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-021 Work Order #...: DLPJJ101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-85-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-022 **Work Order #...:** DLPJK101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 14:05 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 04:18
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-85-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-022 Work Order #...: DLPJK101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	**4.4 J**	**5.0**	**ug/kg**	**2.0**
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	91	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-86-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-023	**Work Order #...:**	DLPJL102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 14:20	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	18:36		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	98	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-86-5

GC Volatiles

Lot-Sample #...:	E0J060329-023	**Work Order #...:**	DLPJL103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 14:20	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	11:31		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	87	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-86-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-023 **Work Order #...:** DLPJL101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 14:20 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 04:50
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-86-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-023 **Work Order #...:** DLPJL101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-86-10

GC/MS Volatiles

Lot-Sample #...:	E0J060329-024	**Work Order #...:**	DLPJM101	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 14:25	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0293089
Prep Date.....:	10/19/00	**Analysis Date..:**	10/19/00		
Prep Batch #...:	0293207	**Analysis Time..:**	05:22		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-86-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-024 Work Order #...: DLPJM101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(70 - 130)
1,2-Dichloroethane-d4	79	(60 - 140)
Toluene-d8	103	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-87-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-025	**Work Order #...:**	DLPJN102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 14:35	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	19:15		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**5.8 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	83	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-87-5

GC Volatiles

Lot-Sample #...:	E0J060329-025	**Work Order #...:**	DLPJN103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 14:35	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	12:00		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	88	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-87-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-025 **Work Order #...:** DLPJN101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 14:35 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 05:53
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-87-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-025 Work Order #...: DLPJN101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-87-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-026 **Work Order #...:** DLPJQ101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 14:40 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 06:25
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-87-10

GC/MS Volatiles

Lot-Sample #...: E0J060329-026 Work Order #...: DLPJQ101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-1

GC Semivolatiles

Lot-Sample #...:	E0J060329-027	**Work Order #...:**	DLPJT102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 15:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283643	**Analysis Time..:**	19:54		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**7.4 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	91	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-1

GC Volatiles

Lot-Sample #...:	E0J060329-027	Work Order #...:	DLPJT103	Matrix.....:	SOLID
Date Sampled...:	10/05/00 15:10	Date Received..:	10/05/00 18:45	MS Run #.....:	0284307
Prep Date.....:	10/10/00	Analysis Date..:	10/10/00		
Prep Batch #...:	0284517	Analysis Time..:	12:28		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.16 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	76	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-1

GC/MS Volatiles

Lot-Sample #...:	E0J060329-027	**Work Order #...:**	DLPJT101	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 15:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0293089
Prep Date.....:	10/19/00	**Analysis Date..:**	10/19/00		
Prep Batch #...:	0293207	**Analysis Time..:**	06:57		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-1

GC/MS Volatiles

Lot-Sample #...: E0J060329-027 Work Order #...: DLPJT101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(70 - 130)
1,2-Dichloroethane-d4	100	(60 - 140)
Toluene-d8	98	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-5

GC Semivolatiles

Lot-Sample #...:	E0J060329-028	**Work Order #...:**	DLPJV102	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 15:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283337
Prep Date.....:	10/09/00	**Analysis Date..:**	10/16/00		
Prep Batch #...:	0283644	**Analysis Time..:**	23:48		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**5.3 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	84	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-5

GC Volatiles

Lot-Sample #...:	E0J060329-028	**Work Order #...:**	DLPJV103	**Matrix.....:**	SOLID
Date Sampled...:	10/05/00 15:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	12:56		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	89	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-028 **Work Order #...:** DLPJV101 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 15:15 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0293089
Prep Date.....: 10/19/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0293207 **Analysis Time..:** 07:29
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	**1.1 J**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-5

GC/MS Volatiles

Lot-Sample #...: E0J060329-028 Work Order #...: DLPJV101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	92	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-10/5 Rinsate

GC/MS Volatiles

Lot-Sample #...: E0J060329-029 **Work Order #...:** DLPK0101 **Matrix.....:** WATER
Date Sampled...: 10/05/00 15:30 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0285270
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285550 **Analysis Time..:** 22:28
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSH
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Bromodichloromethane	ND	1.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Isopropyl ether	ND	2.0	ug/L	0.50
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	2.0	ug/L	0.40
1,1-Dichloroethane	ND	1.0	ug/L	0.20
1,2-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.30
t-Butanol	ND	25	ug/L	6.0
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-10/5 Rinsate

GC/MS Volatiles

Lot-Sample #...: E0J060329-029 Work Order #...: DLPK0101 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	**1.8**	**1.0**	**ug/L**	**0.50**
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	2.0	ug/L	0.30
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Iodomethane	ND	5.0	ug/L	1.0
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	80	(75 - 120)
1,2-Dichloroethane-d4	115	(65 - 130)
Toluene-d8	94	(80 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Trip Blank

GC/MS Volatiles

Lot-Sample #...: E0J060329-030 **Work Order #...:** DLTAK101 **Matrix.....:** WATER
Date Sampled...: 10/05/00 **Date Received..:** 10/05/00 18:45 **MS Run #.....:** 0284323
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0284534 **Analysis Time..:** 12:10
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSH
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Trip Blank

GC/MS Volatiles

Lot-Sample #...: E0J060329-030 Work Order #...: DLTAK101 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 120)
1,2-Dichloroethane-d4	111	(65 - 130)
Toluene-d8	93	(80 - 130)

KENNEDY/JENKS CONSULTANTS

C-2-75-5

GC/MS Volatiles

Lot-Sample #: E0J060329-001 **Work Order #:** DLPGD101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-75-10

GC/MS Volatiles

Lot-Sample #: E0J060329-002 **Work Order #:** DLPGT101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-76-1

GC/MS Volatiles

Lot-Sample #: E0J060329-003 **Work Order #:** DLPHC101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-76-5

GC/MS Volatiles

Lot-Sample #: E0J060329-004 **Work Order #:** DLPHE101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-77-5

GC/MS Volatiles

Lot-Sample #: E0J060329-005 **Work Order #:** DLPHF101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-77-10

GC/MS Volatiles

Lot-Sample #: E0J060329-006 **Work Order #:** DLPHJ101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-78-1

GC/MS Volatiles

Lot-Sample #: E0J060329-007 **Work Order #:** DLPHL101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-78-5

GC/MS Volatiles

Lot-Sample #: E0J060329-008 **Work Order #:** DLPHN101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-79-5

GC/MS Volatiles

Lot-Sample #: E0J060329-009 **Work Order #:** DLPHQ101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-79-10

GC/MS Volatiles

Lot-Sample #: E0J060329-010 **Work Order #:** DLPHV101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-80-1

GC/MS Volatiles

Lot-Sample #: E0J060329-011 **Work Order #:** DLPHX101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-80-5

GC/MS Volatiles

Lot-Sample #: E0J060329-012 **Work Order #:** DLPJ3101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-81-5

GC/MS Volatiles

Lot-Sample #: E0J060329-013 **Work Order #:** DLPJ5101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-81-10

GC/MS Volatiles

Lot-Sample #: E0J060329-014 **Work Order #:** DLPJ6101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-82-1

GC/MS Volatiles

Lot-Sample #: E0J060329-015 **Work Order #:** DLPJ8101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-82-5

GC/MS Volatiles

Lot-Sample #: E0J060329-016 **Work Order #:** DLPJA101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-83-5

GC/MS Volatiles

Lot-Sample #: E0J060329-017 **Work Order #:** DLPJC101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-83-10

GC/MS Volatiles

Lot-Sample #: E0J060329-018 **Work Order #:** DLPJD101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-84-5

GC/MS Volatiles

Lot-Sample #: E0J060329-019 **Work Order #:** DLPJF101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-84-10

GC/MS Volatiles

Lot-Sample #: E0J060329-020 **Work Order #:** DLPJH101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-85-5

GC/MS Volatiles

Lot-Sample #: E0J060329-021 **Work Order #:** DLPJJ101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-85-10

GC/MS Volatiles

Lot-Sample #: E0J060329-022 **Work Order #:** DLPJK101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-86-5

GC/MS Volatiles

Lot-Sample #: E0J060329-023 **Work Order #:** DLPJL101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-86-10

GC/MS Volatiles

Lot-Sample #: E0J060329-024 **Work Order #:** DLPJM101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-87-5

GC/MS Volatiles

Lot-Sample #: E0J060329-025 **Work Order #:** DLPJN101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-87-10

GC/MS Volatiles

Lot-Sample #: E0J060329-026 **Work Order #:** DLPJQ101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-88-1

GC/MS Volatiles

Lot-Sample #: E0J060329-027 **Work Order #:** DLPJT101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-88-5

GC/MS Volatiles

Lot-Sample #: E0J060329-028 **Work Order #:** DLPJV101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-10/5 Rinsate

GC/MS Volatiles

Lot-Sample #: E0J060329-029 **Work Order #:** DLPK0101 **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown	57-20-0	1.3	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

KENNEDY/JENKS CONSULTANTS

Trip Blank

GC/MS Volatiles

Lot-Sample #: E0J060329-030 **Work Order #:** DLTAK101 **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-75-5

TOTAL Metals

Lot-Sample #...: E0J060329-001 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:15 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**23700**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/10/00**	**DLPGD104**
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**4.0**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/10/00**	**DLPGD105**
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD106
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**104**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/10/00**	**DLPGD107**
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD108
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**28.0**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/10/00**	**DLPGD109**
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.78**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/10/00**	**DLPGD10A**
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**5.7**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/10/00**	**DLPGD10C**
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10D
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-75-5

TOTAL Metals

Lot-Sample #...: E0J060329-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10E
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	10.4	5.0	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10F
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	48.6	2.5	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10G
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.63 B	4.0	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10H
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	17.7	4.0	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10J
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10K
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	58.6	5.0	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10L
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	57.9	2.0	mg/kg	SW846 6010B	10/09-10/10/00	DLPGD10M
		Dilution Factor: 1		Analysis Time..: 23:58	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.033 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPGD10N
		Dilution Factor: 1		Analysis Time..: 15:09	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-1

TOTAL Metals

Lot-Sample #...: E0J060329-003 Matrix.....: SOLID
Date Sampled...: 10/05/00 08:45 Date Received..: 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**9710**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHC104**
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**3.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHC105**
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	**0.36 B**	**6.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHC106**
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**95.4**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHC107**
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC108
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**15.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHC109**
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.37 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHC10A**
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**18.8**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHC10C**
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10D
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-1

TOTAL Metals

Lot-Sample #...: E0J060329-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10E
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	5.6	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10F
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	86.4	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10G
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.64 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10H
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	9.6	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10J
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10K
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	28.8	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10L
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	49.4	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHC10M
		Dilution Factor: 1		Analysis Time..: 00:26	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	0.097 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPHC10N
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-5

TOTAL Metals

Lot-Sample #...: E0J060329-004 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:47 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**23500**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHE104**
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**4.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHE105**
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE106
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**152**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHE107**
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE108
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**27.9**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHE109**
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.70**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHE10A**
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**5.5**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHE10C**
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10D
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-76-5

TOTAL Metals

Lot-Sample #...: E0J060329-004 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10E
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	11.9	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10F
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	19.9	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10G
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.42 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10H
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	21.8	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10J
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10K
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	57.8	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10L
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	62.4	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHE10M
		Dilution Factor: 1		Analysis Time..: 00:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.047 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPHE10N
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-77-5

TOTAL Metals

Lot-Sample #...: E0J060329-005 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:00 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**25700**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHF104**
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**4.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHF105**
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF106
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**110**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHF107**
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF108
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**29.2**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHF109**
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.77**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHF10A**
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**6.1**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHF10C**
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10D
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-77-5

TOTAL Metals

Lot-Sample #...: E0J060329-005 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10E
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	12.4	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10F
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	20.6	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10G
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.50 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10H
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	23.5	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10J
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10K
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	62.4	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10L
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	65.8	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHF10M
		Dilution Factor: 1		Analysis Time..: 00:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.051 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPHF10N
		Dilution Factor: 1		Analysis Time..: 15:18	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-1

TOTAL Metals

Lot-Sample #...: E0J060329-007 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:30 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**12200**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHL104**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**2.0**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHL105**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL106
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**92.3**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHL107**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL108
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**17.3**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHL109**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.44 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHL10A**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**4.4**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHL10C**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10D
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-1

TOTAL Metals

Lot-Sample #...: E0J060329-007 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10E
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	9.6	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10F
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	14.8	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10G
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.52 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10H
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	10.9	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10J
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10K
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	36.6	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10L
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	31.1	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHL10M
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	ND	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPHL10N
		Dilution Factor: 1		Analysis Time..: 15:20	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-5

TOTAL Metals

Lot-Sample #...: E0J060329-008 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:35 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**25300**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHN104**
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**4.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHN105**
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN106
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**101**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHN107**
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN108
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**29.0**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHN109**
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.80**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHN10A**
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**6.3**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHN10C**
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10D
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-78-5

TOTAL Metals

Lot-Sample #...: E0J060329-008 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10E
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	12.7	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10F
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	23.3	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10G
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.73 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10H
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	25.9	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10J
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10K
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	63.4	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10L
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	64.0	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHN10M
		Dilution Factor: 1		Analysis Time..: 01:08	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	0.060 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPHN10N
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-79-5

TOTAL Metals

Lot-Sample #...: E0J060329-009 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 09:45 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**24200**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHQ104**
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**3.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHQ105**
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ106
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**139**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHQ107**
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ108
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**28.7**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHQ109**
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.68**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHQ10A**
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**5.4**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHQ10C**
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10D
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-79-5

TOTAL Metals

Lot-Sample #...: E0J060329-009 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10E
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	11.0	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10F
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	18.6	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10G
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.38 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10H
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	20.8	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10J
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10K
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	57.8	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10L
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	59.8	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHQ10M
		Dilution Factor: 1		Analysis Time..: 01:14	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.061 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPHQ10N
		Dilution Factor: 1		Analysis Time..: 15:24	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-1

TOTAL Metals

Lot-Sample #...: E0J060329-011 Matrix.....: SOLID
Date Sampled...: 10/05/00 10:10 Date Received..: 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**11100**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX104**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**2.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX105**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHX106
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**101**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX107**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHX108
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**15.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX109**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.40 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX10A**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**4.6**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX10C**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPHX10D
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-1

TOTAL Metals

Lot-Sample #...: E0J060329-011 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHX10E
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	**9.0**	**5.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX10F**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	**15.0**	**2.5**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX10G**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	**0.40 B**	**4.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX10H**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	**10.4**	**4.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX10J**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPHX10K
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	**33.0**	**5.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX10L**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	**32.5**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPHX10M**
		Dilution Factor: 1		Analysis Time..: 01:20	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	ND	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPHX10N
		Dilution Factor: 1		Analysis Time..: 15:29	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-5

TOTAL Metals

Lot-Sample #...: E0J060329-012 Matrix.....: SOLID
Date Sampled...: 10/05/00 10:15 Date Received..: 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**27300**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ3104**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**4.2**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ3105**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ3106
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**163**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ3107**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ3108
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**34.5**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ3109**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.78**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ310A**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**5.7**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ310C**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ310D
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-80-5

TOTAL Metals

Lot-Sample #...: E0J060329-012 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ310E
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	**10.6**	**5.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ310F**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	**20.6**	**2.5**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ310G**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ310H
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	**22.5**	**4.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ310J**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ310K
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	**63.8**	**5.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ310L**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	**64.9**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ310M**
		Dilution Factor: 1		Analysis Time..: 01:28	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	**0.11**	**0.10**	**mg/kg**	**SW846 7471A**	**10/10-10/12/00**	**DLPJ310N**
		Dilution Factor: 1		Analysis Time..: 15:31	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-81-5

TOTAL Metals

Lot-Sample #...: E0J060329-013 Matrix.....: SOLID
Date Sampled...: 10/05/00 11:10 Date Received..: 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	26200	20.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ5104
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	4.3	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ5105
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ5106
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	194	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ5107
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ5108
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	31.3	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ5109
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	0.78	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ510A
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	6.8	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ510C
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ510D
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-81-5

TOTAL Metals

Lot-Sample #...: E0J060329-013 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ510E
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	**14.8**	**5.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ510F**
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	**21.3**	**2.5**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ510G**
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	**0.61 B**	**4.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ510H**
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	**24.6**	**4.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ510J**
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ510K
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	**64.0**	**5.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ510L**
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	**67.1**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ510M**
		Dilution Factor: 1		Analysis Time..: 01:34	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	**0.11**	**0.10**	**mg/kg**	**SW846 7471A**	**10/10-10/12/00**	**DLPJ510N**
		Dilution Factor: 1		Analysis Time..: 15:33	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-1

TOTAL Metals

Lot-Sample #...: E0J060329-015 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 11:30 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**9620**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ8104**
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**2.7**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ8105**
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ8106
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**105**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ8107**
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ8108
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**15.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ8109**
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.38 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ810A**
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**6.5**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJ810C**
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810D
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-1

TOTAL Metals

Lot-Sample #...: E0J060329-015 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810E
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	8.3	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810F
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	15.0	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810G
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.47 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810H
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	9.8	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810J
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810K
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	31.6	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810L
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	32.8	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJ810M
		Dilution Factor: 1		Analysis Time..: 01:40	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	0.023 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJ810N
		Dilution Factor: 1		Analysis Time..: 15:35	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-5

TOTAL Metals

Lot-Sample #...: E0J060329-016 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 11:35 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**23000**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJA104**
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**3.2**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJA105**
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA106
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**142**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJA107**
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA108
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**22.9**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJA109**
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.71**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJA10A**
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**5.2**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJA10C**
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10D
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-82-5

TOTAL Metals

Lot-Sample #...: E0J060329-016 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10E
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	16.6	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10F
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	17.9	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10G
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.49 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10H
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	16.6	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10J
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	0.51 B	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10K
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	53.9	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10L
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	56.9	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJA10M
		Dilution Factor: 1		Analysis Time..: 01:48	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.061 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJA10N
		Dilution Factor: 1		Analysis Time..: 15:37	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-83-5

TOTAL Metals

Lot-Sample #...: E0J060329-017 Matrix.....: SOLID
Date Sampled...: 10/05/00 13:00 Date Received..: 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**20200**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJC104**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**2.7**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJC105**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC106
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**107**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJC107**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC108
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**20.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJC109**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.61**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJC10A**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**4.2**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJC10C**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10D
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-83-5

TOTAL Metals

Lot-Sample #...: E0J060329-017 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10E
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	9.7	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10F
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	16.6	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10G
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.66 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10H
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	12.6	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10J
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10K
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	47.0	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10L
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	47.1	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJC10M
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.048 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJC10N
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-84-5

TOTAL Metals

Lot-Sample #...: E0J060329-019 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 13:30 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**23000**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJF104**
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**3.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJF105**
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF106
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**128**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJF107**
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF108
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**24.3**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJF109**
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.61**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJF10A**
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**5.0**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJF10C**
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10D
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-84-5

TOTAL Metals

Lot-Sample #...: E0J060329-019 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10E
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	8.7	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10F
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	15.0	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10G
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.35 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10H
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	13.3	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10J
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10K
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	51.4	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10L
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	49.3	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJF10M
		Dilution Factor: 1		Analysis Time..: 02:03	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	0.066 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJF10N
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-85-5

TOTAL Metals

Lot-Sample #...: E0J060329-021 Matrix.....: SOLID
Date Sampled...: 10/05/00 14:00 Date Received..: 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**28700**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJJ104**
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**4.7**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJJ105**
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ106
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**153**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJJ107**
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ108
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**33.5**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJJ109**
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.80**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJJ10A**
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**6.1**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJJ10C**
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10D
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-85-5

TOTAL Metals

Lot-Sample #...: E0J060329-021 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10E
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	10.7	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10F
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	19.2	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10G
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.56 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10H
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	16.2	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10J
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10K
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	62.7	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10L
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	58.6	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJJ10M
		Dilution Factor: 1		Analysis Time..: 02:09	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.061 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJJ10N
		Dilution Factor: 1		Analysis Time..: 15:43	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-86-5

TOTAL Metals

Lot-Sample #...: E0J060329-023 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 14:20 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**20400**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJL104**
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**2.9**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJL105**
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL106
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**118**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJL107**
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL108
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**21.7**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJL109**
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.58**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJL10A**
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**4.3**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJL10C**
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10D
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-86-5

TOTAL Metals

Lot-Sample #...: E0J060329-023 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10E
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	9.4	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10F
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	14.5	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10G
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.48 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10H
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	13.0	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10J
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	0.52 B	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10K
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	46.6	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10L
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	48.2	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJL10M
		Dilution Factor: 1		Analysis Time..: 02:29	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	ND	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJL10N
		Dilution Factor: 1		Analysis Time..: 15:45	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-87-5

TOTAL Metals

Lot-Sample #...: E0J060329-025 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 14:35 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**27000**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJN104**
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**4.2**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJN105**
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN106
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**112**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJN107**
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN108
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**29.5**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJN109**
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.80**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJN10A**
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**6.6**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJN10C**
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10D
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-87-5

TOTAL Metals

Lot-Sample #...: E0J060329-025 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10E
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	17.0	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10F
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	18.7	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10G
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.54 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10H
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	23.4	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10J
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10K
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	64.2	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10L
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	62.1	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJN10M
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	

Prep Batch #...: 0283500

Mercury	0.041 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJN10N
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-1

TOTAL Metals

Lot-Sample #...: E0J060329-027 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 15:10 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**14700**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJT104**
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**2.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJT105**
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT106
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**98.9**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJT107**
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT108
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**18.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJT109**
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.46 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJT10A**
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**4.7**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJT10C**
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10D
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-1

TOTAL Metals

Lot-Sample #...: E0J060329-027 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10E
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	9.4	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10F
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	14.3	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10G
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	0.33 B	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10H
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	12.3	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10J
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10K
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	38.8	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10L
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	39.0	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJT10M
		Dilution Factor: 1		Analysis Time..: 02:41	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.028 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJT10N
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-5

TOTAL Metals

Lot-Sample #...: E0J060329-028 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 15:15 **Date Received..:** 10/05/00 18:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0283479						
Aluminum	**22400**	**20.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJV104**
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 8.0	
Arsenic	**3.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJV105**
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV106
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.20	
Barium	**134**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJV107**
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV108
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Chromium	**22.0**	**1.0**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJV109**
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Beryllium	**0.66**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJV10A**
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.050	
Lead	**4.7**	**0.50**	**mg/kg**	**SW846 6010B**	**10/09-10/11/00**	**DLPJV10C**
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10D
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-88-5

TOTAL Metals

Lot-Sample #...: E0J060329-028 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10E
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Cobalt	9.7	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10F
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Copper	16.2	2.5	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10G
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.40	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10H
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Nickel	13.5	4.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10J
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10K
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.50	
Vanadium	49.8	5.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10L
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 0.10	
Zinc	49.9	2.0	mg/kg	SW846 6010B	10/09-10/11/00	DLPJV10M
		Dilution Factor: 1		Analysis Time..: 02:49	Analyst ID.....: 0031190	
		Instrument ID..: M01		MS Run #.....: 0283230	MDL.....: 1.0	
Prep Batch #...: 0283500						
Mercury	0.071 B	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLPJV10N
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 0210880	
		Instrument ID..: M04		MS Run #.....: 0283241	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E0J060329

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293266	0293137
	SOLID	SW846 6010B		0283479	0283230
002	SOLID	SW846 8260B		0293266	0293137
003	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293205	0293083
	SOLID	SW846 6010B		0283479	0283230
004	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293205	0293083
	SOLID	SW846 6010B		0283479	0283230
005	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293205	0293083
	SOLID	SW846 6010B		0283479	0283230
006	SOLID	SW846 8260B		0293205	0293083
007	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293205	0293083
	SOLID	SW846 6010B		0283479	0283230
008	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293205	0293083
	SOLID	SW846 6010B		0283479	0283230
009	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293205	0293083

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QC DATA ASSOCIATION SUMMARY

E0J060329

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
009	SOLID	SW846 6010B		0283479	0283230
010	SOLID	SW846 8260B		0293205	0293083
011	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293205	0293083
	SOLID	SW846 6010B		0283479	0283230
012	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293205	0293083
	SOLID	SW846 6010B		0283479	0283230
013	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230
014	SOLID	SW846 8260B		0293207	0293089
015	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230
016	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230
017	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230

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QC DATA ASSOCIATION SUMMARY

E0J060329

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
018	SOLID	SW846 8260B		0293207	0293089
019	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230
020	SOLID	SW846 8260B		0293207	0293089
021	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230
022	SOLID	SW846 8260B		0293207	0293089
023	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230
024	SOLID	SW846 8260B		0293207	0293089
025	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230
026	SOLID	SW846 8260B		0293207	0293089
027	SOLID	SW846 8015B		0283643	0283336
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089
	SOLID	SW846 6010B		0283479	0283230
028	SOLID	SW846 8015B		0283644	0283337
	SOLID	SW846 8015B		0284517	0284307
	SOLID	SW846 7471A		0283500	0283241
	SOLID	SW846 8260B		0293207	0293089

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QC DATA ASSOCIATION SUMMARY

E0J060329

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
028	SOLID	SW846 6010B		0283479	0283230
029	WATER	SW846 8260B		0285550	0285270
030	WATER	SW846 8260B		0284534	0284323

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J100000-534 B **Work Order #:** DLW8F101 **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J110000-550 B **Work Order #:** DM09F1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J190000-205 B **Work Order #:** DNEJV1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J190000-207 B **Work Order #:** DNEJ61AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J190000-266 B **Work Order #:** DNET71AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0J060329
MB Lot-Sample #: E0J090000-643

Analysis Date..: 10/14/00
Dilution Factor: 1

Work Order #...: DLTDA101

Prep Date.....: 10/09/00
Prep Batch #...: 0283643

Analyst ID.....: 356074

Matrix.....: SOLID

Analysis Time..: 16:44
Instrument ID..: G01

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	126	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0J060329
MB Lot-Sample #: E0J090000-644
Analysis Date..: 10/16/00
Dilution Factor: 1

Work Order #...: DLTDQ101
Prep Date.....: 10/09/00
Prep Batch #...: 0283644
Analyst ID.....: 356074

Matrix.....: SOLID
Analysis Time..: 22:30
Instrument ID..: G03

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	100	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E0J060329
MB Lot-Sample #: E0J100000-517
Analysis Date..: 10/10/00
Dilution Factor: 1

Work Order #...: DLW4T101
Prep Date.....: 10/10/00
Prep Batch #...: 0284517
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time..: 02:50
Instrument ID..: G15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	**0.17 J**	**1.0**	**mg/kg**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	91	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329
MB Lot-Sample #: E0J100000-534

Analysis Date..: 10/10/00
Dilution Factor: 1

Work Order #...: DLW8F101

Prep Date.....: 10/10/00
Prep Batch #...: 0284534

Analyst ID.....: 015590

Matrix.....: WATER

Analysis Time..: 09:11
Instrument ID..: MSH

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DLW8F101 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 120)
1,2-Dichloroethane-d4	117	(65 - 130)
Toluene-d8	97	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DM09F1AA **Matrix.....:** WATER
MB Lot-Sample #: E0J110000-550

Prep Date.....: 10/10/00 **Analysis Time..:** 21:19
Analysis Date..: 10/10/00 **Prep Batch #...:** 0285550 **Instrument ID..:** MSH
Dilution Factor: 1

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Isopropyl ether	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
t-Butanol	ND	25	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Tert-amyl methyl ether	ND	2.0	ug/L	SW846 8260B
Tert-butyl ethyl ether	ND	2.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DM09F1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Iodomethane	ND	5.0	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(75 - 120)
1,2-Dichloroethane-d4	113	(65 - 130)
Toluene-d8	103	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329
MB Lot-Sample #: E0J190000-205

Work Order #...: DNEJV1AA
Prep Date.....: 10/18/00
Prep Batch #...: 0293205
Analyst ID.....: 004648

Matrix.....: SOLID
Analysis Time..: 09:54
Instrument ID..: MSD

Analysis Date..: 10/18/00
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	25	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNEJV1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329
MB Lot-Sample #: E0J190000-207

Work Order #...: DNEJ61AA

Matrix.....: SOLID

Prep Date.....: 10/18/00

Analysis Time..: 21:48

Analysis Date..: 10/18/00

Prep Batch #...: 0293207

Instrument ID..: MSD

Dilution Factor: 1

Analyst ID.....: 004648

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	25	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNEJ61AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	90	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329
MB Lot-Sample #: E0J190000-266
Analysis Date..: 10/17/00
Dilution Factor: 1

Work Order #...: DNET71AA
Prep Date.....: 10/17/00
Prep Batch #...: 0293266
Analyst ID.....: 004648

Matrix.....: SOLID
Analysis Time..: 23:37
Instrument ID..: MSG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	25	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNET71AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	103	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID

MB Lot-Sample #: E0J090000-479 **Prep Batch #...:** 0283479

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	ND	20.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC10D
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC10E
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC10F
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC10G
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC10H
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	ND	1.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC10J
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC101
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC102
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC103
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC104
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC105
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.5	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC106
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC107
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC108
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/09-10/12/00	DLRXC109
		Dilution Factor: 1				
		Analysis Time..: 15:45		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	10/09-10/10/00	DLRXC10A
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	**1.1 B**	**2.0**	**mg/kg**	**SW846 6010B**	**10/09-10/10/00**	**DLRXC10C**
		Dilution Factor: 1				
		Analysis Time..: 23:44		Analyst ID.....: 003119	Instrument ID..: M01	

MB Lot-Sample #: E0J090000-500 **Prep Batch #...:** 0283500

Mercury	ND	0.10	mg/kg	SW846 7471A	10/10-10/12/00	DLT09101
		Dilution Factor: 1				
		Analysis Time..: 15:02		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E0J060329 **Work Order #...:** DLTDA102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J090000-643
Prep Date.....: 10/09/00 **Analysis Date..:** 10/14/00
Prep Batch #...: 0283643 **Analysis Time..:** 17:14
Dilution Factor: 1 **Instrument ID..:** G01
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**321**	**mg/kg**	**129**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	112	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E0J060329 **Work Order #...:** DLTDQ102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J090000-644
Prep Date.....: 10/09/00 **Analysis Date..:** 10/16/00
Prep Batch #...: 0283644 **Analysis Time..:** 23:09
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**254**	**mg/kg**	**101**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**250**	**254**	**mg/kg**	**101**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	97	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DLW4T102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J100000-517
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0284517 **Analysis Time..:** 02:21
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.46**	**mg/kg**	**109**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	125	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DLW8F102 **Matrix.....:** WATER
LCS Lot-Sample#: E0J100000-534
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0284534 **Analysis Time..:** 08:41
Dilution Factor: 1 **Instrument ID..:** MSH
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**8.82**	**ug/L**	**88**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.24**	**ug/L**	**92**	**SW846 8260B**
Toluene	**10.0**	**8.63**	**ug/L**	**86**	**SW846 8260B**
Trichloroethene	**10.0**	**12.2**	**ug/L**	**122**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 120)
1,2-Dichloroethane-d4	110	(65 - 130)
Toluene-d8	95	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DM09F1AC **Matrix.....:** WATER
LCS Lot-Sample#: E0J110000-550
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285550 **Analysis Time..:** 20:49
Dilution Factor: 1 **Instrument ID..:** MSH
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**9.11**	**ug/L**	**91**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**10.5**	**ug/L**	**105**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.49**	**ug/L**	**95**	**SW846 8260B**
Toluene	**10.0**	**8.94**	**ug/L**	**89**	**SW846 8260B**
Trichloroethene	**10.0**	**12.6**	**ug/L**	**126**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 120)
1,2-Dichloroethane-d4	115	(65 - 130)
Toluene-d8	101	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNEJV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J190000-205
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 09:23
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**50.0**	**46.4**	**ug/kg**	**93**	**SW846 8260B**
Chlorobenzene	**50.0**	**47.3**	**ug/kg**	**95**	**SW846 8260B**
1,1-Dichloroethene	**50.0**	**47.7**	**ug/kg**	**95**	**SW846 8260B**
Toluene	**50.0**	**45.8**	**ug/kg**	**92**	**SW846 8260B**
Trichloroethene	**50.0**	**50.8**	**ug/kg**	**102**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(70 - 130)
1,2-Dichloroethane-d4	100	(60 - 140)
Toluene-d8	97	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNEJ61AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J190000-207
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293207 **Analysis Time..:** 21:16
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**50.0**	**48.9**	**ug/kg**	**98**	**SW846 8260B**
Chlorobenzene	**50.0**	**49.2**	**ug/kg**	**98**	**SW846 8260B**
1,1-Dichloroethene	**50.0**	**48.1**	**ug/kg**	**96**	**SW846 8260B**
Toluene	**50.0**	**47.9**	**ug/kg**	**96**	**SW846 8260B**
Trichloroethene	**50.0**	**52.6**	**ug/kg**	**105**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNET71AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J190000-266
Prep Date.....: 10/17/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293266 **Analysis Time..:** 00:13
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**50.0**	**45.8**	**ug/kg**	**92**	**SW846 8260B**
Chlorobenzene	**50.0**	**43.3**	**ug/kg**	**87**	**SW846 8260B**
1,1-Dichloroethene	**50.0**	**57.1**	**ug/kg**	**114**	**SW846 8260B**
Toluene	**50.0**	**44.0**	**ug/kg**	**88**	**SW846 8260B**
Trichloroethene	**50.0**	**48.2**	**ug/kg**	**96**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E0J090000-479 **Prep Batch #...:** 0283479							
Aluminum	200	179	mg/kg	89	SW846 6010B	10/09-10/10/00	DLRXC10X
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	200	178	mg/kg	89	SW846 6010B	10/09-10/10/00	DLRXC110
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	50.0	45.1	mg/kg	90	SW846 6010B	10/09-10/10/00	DLRXC111
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	200	191	mg/kg	96	SW846 6010B	10/09-10/10/00	DLRXC112
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	5.00	4.91	mg/kg	98	SW846 6010B	10/09-10/10/00	DLRXC113
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	20.0	19.8	mg/kg	99	SW846 6010B	10/09-10/10/00	DLRXC114
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	5.00	4.75	mg/kg	95	SW846 6010B	10/09-10/10/00	DLRXC10K
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	50.0	44.4	mg/kg	89	SW846 6010B	10/09-10/10/00	DLRXC10L
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	200	168	mg/kg	84	SW846 6010B	10/09-10/10/00	DLRXC10M
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	5.00	4.66	mg/kg	93	SW846 6010B	10/09-10/10/00	DLRXC10N
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	50.0	49.2	mg/kg	98	SW846 6010B	10/09-10/10/00	DLRXC10P
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	25.0	23.8	mg/kg	95	SW846 6010B	10/09-10/10/00	DLRXC10Q
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	92.9	mg/kg	93	SW846 6010B	10/09-10/10/00	DLRXC10R
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	50.0	49.1	mg/kg	98	SW846 6010B	10/09-10/10/00	DLRXC10T
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	200	169	mg/kg	85	SW846 6010B	10/09-10/10/00	DLRXC10U
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	50.0	48.0	mg/kg	96	SW846 6010B	10/09-10/10/00	DLRXC10V
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	50.0	47.9	mg/kg	96	SW846 6010B	10/09-10/10/00	DLRXC10W
			Dilution Factor: 1				
			Analysis Time..: 23:50		Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E0J090000-500 **Prep Batch #...:** 0283500

Mercury	0.833	0.864	mg/kg	104	SW846 7471A	10/10-10/12/00	DLT09102
			Dilution Factor: 1				
			Analysis Time..: 15:07		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E0J060329 **Work Order #...:** DLTDA102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J090000-643
Prep Date.....: 10/09/00 **Analysis Date..:** 10/14/00
Prep Batch #...: 0283643 **Analysis Time..:** 17:14
Dilution Factor: 1 **Instrument ID..:** G01
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**129**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	112	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E0J060329 **Work Order #...:** DLTDQ102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J090000-644
Prep Date.....: 10/09/00 **Analysis Date..:** 10/16/00
Prep Batch #...: 0283644 **Analysis Time..:** 23:09
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**101**	**(60 - 130)**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**101**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	97	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DLW4T102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J100000-517
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0284517 **Analysis Time..:** 02:21
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**109**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	125	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DLW8F102 **Matrix.....:** WATER
LCS Lot-Sample#: E0J100000-534
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0284534 **Analysis Time..:** 08:41
Dilution Factor: 1 **Instrument ID..:** MSH
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**88**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**112**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**92**	**(80 - 120)**	**SW846 8260B**
Toluene	**86**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**122**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 120)
1,2-Dichloroethane-d4	110	(65 - 130)
Toluene-d8	95	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DM09F1AC **Matrix.....:** WATER
LCS Lot-Sample#: E0J110000-550
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285550 **Analysis Time..:** 20:49
Dilution Factor: 1 **Instrument ID..:** MSH
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**91**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**105**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**95**	**(80 - 120)**	**SW846 8260B**
Toluene	**89**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**126**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 120)
1,2-Dichloroethane-d4	115	(65 - 130)
Toluene-d8	101	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNEJV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J190000-205
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293205 **Analysis Time..:** 09:23
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**93**	**(70 - 140)**	**SW846 8260B**
Chlorobenzene	**95**	**(70 - 130)**	**SW846 8260B**
1,1-Dichloroethene	**95**	**(60 - 150)**	**SW846 8260B**
Toluene	**92**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**102**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(70 - 130)
1,2-Dichloroethane-d4	100	(60 - 140)
Toluene-d8	97	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNEJ61AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J190000-207
Prep Date.....: 10/18/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293207 **Analysis Time..:** 21:16
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**98**	**(70 - 140)**	**SW846 8260B**
Chlorobenzene	**98**	**(70 - 130)**	**SW846 8260B**
1,1-Dichloroethene	**96**	**(60 - 150)**	**SW846 8260B**
Toluene	**96**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**105**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0J060329 **Work Order #...:** DNET71AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J190000-266
Prep Date.....: 10/17/00 **Analysis Date..:** 10/18/00
Prep Batch #...: 0293266 **Analysis Time..:** 00:13
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**92**	**(70 - 140)**	**SW846 8260B**
Chlorobenzene	**87**	**(70 - 130)**	**SW846 8260B**
1,1-Dichloroethene	**114**	**(60 - 150)**	**SW846 8260B**
Toluene	**88**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**96**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E0J090000-479 **Prep Batch #...:** 0283479					
Aluminum	89	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10X
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	89	(75 - 115)	SW846 6010B	10/09-10/10/00	DLRXC110
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	90	(75 - 115)	SW846 6010B	10/09-10/10/00	DLRXC111
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Barium	96	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC112
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	98	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC113
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	99	(85 - 120)	SW846 6010B	10/09-10/10/00	DLRXC114
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	95	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10K
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Lead	89	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10L
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	84	(70 - 115)	SW846 6010B	10/09-10/10/00	DLRXC10M
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Silver	93	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10N
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	98	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10P
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Copper	95	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10Q
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	93	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10R
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	98	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10T
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	85	(75 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10U
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	96	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10V
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	96	(80 - 120)	SW846 6010B	10/09-10/10/00	DLRXC10W
		Dilution Factor: 1			
		Analysis Time..: 23:50	Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E0J090000-500 **Prep Batch #...:** 0283500

Mercury	104	(85 - 115)	SW846 7471A	10/10-10/12/00	DLT09102
		Dilution Factor: 1			
		Analysis Time..: 15:07	Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLM2X104-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E0J050315-002		DLM2X105-MSD		
Date Sampled...:	10/05/00 10:35	**Date Received..:**	10/05/00 18:05	**MS Run #.....:**	0284323
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284534	**Analysis Time..:**	18:14		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSH

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**10.0**	**9.32**	**ug/L**	**93**		**SW846 8260B**
	ND	**10.0**	**9.39**	**ug/L**	**94**	**0.74**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10.0**	**10.4**	**ug/L**	**104**		**SW846 8260B**
	ND	**10.0**	**10.5**	**ug/L**	**105**	**1.4**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**9.97**	**ug/L**	**100**		**SW846 8260B**
	ND	**10.0**	**10.0**	**ug/L**	**100**	**0.79**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.88**	**ug/L**	**89**		**SW846 8260B**
	ND	**10.0**	**9.01**	**ug/L**	**90**	**1.4**	**SW846 8260B**
Trichloroethene	**5.1**	**10.0**	**17.5**	**ug/L**	**124**		**SW846 8260B**
	5.1	**10.0**	**17.4**	**ug/L**	**123**	**0.51**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 120)
	95	(75 - 120)
1,2-Dichloroethane-d4	123	(65 - 130)
	118	(65 - 130)
Toluene-d8	100	(80 - 130)
	94	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:15 **Date Received..:** 10/05/00 18:45

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J060329-001 **Prep Batch #...:** 0283479									
Aluminum									
	23700	200	24700 NC	mg/kg			SW846 6010B	10/09-10/11/00	DLPGD11F
	23700	200	24300 NC	mg/kg			SW846 6010B	10/09-10/11/00	DLPGD11G
			Dilution Factor: 1						
			Analysis Time..: 00:10		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0283230						
Arsenic									
	4.0	200	169	mg/kg	83		SW846 6010B	10/09-10/11/00	DLPGD11H
	4.0	200	172	mg/kg	84	1.5	SW846 6010B	10/09-10/11/00	DLPGD11J
			Dilution Factor: 1						
			Analysis Time..: 00:10		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0283230						
Antimony									
	ND	50.0	19.2 N	mg/kg	38		SW846 6010B	10/09-10/11/00	DLPGD11K
	ND	50.0	18.7 N	mg/kg	37	2.7	SW846 6010B	10/09-10/11/00	DLPGD11L
			Dilution Factor: 1						
			Analysis Time..: 00:10		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0283230						
Barium									
	104	200	324	mg/kg	110		SW846 6010B	10/09-10/11/00	DLPGD11M
	104	200	299	mg/kg	97	8.1	SW846 6010B	10/09-10/11/00	DLPGD11N
			Dilution Factor: 1						
			Analysis Time..: 00:10		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0283230						
Cadmium									
	ND	5.00	4.40	mg/kg	88		SW846 6010B	10/09-10/11/00	DLPGD11P
	ND	5.00	4.35	mg/kg	87	1.0	SW846 6010B	10/09-10/11/00	DLPGD11Q
			Dilution Factor: 1						
			Analysis Time..: 00:10		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0283230						
Chromium									
	28.0	20.0	47.8	mg/kg	99		SW846 6010B	10/09-10/11/00	DLPGD11R
	28.0	20.0	46.0	mg/kg	90	4.0	SW846 6010B	10/09-10/11/00	DLPGD11T
			Dilution Factor: 1						
			Analysis Time..: 00:10		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0283230						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:15 **Date Received..:** 10/05/00 18:45

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.78	5.00	5.48	mg/kg	94		SW846 6010B	10/09-10/11/00	DLPGD10P
	0.78	5.00	5.44	mg/kg	93	0.78	SW846 6010B	10/09-10/11/00	DLPGD10Q
				Dilution Factor: 1					
				Analysis Time..: 00:10		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Lead									
	5.7	50.0	49.3	mg/kg	87		SW846 6010B	10/09-10/11/00	DLPGD10R
	5.7	50.0	49.7	mg/kg	88	0.87	SW846 6010B	10/09-10/11/00	DLPGD10T
				Dilution Factor: 1					
				Analysis Time..: 00:10		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Selenium									
	ND	200	157	mg/kg	78		SW846 6010B	10/09-10/11/00	DLPGD10U
	ND	200	158	mg/kg	79	0.60	SW846 6010B	10/09-10/11/00	DLPGD10V
				Dilution Factor: 1					
				Analysis Time..: 00:10		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Silver									
	ND	5.00	4.26	mg/kg	85		SW846 6010B	10/09-10/11/00	DLPGD10W
	ND	5.00	4.24	mg/kg	85	0.54	SW846 6010B	10/09-10/11/00	DLPGD10X
				Dilution Factor: 1					
				Analysis Time..: 00:10		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Cobalt									
	10.4	50.0	57.1	mg/kg	93		SW846 6010B	10/09-10/11/00	DLPGD110
	10.4	50.0	58.3	mg/kg	96	2.2	SW846 6010B	10/09-10/11/00	DLPGD111
				Dilution Factor: 1					
				Analysis Time..: 00:10		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Copper									
	48.6	25.0	139 N	mg/kg	360		SW846 6010B	10/09-10/11/00	DLPGD112
	48.6	25.0	50.7 N,*	mg/kg	8.3	93	SW846 6010B	10/09-10/11/00	DLPGD113
				Dilution Factor: 1					
				Analysis Time..: 00:10		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Molybdenum									
	0.63	100	87.5	mg/kg	87		SW846 6010B	10/09-10/11/00	DLPGD114
	0.63	100	86.7	mg/kg	86	0.87	SW846 6010B	10/09-10/11/00	DLPGD115
				Dilution Factor: 1					
				Analysis Time..: 00:10		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0283230					

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:15 **Date Received..:** 10/05/00 18:45

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	17.7	50.0	64.0	mg/kg	93		SW846 6010B	10/09-10/11/00	DLPGD116
	17.7	50.0	64.7	mg/kg	94	1.1	SW846 6010B	10/09-10/11/00	DLPGD117
				Dilution Factor: 1					
				Analysis Time..: 00:10	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Thallium									
	ND	200	175	mg/kg	88		SW846 6010B	10/09-10/11/00	DLPGD118
	ND	200	175	mg/kg	87	0.49	SW846 6010B	10/09-10/11/00	DLPGD119
				Dilution Factor: 1					
				Analysis Time..: 00:10	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Vanadium									
	58.6	50.0	105	mg/kg	92		SW846 6010B	10/09-10/11/00	DLPGD11A
	58.6	50.0	104	mg/kg	90	0.75	SW846 6010B	10/09-10/11/00	DLPGD11C
				Dilution Factor: 1					
				Analysis Time..: 00:10	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0283230					
Zinc									
	57.9	50.0	116	mg/kg	116		SW846 6010B	10/09-10/11/00	DLPGD11D
	57.9	50.0	101	mg/kg	85	14	SW846 6010B	10/09-10/11/00	DLPGD11E
				Dilution Factor: 1					
				Analysis Time..: 00:10	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0283230					

MS Lot-Sample #: E0J060329-001 **Prep Batch #...:** 0283500

Mercury									
	0.033	0.167	0.218	mg/kg	111		SW846 7471A	10/10-10/12/00	DLPGD11U
	0.033	0.167	0.213	mg/kg	108	2.3	SW846 7471A	10/10-10/12/00	DLPGD11V
				Dilution Factor: 1					
				Analysis Time..: 15:11	Instrument ID..: M04			Analyst ID.....: 021088	
				MS Run #.....: 0283241					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPGD11W-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060329-001		DLPGD11X-MSD		
Date Sampled...:	10/05/00 08:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/14/00		
Prep Batch #...:	0283643	**Analysis Time..:**	19:15		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	356074
Instrument ID..:	G01				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)		**250**	**278**	**mg/kg**	**111**		**SW846 8015B**
		250	**308**	**mg/kg**	**123**	**10**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	100	(60 - 130)
	109	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPGD120-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060329-001		DLPGD121-MSD		
Date Sampled...:	10/05/00 08:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	13:54		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	001464
Instrument ID..:	G15				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)		**5.00**	**5.57**	**mg/kg**	**111**		**SW846 8015B**
		5.00	**5.67**	**mg/kg**	**113**	**1.7**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	129	(60 - 130)
	128	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	Work Order #...:	DLPHC11A-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J060329-003		DLPHC11C-MSD		
Date Sampled...:	10/05/00 08:45	Date Received..:	10/05/00 18:45	MS Run #.....:	0293083
Prep Date.....:	10/18/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0293205	Analysis Time..:	15:24		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	004648
Instrument ID..:	MSD				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**50.0**	**47.1**	**ug/kg**	**94**		**SW846 8260B**
	ND	**50.0**	**46.2**	**ug/kg**	**92**	**2.0**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**46.7**	**ug/kg**	**93**		**SW846 8260B**
	ND	**50.0**	**44.6**	**ug/kg**	**89**	**4.6**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**50.0**	**46.8**	**ug/kg**	**94**		**SW846 8260B**
	ND	**50.0**	**46.2**	**ug/kg**	**92**	**1.3**	**SW846 8260B**
Toluene	**3.0**	**50.0**	**46.9**	**ug/kg**	**88**		**SW846 8260B**
	3.0	**50.0**	**45.5**	**ug/kg**	**85**	**3.1**	**SW846 8260B**
Trichloroethene	**16**	**50.0**	**73.1**	**ug/kg**	**113**		**SW846 8260B**
	16	**50.0**	**71.0**	**ug/kg**	**109**	**2.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(70 - 130)
	92	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
	93	(60 - 140)
Toluene-d8	95	(70 - 130)
	94	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	Work Order #...:	DLPJ511A-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J060329-013		DLPJ511C-MSD		
Date Sampled...:	10/05/00 11:10	Date Received..:	10/05/00 18:45	MS Run #.....:	0293089
Prep Date.....:	10/18/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0293207	Analysis Time..:	23:32		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	004648
Instrument ID..:	MSD				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**50.0**	**47.9**	**ug/kg**	**96**		**SW846 8260B**
	ND	**50.0**	**47.7**	**ug/kg**	**95**	**0.33**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**47.8**	**ug/kg**	**96**		**SW846 8260B**
	ND	**50.0**	**47.4**	**ug/kg**	**95**	**0.77**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**50.0**	**47.4**	**ug/kg**	**95**		**SW846 8260B**
	ND	**50.0**	**46.3**	**ug/kg**	**93**	**2.2**	**SW846 8260B**
Toluene	**ND**	**50.0**	**47.2**	**ug/kg**	**94**		**SW846 8260B**
	ND	**50.0**	**45.8**	**ug/kg**	**92**	**3.0**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**51.6**	**ug/kg**	**103**		**SW846 8260B**
	ND	**50.0**	**51.8**	**ug/kg**	**104**	**0.42**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(70 - 130)
	89	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
	96	(60 - 140)
Toluene-d8	91	(70 - 130)
	90	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPKC105-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J050314-018		DLPKC106-MSD		
Date Sampled...:	10/05/00 13:44	**Date Received..:**	10/05/00 18:05	**MS Run #.....:**	0293137
Prep Date.....:	10/18/00	**Analysis Date..:**	10/18/00		
Prep Batch #...:	0293266	**Analysis Time..:**	02:06		
Dilution Factor:	1	**% Moisture.....:**	100	**Analyst ID.....:**	004648
Instrument ID..:	MSG				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**50.0**	**45.2**	**ug/kg**	**90**		**SW846 8260B**
	ND	**50.0**	**44.5**	**ug/kg**	**89**	**1.7**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**43.2**	**ug/kg**	**86**		**SW846 8260B**
	ND	**50.0**	**38.1**	**ug/kg**	**76**	**13**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**50.0**	**57.8**	**ug/kg**	**116**		**SW846 8260B**
	ND	**50.0**	**52.6**	**ug/kg**	**105**	**9.4**	**SW846 8260B**
Toluene	**ND**	**50.0**	**47.2**	**ug/kg**	**94**		**SW846 8260B**
	ND	**50.0**	**40.1**	**ug/kg**	**80**	**16**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**56.6**	**ug/kg**	**113**		**SW846 8260B**
	ND	**50.0**	**50.7**	**ug/kg**	**101**	**11**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
	105	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
	99	(60 - 140)
Toluene-d8	109	(70 - 130)
	104	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPWC120-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060355-001		DLPWC121-MSD		
Date Sampled...:	10/06/00 08:20	**Date Received..:**	10/06/00 16:45	**MS Run #.....:**	0283337
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283644	**Analysis Time..:**	01:07		
Dilution Factor:	1	**% Moisture.....:**	100	**Analyst ID.....:**	356074
Instrument ID..:	G03				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)		**250**	**262**	**mg/kg**	**105**		**SW846 8015B**
		250	**293**	**mg/kg**	**117**	**11**	**SW846 8015B**
Diesel Range Organics (C10-C25)		**250**	**262**	**mg/kg**	**105**		**SW846 8015B**
		250	**293**	**mg/kg**	**117**	**11**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	96	(60 - 130)
	112	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPXD10P-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E0J060355-025		DLPXD10Q-MSD		
Date Sampled...:	10/06/00 15:10	**Date Received..:**	10/06/00 16:45	**MS Run #.....:**	0285270
Prep Date.....:	10/10/00	**Analysis Date..:**	10/11/00		
Prep Batch #...:	0285550	**Analysis Time..:**	05:59		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSH

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**10.0**	**9.25**	**ug/L**	**92**		**SW846 8260B**
	ND	**10.0**	**8.96**	**ug/L**	**90**	**3.2**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**10.0**	**10.3**	**ug/L**	**103**	**1.2**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**9.77**	**ug/L**	**98**		**SW846 8260B**
	ND	**10.0**	**9.60**	**ug/L**	**96**	**1.8**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.48**	**ug/L**	**95**		**SW846 8260B**
	ND	**10.0**	**8.72**	**ug/L**	**87**	**8.4**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**12.4**	**ug/L**	**124**		**SW846 8260B**
	ND	**10.0**	**12.0**	**ug/L**	**120**	**2.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(75 - 120)
	93	(75 - 120)
1,2-Dichloroethane-d4	110	(65 - 130)
	112	(65 - 130)
Toluene-d8	104	(80 - 130)
	96	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLM2X104-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E0J050315-002		DLM2X105-MSD		
Date Sampled...:	10/05/00 10:35	**Date Received..:**	10/05/00 18:05	**MS Run #.....:**	0284323
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284534	**Analysis Time..:**	18:14		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSH

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**93**	**(75 - 120)**			**SW846 8260B**
	94	**(75 - 120)**	**0.74**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**104**	**(70 - 130)**			**SW846 8260B**
	105	**(70 - 130)**	**1.4**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**100**	**(80 - 120)**			**SW846 8260B**
	100	**(80 - 120)**	**0.79**	**(0-25)**	**SW846 8260B**
Toluene	**89**	**(80 - 120)**			**SW846 8260B**
	90	**(80 - 120)**	**1.4**	**(0-25)**	**SW846 8260B**
Trichloroethene	**124**	**(75 - 130)**			**SW846 8260B**
	123	**(75 - 130)**	**0.51**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 120)
	95	(75 - 120)
1,2-Dichloroethane-d4	123	(65 - 130)
	118	(65 - 130)
Toluene-d8	100	(80 - 130)
	94	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:15 **Date Received..:** 10/05/00 18:45

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J060329-001 **Prep Batch #...:** 0283479							
Aluminum	NC	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD11F
	NC	(80 - 120)		(0-25)	SW846 6010B	10/09-10/11/00	DLPGD11G
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Arsenic	83	(75 - 115)			SW846 6010B	10/09-10/11/00	DLPGD11H
	84	(75 - 115)	1.5	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD11J
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Antimony	38 N	(75 - 115)			SW846 6010B	10/09-10/11/00	DLPGD11K
	37 N	(75 - 115)	2.7	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD11L
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Barium	110	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD11M
	97	(80 - 120)	8.1	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD11N
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Cadmium	88	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD11P
	87	(80 - 120)	1.0	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD11Q
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Chromium	99	(85 - 120)			SW846 6010B	10/09-10/11/00	DLPGD11R
	90	(85 - 120)	4.0	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD11T
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Beryllium	94	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD10P
	93	(80 - 120)	0.78	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD10Q
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:15 **Date Received..:** 10/05/00 18:45

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	87	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD10R
	88	(80 - 120)	0.87	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD10T
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Selenium	78	(70 - 115)			SW846 6010B	10/09-10/11/00	DLPGD10U
	79	(70 - 115)	0.60	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD10V
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Silver	85	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD10W
	85	(80 - 120)	0.54	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD10X
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
obalt	93	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD110
	96	(80 - 120)	2.2	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD111
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Copper	360 N	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD112
	8.3 N,*	(80 - 120)	93	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD113
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Molybdenum	87	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD114
	86	(80 - 120)	0.87	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD115
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Nickel	93	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD116
	94	(80 - 120)	1.1	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD117
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					
Thallium	88	(75 - 120)			SW846 6010B	10/09-10/11/00	DLPGD118
	87	(75 - 120)	0.49	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD119
		Dilution Factor: 1					
		Analysis Time..: 00:10			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0283230					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J060329 **Matrix.....:** SOLID
Date Sampled...: 10/05/00 08:15 **Date Received..:** 10/05/00 18:45

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	92	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD11A
	90	(80 - 120)	0.75	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD11C

Dilution Factor: 1
Analysis Time..: 00:10 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0283230

Zinc	116	(80 - 120)			SW846 6010B	10/09-10/11/00	DLPGD11D
	85	(80 - 120)	14	(0-25)	SW846 6010B	10/09-10/11/00	DLPGD11E

Dilution Factor: 1
Analysis Time..: 00:10 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0283230

MS Lot-Sample #: E0J060329-001 **Prep Batch #...:** 0283500

Mercury	111	(80 - 120)			SW846 7471A	10/10-10/12/00	DLPGD11U
	108	(80 - 120)	2.3	(0-20)	SW846 7471A	10/10-10/12/00	DLPGD11V

Dilution Factor: 1
Analysis Time..: 15:11 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 0283241

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPGD11W-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060329-001		DLPGD11X-MSD		
Date Sampled...:	10/05/00 08:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0283336
Prep Date.....:	10/09/00	**Analysis Date..:**	10/14/00		
Prep Batch #...:	0283643	**Analysis Time..:**	19:15		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	356074
Instrument ID..:	G01				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**111**	**(60 - 130)**			**SW846 8015B**
	123	**(60 - 130)**	**10**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	100	(60 - 130)
	109	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPGD120-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060329-001		DLPGD121-MSD		
Date Sampled...:	10/05/00 08:15	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0284307
Prep Date.....:	10/10/00	**Analysis Date..:**	10/10/00		
Prep Batch #...:	0284517	**Analysis Time..:**	13:54		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	001464
Instrument ID..:	G15				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**111**	**(80 - 140)**			**SW846 8015B**
	113	**(80 - 140)**	**1.7**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	129	(60 - 130)
	128	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPHC11A-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060329-003		DLPHC11C-MSD		
Date Sampled...:	10/05/00 08:45	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0293083
Prep Date.....:	10/18/00	**Analysis Date..:**	10/18/00		
Prep Batch #...:	0293205	**Analysis Time..:**	15:24		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	004648
Instrument ID..:	MSD				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**94**	**(70 - 140)**			**SW846 8260B**
	92	**(70 - 140)**	**2.0**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**93**	**(70 - 130)**			**SW846 8260B**
	89	**(70 - 130)**	**4.6**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(60 - 150)**			**SW846 8260B**
	92	**(60 - 150)**	**1.3**	**(0-30)**	**SW846 8260B**
Toluene	**88**	**(70 - 130)**			**SW846 8260B**
	85	**(70 - 130)**	**3.1**	**(0-30)**	**SW846 8260B**
Trichloroethene	**113**	**(70 - 130)**			**SW846 8260B**
	109	**(70 - 130)**	**2.9**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(70 - 130)
	92	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
	93	(60 - 140)
Toluene-d8	95	(70 - 130)
	94	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPJ511A-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060329-013		DLPJ511C-MSD		
Date Sampled...:	10/05/00 11:10	**Date Received..:**	10/05/00 18:45	**MS Run #.....:**	0293089
Prep Date.....:	10/18/00	**Analysis Date..:**	10/18/00		
Prep Batch #...:	0293207	**Analysis Time..:**	23:32		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	004648
Instrument ID..:	MSD				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(70 - 140)**			**SW846 8260B**
	95	**(70 - 140)**	**0.33**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**96**	**(70 - 130)**			**SW846 8260B**
	95	**(70 - 130)**	**0.77**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**95**	**(60 - 150)**			**SW846 8260B**
	93	**(60 - 150)**	**2.2**	**(0-30)**	**SW846 8260B**
Toluene	**94**	**(70 - 130)**			**SW846 8260B**
	92	**(70 - 130)**	**3.0**	**(0-30)**	**SW846 8260B**
Trichloroethene	**103**	**(70 - 130)**			**SW846 8260B**
	104	**(70 - 130)**	**0.42**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(70 - 130)
	89	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
	96	(60 - 140)
Toluene-d8	91	(70 - 130)
	90	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPKC105-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J050314-018		DLPKC106-MSD		
Date Sampled...:	10/05/00 13:44	**Date Received..:**	10/05/00 18:05	**MS Run #.....:**	0293137
Prep Date.....:	10/18/00	**Analysis Date..:**	10/18/00		
Prep Batch #...:	0293266	**Analysis Time..:**	02:06		
Dilution Factor:	1	**% Moisture.....:**	100	**Analyst ID.....:**	004648
Instrument ID..:	MSG				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**90**	**(70 - 140)**			**SW846 8260B**
	89	**(70 - 140)**	**1.7**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**86**	**(70 - 130)**			**SW846 8260B**
	76	**(70 - 130)**	**13**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**116**	**(60 - 150)**			**SW846 8260B**
	105	**(60 - 150)**	**9.4**	**(0-30)**	**SW846 8260B**
Toluene	**94**	**(70 - 130)**			**SW846 8260B**
	80	**(70 - 130)**	**16**	**(0-30)**	**SW846 8260B**
Trichloroethene	**113**	**(70 - 130)**			**SW846 8260B**
	101	**(70 - 130)**	**11**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
	105	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
	99	(60 - 140)
Toluene-d8	109	(70 - 130)
	104	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPWC120-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060355-001		DLPWC121-MSD		
Date Sampled...:	10/06/00 08:20	**Date Received..:**	10/06/00 16:45	**MS Run #.....:**	0283337
Prep Date.....:	10/09/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0283644	**Analysis Time..:**	01:07		
Dilution Factor:	1	**% Moisture.....:**	100	**Analyst ID.....:**	356074
Instrument ID..:	G03				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**105**	**(60 - 130)**			**SW846 8015B**
	117	**(60 - 130)**	**11**	**(0-35)**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**105**	**(60 - 130)**			**SW846 8015B**
	117	**(60 - 130)**	**11**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	96	(60 - 130)
	112	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E0J060329	**Work Order #...:**	DLPXD10P-MS DLPXD10Q-MSD	**Matrix.....:**	WATER
MS Lot-Sample #:	E0J060355-025				
Date Sampled...:	10/06/00 15:10	**Date Received..:**	10/06/00 16:45	**MS Run #.....:**	0285270
Prep Date.....:	10/10/00	**Analysis Date..:**	10/11/00		
Prep Batch #...:	0285550	**Analysis Time..:**	05:59		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSH

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**92**	**(75 - 120)**			**SW846 8260B**
	90	**(75 - 120)**	**3.2**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**105**	**(70 - 130)**			**SW846 8260B**
	103	**(70 - 130)**	**1.2**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**98**	**(80 - 120)**			**SW846 8260B**
	96	**(80 - 120)**	**1.8**	**(0-25)**	**SW846 8260B**
Toluene	**95**	**(80 - 120)**			**SW846 8260B**
	87	**(80 - 120)**	**8.4**	**(0-25)**	**SW846 8260B**
Trichloroethene	**124**	**(75 - 130)**			**SW846 8260B**
	120	**(75 - 130)**	**2.9**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(75 - 120)
	93	(75 - 120)
1,2-Dichloroethane-d4	110	(65 - 130)
	112	(65 - 130)
Toluene-d8	104	(80 - 130)
	96	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Extended Raw Data

Level III

Project # EOJ060329

Analysis: 826013

000251

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 10-04-2006

INSTRUMENT ID: MM

SAMPLES: FU3060329

Batch ID: _____

GC/MS VOA Run Log

FJK 10/20/00

☐ EPA 524.2 ☐ EPA 624 ☐ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Instrument ID: MS1H	EM Set: 1706	Tune File: BFB.U	Seq File: 10/4/BH
Init. Cal ID: 8260BHL			Date: 10/4/BH

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
20:27	AD	HT1133	50ng BFB			1 µL	—	—	✓			MSVSA1198-1
20:45		HS2158	.5ppb 826013	1		25mL	1.0	129	—			I1243-2, S12441, SA11242-2
21:16		HS2159	1ppb 826013	2				130	—			
21:46		HS2159	5ppb 826013	3				109	—			
22:16		HS2160	10ppb 826013	4				117	—			
22:46		HS2161	20ppb 826013	5				133	—			
23:17		HS2162	100ppb 826013	6				136	—			
23:47		HS2163	2.5ppb 826013	7				131	—			
0:17		MI2300	MB 1004134	8				131	—			
0:48		01	SECOND SOURCE	9				130	—			
1:18		02	MB 1004134	10				110	N			

000253

BOE-C6-0170787

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 02-OCT-2000 17:42
End Cal Date : 04-OCT-2000 23:47
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2007\D\chem\mh.I\1004BH.B\8260BHL.M
Cal Date : 06-Oct-2000 15:25 donga
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2007\D\chem\mh.I\1004BH.B\HS2159.D
Level 2: \\SANP2007\D\chem\mh.I\1004BH.B\HS2154.D
Level 3: \\SANP2007\D\chem\mh.I\1004BH.B\HS2160.D
Level 4: \\SANP2007\D\chem\mh.I\1004BH.B\HS2161.D
Level 5: \\SANP2007\D\chem\mh.I\1004BH.B\HS2162.D
Level 6: \\SANP2007\D\chem\mh.I\1004BH.B\HS2158.D
Level 7: \\SANP2007\D\chem\mh.I\1004BH.B\HS2163.D

10-6-00
10/6/00

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD
	2.500 Level 7							
1 Dichlorodifluoromethane	0.37935	0.35630	0.35553	0.33375	0.32090	+++++		
	+++++						0.34917	6.466
2 Chloromethane (**)	0.14172	0.14273	0.14093	0.12995	0.12625	+++++		
	+++++						0.13631	5.605
3 Vinyl chloride (*)	+++++	0.19244	0.19056	0.18271	0.17624	0.19326		
	+++++						0.18704	3.926
4 Bromomethane	0.26985	0.24533	0.23258	0.19497	0.16486	+++++		
	+++++						0.22152	18.804
5 Chloroethane	0.13633	0.12864	0.12686	0.11473	0.09592	+++++		
	+++++						0.12049	13.087
6 Trichlorofluoromethane	0.66551	0.63513	0.62918	0.58073	0.52955	+++++		
	+++++						0.60802	8.776
7 Acetone	0.02102	0.01739	0.01479	0.01241	0.01162	+++++		
	+++++						0.01545	24.888

STL Los Angeles

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Curve Type : Average

Compound	1.000 Level 1 / 2.500 Level 7	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD	
8 1,1-Dichloroethene(*)	0.30172	0.28393	0.28193	0.25620	0.23344	+++++			
	+++++						0.27144	9.849	
9 1,1,2-Trichlorotrifluoroethan	0.37453	0.35301	0.35365	0.31229	0.27280	+++++			
	+++++						0.33326	12.192	
10 Acrolein	0.00768	0.00584	0.00590	0.00527	0.00496	+++++			
	+++++						0.00593	17.820	<-
11 Iodomethane	0.49864	0.53785	0.55305	0.49728	0.43326	+++++			
	+++++						0.50402	9.215	
12 Carbon disulfide	0.85554	0.92989	0.93838	0.91009	0.87796	+++++			
	+++++						0.90237	3.880	
13 Methylene chloride	0.25430	0.25633	0.25881	0.24947	0.23925	+++++			
	+++++						0.25163	3.070	
14 Acrylonitrile	0.01009	0.01199	0.01263	0.01228	0.01177	+++++			
	+++++						0.01175	8.358	
15 t-Butanol	+++++	0.00565	0.00568	0.00540	0.00495	+++++			
	0.00427						0.00519	11.415	<-
16 trans-1,2-Dichloroethene	0.32291	0.31485	0.32278	0.30229	0.28901	+++++			
	+++++						0.31037	4.704	
17 Methyl-tert-butyl ether[MTBE]	0.35627	0.38025	0.37289	0.35043	0.32165	+++++			
	+++++						0.35630	6.406	

STL Los Angeles

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Cal Date : 06-Oct-2000 15:25 donga
Curve Type : Average

Compound	1.000 Level 1 / 2.500 Level 7	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD
18 1,1-Dichloroethane (**)	0.54159 +++++	0.51959	0.51671	0.49609	0.48900	+++++	0.51260	4.064
19 Vinyl acetate	0.32248 +++++	0.35410	0.34229	0.33102	0.31737	+++++	0.33345	4.472
20 Isopropyl ether	0.70748 +++++	0.67499	0.66680	0.63008	0.60809	+++++	0.65749	5.931
21 Tert-butyl ethyl ether	0.60386 +++++	0.62975	0.62559	0.59530	0.56255	+++++	0.60341	4.479
22 2,2-Dichloropropane	0.56064 +++++	0.51009	0.51004	0.47750	0.44606	+++++	0.50086	8.525
23 cis-1,2-Dichloroethene	0.31853 +++++	0.32624	0.32036	0.30318	0.28161	+++++	0.30998	5.807
24 2-Butanone	0.02404 +++++	0.02355	0.02427	0.02182	0.02039	+++++	0.02282	7.269
M 25 1,2-Dichloroethene (total)	0.32072 +++++	0.32054	0.32157	0.30273	0.28531	+++++	0.31017	5.153
26 Tetrahydrofuran	+++++ 0.01685	0.02075	0.01722	0.01519	0.01314	+++++	0.01663	16.897
27 Bromochloromethane	0.14375 +++++	0.15536	0.15519	0.14484	0.13478	+++++	0.14678	5.912

STL Los Angeles

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Cal Date : 06-Oct-2000 15:25 donga
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	2.500 Level 7	$\overline{RRF}$	% RSD
28 Chloroform (*)	0.73798	0.68861	0.68868	0.65070	0.62264	+++++	+++++	0.67772	6.446
30 1,1,1-Trichloroethane	0.63048	0.60326	0.59827	0.55399	0.50649	+++++	+++++	0.57850	8.421
31 Carbon Tetrachloride	+++++	0.53900	0.54468	0.50381	0.45576	0.45545	+++++	0.49974	8.650
32 1,1-Dichloropropene	0.51029	0.49091	0.48663	0.45323	0.42561	+++++	+++++	0.47333	7.113
34 1,2-Dichloroethane-d4 2nd	0.02930	0.04740	0.04723	0.04210	0.04008	+++++	+++++	0.04122	17.925
35 Benzene	0.81021	0.78085	0.77308	0.74298	0.71168	+++++	+++++	0.76376	4.934
36 1,2-Dichloroethane	+++++	0.29358	0.28794	0.27268	0.25430	0.23038	+++++	0.26778	9.661
37 Tert-amyl methyl ether	0.43379	0.46296	0.47699	0.43938	0.41165	+++++	+++++	0.44495	5.746
39 Trichloroethene	0.38030	0.37657	0.37939	0.35521	0.33137	+++++	+++++	0.36457	5.820
40 1,2-Dichloropropane(*)	0.29250	0.28870	0.28817	0.27431	0.26491	+++++	+++++	0.28172	4.140

STL Los Angeles

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Integrator : HP RTE
Method file : \\SANP2007\D\chem\mh.I\1004BH.B\8260BHL.M
Cal Date : 06-Oct-2000 15:25 donga
Curve Type : Average

Compound	1.000 Level 1 / 2.500 Level 7	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	$\overline{RRF}$	% RSD
41 Dibromomethane	0.18975 +++++	0.21272	0.21639	0.20413	0.18545	+++++	0.20169	6.789
42 Bromodichloromethane	0.56803 +++++	0.58789	0.58761	0.54799	0.53060	+++++	0.56443	4.443
43 1-Bromo-2-chloroethane	0.33917 +++++	0.37649	0.38194	0.38432	0.36381	+++++	0.36915	5.022
44 2-Chloroethylvinyl ether	+++++ 0.00909	0.01220	0.01308	0.01665	0.01597	+++++	0.01340	22.784 <-
45 cis-1,3-Dichloropropene	+++++ +++++	0.38081	0.38464	0.37585	0.36157	0.29973	0.36052	9.733
46 4-Methyl-2-pentanone	0.06333 +++++	0.07785	0.07437	0.06939	0.06406	+++++	0.06980	9.082
48 Toluene (*)	1.39435 +++++	1.43201	1.46569	1.45342	1.41976	+++++	1.43304	1.960
49 trans-1,3-Dichloropropene	+++++ +++++	0.39329	0.42419	0.43170	0.42397	0.27111	0.38885	17.348
50 1,1,2-Trichloroethane	0.24064 +++++	0.27152	0.28064	0.26992	0.26640	+++++	0.26582	5.653
51 Tetrachloroethene	0.47182 +++++	0.49435	0.51134	0.46778	0.42650	+++++	0.47436	6.755

STL Los Angeles

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Method file : \\SANP2007\D\chem\mh.I\1004BH.B\8260BHL.M
Cal Date : 06-Oct-2000 15:25 donga
Curve Type : Average

Compound	1.000 Level 1 / 2.500 Level 7	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD
52 1,3-Dichloropropane	0.37171 +++++	0.42911	0.42675	0.41181	0.38884	+++++	0.40564	6.123
53 2-Hexanone	0.07655 +++++	0.07831	0.07843	0.07174	0.06739	+++++	0.07448	6.455
54 Dibromochloromethane	0.48246 +++++	0.56073	0.58136	0.55330	0.52381	+++++	0.54033	7.101
55 1,2-Dibromoethane	0.31999 +++++	0.38709	0.39690	0.38997	0.37876	+++++	0.37454	8.325
57 Chlorobenzene (**)	0.97978 +++++	1.01786	1.03935	1.02821	0.98137	+++++	1.00931	2.707
58 1,1,1,2-Tetrachloroethane	0.45162 +++++	0.48987	0.49856	0.47190	0.43659	+++++	0.46971	5.498
59 Ethylbenzene (*)	0.45576 +++++	0.46527	0.48100	0.45016	0.43286	+++++	0.45701	3.907
60 m,p-Xylenes	0.58147 +++++	0.60536	0.61161	0.57597	0.52904	+++++	0.58069	5.617
M 61 Xylenes (total)	0.55836 +++++	0.58717	0.59583	0.56149	0.52032	+++++	0.56463	5.234
62 o-Xylene	0.51213 +++++	0.55078	0.56427	0.53251	0.50290	+++++	0.53252	4.819

STL Los Angeles

INITIAL CALIBRATION DATA

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Integrator : HP RTE
Method file : \\SANP2007\D\chem\mh.I\1004BH.B\8260BHL.M
Cal Date : 06-Oct-2000 15:25 donga
Curve Type : Average

Compound	1.000 Level 1 / 2.500 Level 7	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD
63 Styrene	0.80029 +++++	0.87875	0.91016	0.87708	0.82223	+++++	0.85770	5.255
64 Bromoform (**)	0.21826 +++++	0.28551	0.28888	0.29252	0.27194	+++++	0.27142	11.317
65 Isopropylbenzene	1.71283 +++++	1.80985	1.82741	1.76622	1.69340	+++++	1.76194	3.323
67 4-Bromofluorobenzene-2nd	0.42083 +++++	0.50415	0.50068	0.43577	0.40461	+++++	0.45321	10.209
68 Bromobenzene	0.83153 +++++	0.87061	0.88646	0.89912	0.92404	+++++	0.88235	3.908
69 1,1,2,2-Tetrachloroethane(**)	0.59213 +++++	0.65247	0.64959	0.67090	0.70056	+++++	0.65313	6.076
70 1,2,3-Trichloropropane	0.08662 +++++	0.13637	0.13967	0.14198	0.14498	+++++	0.12992	18.790
71 n-Propylbenzene	4.01338 +++++	3.72943	4.11658	4.29201	4.61325	+++++	4.15293	7.908
72 2-Chlorotoluene	0.83897 +++++	0.76011	0.76806	0.77072	0.79601	+++++	0.78677	4.083
73 4-Chlorotoluene	0.86780 +++++	0.81729	0.84278	0.81569	0.82014	+++++	0.83274	2.697

STL Los Angeles

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Integrator : HP RTE
Method file : \\SANP2007\D\chem\mh.I\1004BH.B\8260BHL.M
Cal Date : 06-Oct-2000 15:25 donga
Curve Type : Average

Compound	1.000 Level 1 / 2.500 Level 7	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD
74 1,3,5-Trimethylbenzene	3.09982 +++++	2.81039	2.80727	2.78849	2.84210	+++++	2.86961	4.534
75 tert-Butylbenzene	3.06858 +++++	2.81908	2.87066	2.88350	2.94221	+++++	2.91681	3.274
76 1,2,4-Trimethylbenzene	3.02474 +++++	2.73722	2.78006	2.80082	2.89182	+++++	2.84693	4.015
77 sec-Butylbenzene	4.07742 +++++	3.90415	3.96630	3.96265	4.15984	+++++	4.01407	2.561
78 1,3-Dichlorobenzene	1.54814 +++++	1.47719	1.52647	1.56509	1.59886	+++++	1.54315	2.941
80 p-Isopropyltoluene	3.38950 +++++	3.13398	3.13644	3.06266	2.98489	+++++	3.14150	4.836
81 1,4-Dichlorobenzene	1.75061 +++++	1.71771	1.69484	1.57354	1.47802	+++++	1.64294	6.933
82 1,2-Dichlorobenzene	1.33554 +++++	1.32225	1.30473	1.32372	1.33379	+++++	1.32401	0.928
83 n-Butylbenzene	3.64783 +++++	3.44061	3.51240	3.71366	3.92471	+++++	3.64784	5.170
84 1,2-Dibromo-3-chloropropane	+++++ 0.14017	0.10770	0.11057	0.11997	0.12787	+++++	0.12126	10.918

STL Los Angeles

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Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD
	2.500 Level 7							
85 1,2,4-Trichlorobenzene	0.87620	0.93560	0.97262	0.99328	1.00930	+++++		
	+++++						0.95740	5.547
86 Hexachlorobutadiene	0.99477	0.91762	0.93421	0.86930	0.83446	+++++		
	+++++						0.91007	6.772
87 Napthalene	0.72123	0.89834	0.89620	0.90416	0.85115	+++++		
	+++++						0.85422	9,049
88 1,2,3-Trichlorobenzene	0.64883	0.72064	0.74269	0.75514	0.77231	+++++		
	+++++						0.72792	6.602
$ 29 Dibromofluoromethane	0.54526	0.58369	0.54839	0.46619	0.42185	+++++		
	+++++						0.51308	12.998
$ 33 1,2-Dichloroethane-d4	0.20114	0.25825	0.24339	0.21749	0.20916	+++++		
	+++++						0.22589	10.654
$ 47 Toluene-d8	1.05960	1.18472	1.16480	1.08015	1.05489	+++++		
	+++++						1.10883	5.532
$ 66 4-Bromofluorobenzene	0.77111	0.87267	0.86941	0.77912	0.74970	+++++		
	+++++						0.80840	7.199

Data File: \\SANP2007\D\chem\mh.I\1004BH.B/HS2162.D
Report Date: 10/06/2000

INITIAL CALIBRATION REPORT

Instrument ID: mh.i
Lab File ID: HS2162.D
Analysis Type: WATER

Injection Date: 04-OCT-2000 23:17
Lab Sample ID: 100 PPB 8260B STD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL

COMPOUND	%RSD
Dichlorodifluoromethane	6.5
Chloromethane (**)	5.6
Vinyl chloride (*)	3.9
Bromomethane	18.8
Chloroethane	13.1
Trichlorofluoromethane	8.8
Acrolein	17.8
1,1-Dichloroethene(*)	9.8
1,1,2-Trichlorotrifluoroethan	12.2
Acetone	24.9
Iodomethane	9.2
Carbon disulfide	3.9
Methylene chloride	3.1
t-Butanol	11.4
Acrylonitrile	8.4
trans-1,2-Dichloroethene	4.7
Methyl-tert-butyl ether[MTBE]	6.4
1,1-Dichloroethane (**)	4.1
Vinyl acetate	4.5
Isopropyl ether	5.9
Tert-butyl ethyl ether	4.5
2,2-Dichloropropane	8.5
cis-1,2-Dichloroethene	5.8
2-Butanone	7.3
1,2-Dichloroethene (total)	5.2
Bromochloromethane	5.9
Tetrahydrofuran	16.9
Chloroform (*)	6.4
Dibromofluoromethane	13.0
1,1,1-Trichloroethane	8.4
Carbon Tetrachloride	8.6
1,1-Dichloropropene	7.1
1,2-Dichloroethane-d4	10.7
1,2-Dichloroethane-d4 2nd	17.9
Benzene	4.9
1,2-Dichloroethane	9.7
Tert-amyl methyl ether	5.7
Trichloroethene	5.8
1,2-Dichloropropane(*)	4.1

Data File: \\SANP2007\D\chem\mh.I\1004BH.B/HS2162.D
Report Date: 10/06/2000

INITIAL CALIBRATION REPORT

Instrument ID: mh.i
Lab File ID: HS2162.D
Analysis Type: WATER

Injection Date: 04-OCT-2000 23:17
Lab Sample ID: 100 PPB 8260B STD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\

COMPOUND	%RSD
Dibromomethane	6.8
Bromodichloromethane	4.4
1-Bromo-2-chloroethane	5.0
2-Chloroethylvinyl ether	22.8
cis-1,3-Dichloropropene	9.7
4-Methyl-2-pentanone	9.1
Toluene-d8	5.5
Toluene (*)	2.0
trans-1,3-Dichloropropene	17.3
1,1,2-Trichloroethane	5.7
Tetrachloroethene	6.8
1,3-Dichloropropane	6.1
2-Hexanone	6.5
Dibromochloromethane	7.1
1,2-Dibromoethane	8.3
Chlorobenzene (**)	2.7
1,1,1,2-Tetrachloroethane	5.5
Ethylbenzene (*)	3.9
m,p-Xylenes	5.6
Xylenes (total)	5.2
o-Xylene	4.8
Styrene	5.3
Bromoform (**)	11.3
Isopropylbenzene	3.3
4-Bromofluorobenzene	7.2
4-Bromofluorobenzene-2nd	10.2
Bromobenzene	3.9
1,1,2,2-Tetrachloroethane(**)	6.1
1,2,3-Trichloropropane	18.8
n-Propylbenzene	7.9
2-Chlorotoluene	4.1
4-Chlorotoluene	2.7
1,3,5-Trimethylbenzene	4.5
tert-Butylbenzene	3.3
1,2,4-Trimethylbenzene	4.0
sec-Butylbenzene	2.6
1,3-Dichlorobenzene	2.9
p-Isopropyltoluene	4.8
1,4-Dichlorobenzene	6.9

Data File: \\SANP2007\D\chem\mh.I\1004BH.B/HS2162.D
Report Date: 10/06/2000

INITIAL CALIBRATION REPORT

Instrument ID: mh.i
Lab File ID: HS2162.D
Analysis Type: WATER

Injection Date: 04-OCT-2000 23:17
Lab Sample ID: 100 PPB 8260B STD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\

COMPOUND	%RSD
1,2-Dichlorobenzene	0.9
n-Butylbenzene	5.2
1,2-Dibromo-3-chloropropane	10.9
1,2,4-Trichlorobenzene	5.5
Hexachlorobutadiene	6.8
Napthalene	9.0
1,2,3-Trichlorobenzene	6.6

The average of all %RSD's in the initial calibration is 7.6

10-6-00

STL Los Angeles

Data file : \\SANP2007\D\CHEM\MH.I\1004BH.B\HT1133.D
Lab Smp Id:
Inj Date : 04-OCT-2000 20:27
Operator : AD Inst ID: mh.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : 1UL MSVOA1198-1,,,3,ALL.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1004BH.B\BFB.M
Meth Date : 23-May-2000 08:16 gradyc Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 Bromofluorobenzene						CAS #: 460-00-4		
1.9591	1.8000	(0.000)	95	43021			0.00- 100.00	100.00
1.9591	1.8000	(0.000)	50	7965			15.00- 40.00	18.51
1.9591	1.8000	(0.000)	75	20458			30.00- 60.00	47.55
1.9591	1.8000	(0.000)	96	3187			5.00- 9.00	7.41
1.9591	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.9591	1.8000	(0.000)	174	24026			50.00- 0.00	55.85
1.9591	1.8000	(0.000)	175	1846			5.00- 9.00	7.68
1.9591	1.8000	(0.000)	176	23853			95.00- 101.00	99.28
1.9591	1.8000	(0.000)	177	1661			5.00- 9.00	6.96

10-6-00

Data File: \\SANP2007\D\CHEM\MH.I\1004BH.B\HT1133.D

Date : 04-OCT-2000 20:27

Client ID:

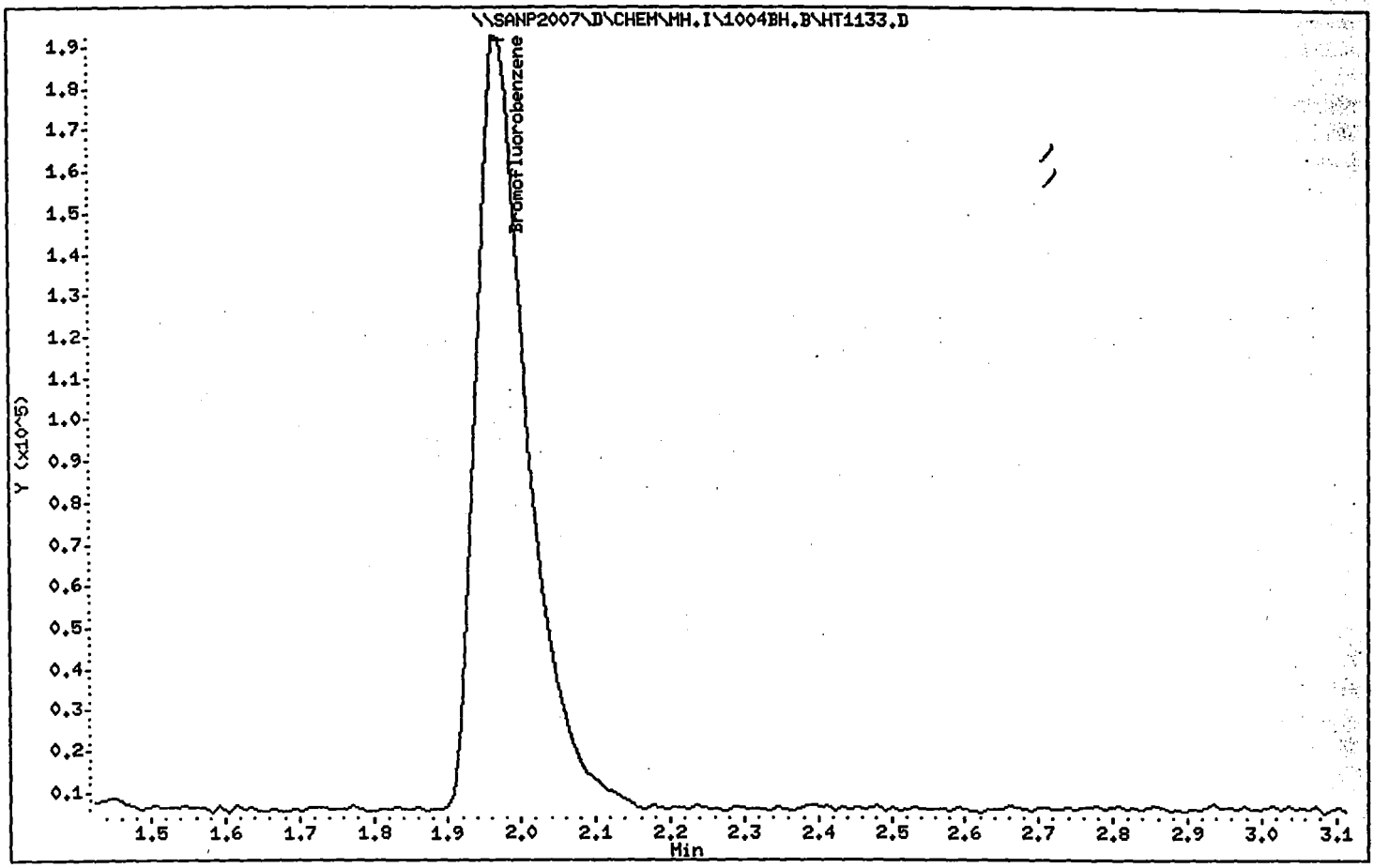
Instrument: mh.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2007\D\CHEM\MH.I\1004BH.B\HT1133.D

Date : 04-OCT-2000 20:27

Client ID:

Instrument: mh.i

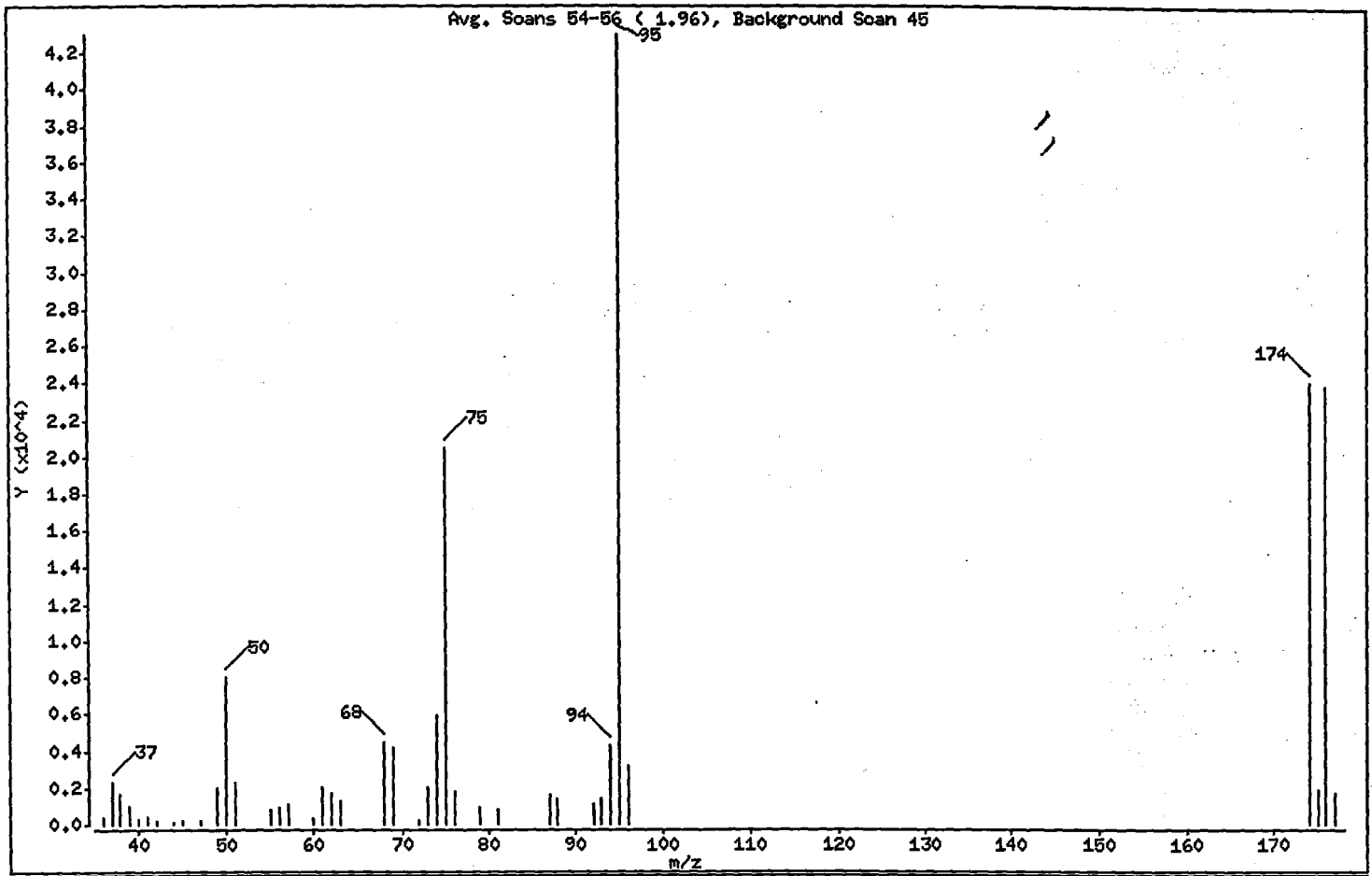
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.51
75	30.00 - 60.00% of mass 95	47.55
96	5.00 - 9.00% of mass 95	7.41
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	55.85
175	5.00 - 9.00% of mass 174	4.29 (7.68)
176	95.00 - 101.00% of mass 174	55.45 (99.28)
177	5.00 - 9.00% of mass 176	3.86 (6.96)

Data File: \\SANP2007\D\CHEM\MH.I\1004BH.B\HT1133.D

Date : 04-OCT-2000 20:27

Client ID:

Instrument: mh.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: HT1133.D

Spectrum: Avg. Scans 54-56 (1.96), Background Scan 45

Location of Maximum: 95.00

Number of points: 40

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	355	50.00	7965	72.00	183	94.00	4252
37.00	2257	51.00	2301	73.00	1935	95.00	43016
38.00	1684	55.00	838	74.00	5928	96.00	3187
39.00	966	56.00	891	75.00	20456	174.00	24024
40.00	273	57.00	1114	76.00	1796	175.00	1846
41.00	353	60.00	336	79.00	912	176.00	23848
42.00	177	61.00	1944	81.00	839	177.00	1661
44.00	133	62.00	1678	87.00	1613		
45.00	199	63.00	1285	88.00	1407		
47.00	188	68.00	4455	92.00	1077		
49.00	1971	69.00	4169	93.00	1368		

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: HS2158.D
Lab Smp Id: 0.5 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 19:14

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1403686	701843	2807372	1298890	-7.47
56 Chlorobenzene-d5	899805	449903	1799610	894337	-0.61
79 1,4-Dichlorobenze	475053	237527	950106	435062	-8.42

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.59	7.09	8.09	7.59	0.06
56 Chlorobenzene-d5	13.07	12.57	13.57	13.08	0.11
79 1,4-Dichlorobenze	17.71	17.21	18.21	17.71	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: HS2159.D
Lab Smp Id: 1 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 22:16

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1171070	585535	2342140	1304932	11.43
56 Chlorobenzene-d5	751201	375601	1502402	905786	20.58
79 1,4-Dichlorobenze	405572	202786	811144	433164	6.80

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.59	7.09	8.09	7.59	-0.00
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	-0.00
79 1,4-Dichlorobenze	17.70	17.20	18.20	17.71	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: HS2154.D
Lab Smp Id: 5 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 19:14

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1403686	701843	2807372	1099774	-21.65
56 Chlorobenzene-d5	899805	449903	1799610	721225	-19.85
79 1,4-Dichlorobenze	475053	237527	950106	386579	-18.62

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.59	7.09	8.09	7.60	0.22
56 Chlorobenzene-d5	13.07	12.57	13.57	13.08	0.05
79 1,4-Dichlorobenze	17.71	17.21	18.21	17.71	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: HS2160.D
Lab Smp Id: 10 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 22:16

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1171070	585535	2342140	1171070	0.00
56 Chlorobenzene-d5	751201	375601	1502402	751201	0.00
79 1,4-Dichlorobenze	405572	202786	811144	405572	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.59	7.09	8.09	7.59	0.00
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	0.00
79 1,4-Dichlorobenze	17.70	17.20	18.20	17.70	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: HS2161.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 22:16

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1171070	585535	2342140	1332710	13.80
56 Chlorobenzene-d5	751201	375601	1502402	828752	10.32
79 1,4-Dichlorobenze	405572	202786	811144	422797	4.25

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.59	7.09	8.09	7.59	-0.03
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	0.06
79 1,4-Dichlorobenze	17.70	17.20	18.20	17.71	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

BOE-C6-0170808

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: HS2162.D
Lab Smp Id: 100 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 22:16

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1171070	585535	2342140	1368624	16.87
56 Chlorobenzene-d5	751201	375601	1502402	831259	10.66
79 1,4-Dichlorobenze	405572	202786	811144	384338	-5.24

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.59	7.09	8.09	7.60	0.10
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	0.06
79 1,4-Dichlorobenze	17.70	17.20	18.20	17.72	0.10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: HS2163.D
Lab Smp Id: 2.5 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2007\D\chem\mh.I\1004BH.B\8260BHL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 22:16

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1171070	585535	2342140	1304172	11.37
56 Chlorobenzene-d5	751201	375601	1502402	844217	12.38
79 1,4-Dichlorobenze	405572	202786	811144	446047	9.98

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.59	7.09	8.09	7.60	0.03
56 Chlorobenzene-d5	13.08	12.58	13.58	13.09	0.09
79 1,4-Dichlorobenze	17.70	17.20	18.20	17.70	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\CHEM\MH.I\1004BH.B\HS2158.D
Lab Smp Id: 0.5 PPB 8260B STD
Inj Date : 04-OCT-2000 20:45
Operator : AD Inst ID: mh.i
Smp Info : 0.5 PPB 8260B STD,,,6,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Meth Date : 04-Oct-2000 21:10 donga Quant Type: ISTD
Cal Date : 02-OCT-2000 17:42 Cal File: HS2151.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.742	1.747	(0.230)	21258	0.50000	0.280(a)
2 Chloromethane (**)	50	1.940	1.925	(0.255)	7846	0.50000	0.505(a)
3 Vinyl chloride (*)	62	2.009	1.994	(0.265)	12551	0.50000	0.534
4 Bromomethane	94	2.314	2.319	(0.305)	14065	0.50000	0.391(a)
5 Chloroethane	64	2.403	2.408	(0.317)	5206	0.50000	0.297(aQ)
6 Trichlorofluoromethane	101	2.669	2.674	(0.352)	36537	0.50000	0.308(a)
10 Acrolein	56	3.054	3.079	(0.402)	2591	0.50000	4.28(aQ)
8 1,1-Dichloroethene(*)	96	3.202	3.187	(0.422)	16858	0.50000	0.422(a)
9 1,1,2-Trichlorotrifluoroethan	151	3.222	3.207	(0.424)	20826	0.50000	0.381(a)
11 Iodomethane	142	3.370	3.365	(0.444)	50148	0.50000	0.522(a)
7 Acetone	43	3.261	3.236	(0.430)	6835	0.50000	4.13(a)
12 Carbon disulfide	76	3.449	3.453	(0.454)	54619	0.50000	0.552(a)
13 Methylene chloride	84	3.774	3.769	(0.497)	14405	0.50000	0.402(a)
14 Acrylonitrile	53	4.099	4.085	(0.540)	2180	0.50000	1.59(aQ)
19 Vinyl acetate	43	4.898	4.903	(0.645)	43668	0.50000	1.06(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 trans-1,2-Dichloroethene	96	4.168	4.154	(0.549)	16807	0.50000	0.361(a)
	17 Methyl-tert-butyl ether[MTBE]	73	4.178	4.183	(0.550)	18849	0.50000	0.348(a)
	18 1,1-Dichloroethane (**)	63	4.760	4.765	(0.627)	30025	0.50000	0.432(a)
	20 Isopropyl ether	45	4.948	4.933	(0.652)	39520	0.50000	0.512(a)
	21 Tert-butyl ethyl ether	59	5.510	5.515	(0.726)	31422	0.50000	0.390(a)
M	25 1,2-Dichloroethene (total)	100				34436	0.50000	0.739(a)
	22 2,2-Dichloropropane	77	5.668	5.653	(0.747)	31410	0.50000	0.378(a)
	23 cis-1,2-Dichloroethene	96	5.687	5.673	(0.749)	17629	0.50000	0.378(a)
	24 2-Butanone	43	5.756	5.712	(0.758)	12567	0.50000	4.69(a)
	27 Bromochloromethane	128	6.052	6.047	(0.797)	6738	0.50000	0.285(a)
	28 Chloroform (*)	83	6.220	6.205	(0.819)	43281	0.50000	0.425(a)
$	29 Dibromofluoromethane	111	6.476	6.471	(0.853)	18902	0.50000	0.219(a)
	30 1,1,1-Trichloroethane	97	6.486	6.491	(0.854)	34626	0.50000	0.348(a)
	31 Carbon Tetrachloride	117	6.762	6.777	(0.891)	29579	0.50000	0.346(a)
	32 1,1-Dichloropropene	75	6.772	6.767	(0.892)	28107	0.50000	0.432(a)
	35 Benzene	78	7.098	7.103	(0.935)	22027	0.50000	0.239(a)
	36 1,2-Dichloroethane	62	7.157	7.132	(0.943)	14962	0.50000	0.371(a)
	37 Tert-amyl methyl ether	73	7.374	7.369	(0.971)	23319	0.50000	0.394(a)
*	38 Fluorobenzene	96	7.591	7.586	(1.000)	1298890	10.0000	
	39 Trichloroethene	130	8.232	8.237	(1.084)	20039	0.50000	0.348(a)
	40 1,2-Dichloropropane(*)	63	8.607	8.592	(1.134)	15908	0.50000	0.511(a)
	41 Dibromomethane	93	8.794	8.789	(1.159)	10335	0.50000	0.365(a)
	42 Bromodichloromethane	83	9.130	9.115	(1.203)	28631	0.50000	0.350(a)
	45 cis-1,3-Dichloropropene	75	9.938	9.933	(1.309)	19466	0.50000	0.433(a)
	46 4-Methyl-2-pentanone	43	10.274	10.249	(1.353)	21976	0.50000	3.14(a)
	48 Toluene (*)	91	10.530	10.525	(0.805)	55399	0.50000	0.457(a)
	49 trans-1,3-Dichloropropene	75	10.984	10.969	(0.839)	12123	0.50000	0.370(a)
	50 1,1,2-Trichloroethane	97	11.289	11.285	(0.863)	8125	0.50000	0.354(a)
	51 Tetrachloroethene	164	11.556	11.531	(0.883)	17862	0.50000	0.353(a)
	52 1,3-Dichloropropane	76	11.595	11.580	(0.886)	13366	0.50000	0.416(a)
	53 2-Hexanone	43	11.842	11.817	(0.905)	15177	0.50000	3.39(a)
	54 Dibromochloromethane	129	12.019	11.985	(0.919)	13508	0.50000	0.250(a)
	55 1,2-Dibromoethane	107	12.167	12.162	(0.930)	11560	0.50000	0.335(a)
*	56 Chlorobenzene-d5	117	13.084	13.070	(1.000)	894337	10.0000	
	57 Chlorobenzene (**)	112	13.124	13.139	(1.003)	14813	0.50000	0.166(aQ)
	58 1,1,1,2-Tetrachloroethane	131	13.331	13.316	(1.019)	16520	0.50000	0.336(a)
	59 Ethylbenzene (*)	106	13.410	13.395	(1.025)	16523	0.50000	0.405(a)
	60 m,p-Xylenes	106	13.647	13.632	(1.043)	47537	0.50000	0.906(a)
M	61 Xylenes (total)	100				67610	0.50000	1.32
	62 o-Xylene	106	14.376	14.381	(1.099)	20072	0.50000	0.418(a)
	63 Styrene	104	14.406	14.411	(1.101)	31728	0.50000	0.411(a)
	64 Bromoform (**)	173	14.732	14.707	(1.126)	7238	0.50000	0.244(a)
	65 Isopropylbenzene	105	15.136	15.131	(1.157)	69528	0.50000	0.419(a)
$	66 4-Bromofluorobenzene	95	15.392	15.397	(1.176)	15792	0.50000	0.220(a)
	67 4-Bromofluorobenzene-2nd	174	15.412	15.397	(1.178)	8836	0.50000	0.176(aQ)
	68 Bromobenzene	156	15.649	15.644	(0.884)	13819	0.50000	0.360(aQ)
	69 1,1,2,2-Tetrachloroethane(**)	83	15.738	15.743	(0.889)	10598	0.50000	0.476(a)

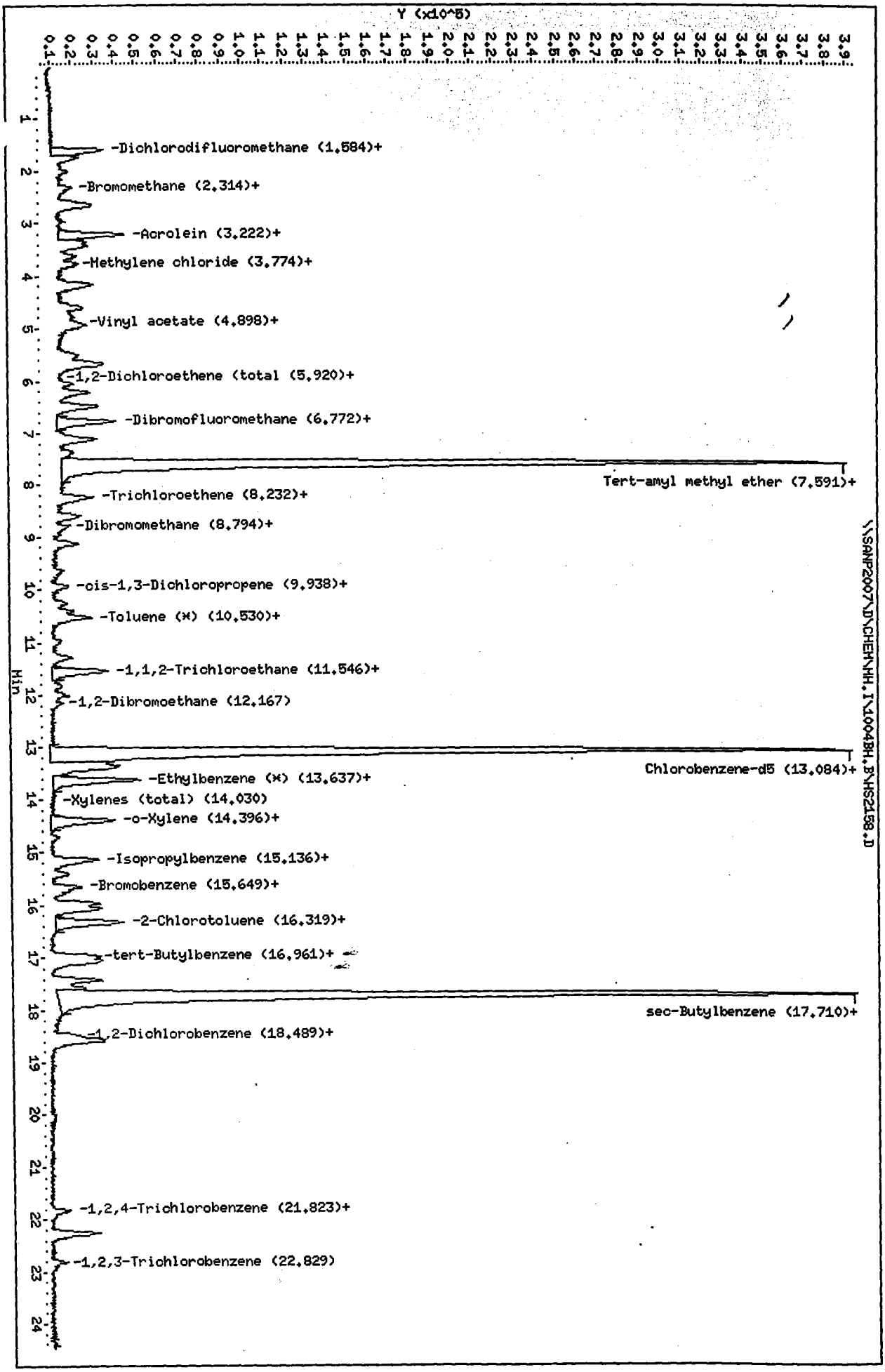
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
71 n-Propylbenzene	91	15.964	15.960	(0.901)	74714	0.50000	0.513(a)
72 2-Chlorotoluene	126	16.073	16.068	(0.908)	14795	0.50000	0.452(aQ)
73 4-Chlorotoluene	126	16.300	16.295	(0.920)	14225	0.50000	0.432(aQ)
74 1,3,5-Trimethylbenzene	105	16.339	16.334	(0.923)	60857	0.50000	0.529(a)
75 tert-Butylbenzene	119	16.961	16.966	(0.958)	56613	0.50000	0.474(a)
76 1,2,4-Trimethylbenzene	105	17.079	17.064	(0.964)	57215	0.50000	0.502(a)
77 sec-Butylbenzene	105	17.414	17.409	(0.983)	83854	0.50000	0.539(a)
78 1,3-Dichlorobenzene	146	17.572	17.557	(0.992)	28550	0.50000	0.435(a)
* 79 1,4-Dichlorobenzene-d4	152	17.710	17.705	(1.000)	435062	10.0000	
80 p-Isopropyltoluene	119	17.759	17.745	(1.003)	63121	0.50000	0.484(a)
81 1,4-Dichlorobenzene	146	17.750	17.755	(1.002)	31852	0.50000	0.463(a)
82 1,2-Dichlorobenzene	146	18.489	18.475	(1.044)	24445	0.50000	0.433(a)
83 n-Butylbenzene	91	18.588	18.563	(1.050)	70192	0.50000	0.508(a)
85 1,2,4-Trichlorobenzene	180	21.823	21.798	(1.232)	15002	0.50000	0.339(a)
86 Hexachlorobutadiene	225	22.267	22.232	(1.257)	19099	0.50000	0.438(a)
87 Napthalene	128	22.316	22.262	(1.260)	14668	0.50000	0.402(a)
88 1,2,3-Trichlorobenzene	180	22.829	22.775	(1.289)	12190	0.50000	0.365(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2007\D\CHEM\MH.I\1004BH.B\HS2158.D
Date : 04-OCT-2000 20:45
Client ID:
Sample Info: 0.5 PPB 8260B STD,,,6.0,,,8260BHL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1004BH.B\HS2159.D
Lab Smp Id: 1 PPB 8260B STD
Inj Date : 04-OCT-2000 21:16
Operator : AD Inst ID: mh.i
Smp Info : 1 PPB 8260B STD,,,1,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Meth Date : 06-Oct-2000 15:27 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 21:46 Cal File: HS2154.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.744	1.742	(0.230)	49502	1.00000	0.808(a)
2 Chloromethane (**)	50	1.942	1.949	(0.256)	18494	1.00000	1.10
3 Vinyl chloride (*)	62	2.011	2.009	(0.265)	27687	1.00000	1.10
4 Bromomethane	94	2.316	2.304	(0.305)	35213	1.00000	1.02
5 Chloroethane	64	2.425	2.393	(0.319)	17790	1.00000	1.03
6 Trichlorofluoromethane	101	2.681	2.669	(0.353)	86845	1.00000	0.882(a)
10 Acrolein	56	3.076	3.093	(0.405)	10028	10.0000	14.34
8 1,1-Dichloroethene(*)	96	3.204	3.202	(0.422)	39372	1.00000	1.04
9 1,1,2-Trichlorotrifluoroethan	151	3.234	3.222	(0.426)	48873	1.00000	1.01
11 Iodomethane	142	3.372	3.370	(0.444)	130138	2.00000	1.59(a)
7 Acetone	43	3.244	3.261	(0.427)	13714	5.00000	6.70(a)
12 Carbon disulfide	76	3.441	3.449	(0.453)	111642	1.00000	1.04
13 Methylene chloride	84	3.786	3.774	(0.499)	33184	1.00000	0.946(a)
14 Acrylonitrile	53	4.102	4.109	(0.540)	13169	10.0000	8.54(a)
19 Vinyl acetate	43	4.910	4.908	(0.647)	84162	2.00000	1.92(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 trans-1,2-Dichloroethene	96	4.161	4.168	(0.548)	42137	1.00000	0.952(a)
	17 Methyl-tert-butyl ether[MTBE]	73	4.190	4.198	(0.552)	46491	1.00000	0.912(a)
	18 1,1-Dichloroethane (**)	63	4.772	4.780	(0.629)	70674	1.00000	1.01
	20 Isopropyl ether	45	4.940	4.948	(0.651)	92321	1.00000	1.10
	21 Tert-butyl ethyl ether	59	5.522	5.520	(0.727)	78799	1.00000	0.965(a)
M	25 1,2-Dichloroethene (total)	100				83703	2.00000	1.90
	22 2,2-Dichloropropane	77	5.660	5.668	(0.745)	73160	1.00000	0.986(a)
	23 cis-1,2-Dichloroethene	96	5.680	5.687	(0.748)	41566	1.00000	0.945(a)
	24 2-Butanone	43	5.729	5.727	(0.755)	15684	5.00000	5.48(a)
	27 Bromochloromethane	128	6.054	6.062	(0.797)	18759	1.00000	0.886(a)
	28 Chloroform (*)	83	6.232	6.230	(0.821)	96301	1.00000	1.03
	26 Tetrahydrofuran	42	6.183	6.171	(0.814)	326	1.00000	0.210(a)
$	29 Dibromofluoromethane	111	6.469	6.486	(0.852)	71153	1.00000	0.928(a)
	30 1,1,1-Trichloroethane	97	6.498	6.496	(0.856)	82274	1.00000	0.968(a)
	31 Carbon Tetrachloride	117	6.765	6.782	(0.891)	70454	1.00000	0.938(a)
	32 1,1-Dichloropropene	75	6.784	6.782	(0.893)	66590	1.00000	1.05
$	33 1,2-Dichloroethane-d4	65	7.011	7.009	(0.923)	26247	1.00000	0.789(a)
	34 1,2-Dichloroethane-d4 2nd	102	6.991	7.019	(0.921)	3824	1.00000	0.656(aM)
	35 Benzene	78	7.110	7.108	(0.936)	105727	1.00000	1.08
	36 1,2-Dichloroethane	62	7.130	7.137	(0.939)	36579	1.00000	0.972(a)
	37 Tert-amyl methyl ether	73	7.396	7.374	(0.974)	56606	1.00000	0.970(a)
*	38 Fluorobenzene	96	7.593	7.601	(1.000)	1304932	10.0000	
	39 Trichloroethene	130	8.234	8.242	(1.084)	49626	1.00000	0.945
	40 1,2-Dichloropropane(*)	63	8.599	8.597	(1.132)	38169	1.00000	1.11
	41 Dibromomethane	93	8.796	8.804	(1.158)	24761	1.00000	0.912(a)
	42 Bromodichloromethane	83	9.112	9.120	(1.200)	74124	1.00000	0.959(a)
	43 1-Bromo-2-chloroethane	63	9.635	9.642	(1.269)	44260	1.00000	0.965(a)
	45 cis-1,3-Dichloropropene	75	9.950	9.938	(1.310)	46427	1.00000	1.000
	46 4-Methyl-2-pentanone	43	10.276	10.274	(1.353)	41319	5.00000	5.10(a)
$	47 Toluene-d8	98	10.404	10.422	(0.796)	95977	1.00000	0.937(a)
	48 Toluene (*)	91	10.522	10.540	(0.805)	126298	1.00000	1.000
	49 trans-1,3-Dichloropropene	75	10.966	10.974	(0.839)	29183	1.00000	0.856(a)
	50 1,1,2-Trichloroethane	97	11.272	11.299	(0.862)	21797	1.00000	0.942(a)
	51 Tetrachloroethene	164	11.548	11.546	(0.883)	42737	1.00000	0.923(a)
	52 1,3-Dichloropropane	76	11.597	11.585	(0.887)	33669	1.00000	0.973(a)
	53 2-Hexanone	43	11.804	11.832	(0.903)	34670	5.00000	6.11(a)
	54 Dibromochloromethane	129	11.982	12.000	(0.916)	43701	1.00000	0.855(aM)
	55 1,2-Dibromoethane	107	12.160	12.167	(0.930)	28984	1.00000	0.854(a)
*	56 Chlorobenzene-d5	117	13.077	13.084	(1.000)	905786	10.0000	
	57 Chlorobenzene (**)	112	13.146	13.144	(1.005)	88747	1.00000	0.974(a)
	58 1,1,1,2-Tetrachloroethane	131	13.313	13.331	(1.018)	40907	1.00000	0.898(a)
	59 Ethylbenzene (*)	106	13.402	13.420	(1.025)	41282	1.00000	1.00
	60 m,p-Xylenes	106	13.629	13.657	(1.042)	105338	2.00000	1.99
M	61 Xylenes (total)	100				151726	3.00000	2.95
	62 o-Xylene	106	14.379	14.396	(1.100)	46388	1.00000	0.962(a)
	63 Styrene	104	14.418	14.436	(1.103)	72489	1.00000	0.930(a)
	64 Bromoform (**)	173	14.724	14.722	(1.126)	19770	1.00000	0.737(a)

10-6-00

10-6-00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	65 Isopropylbenzene	105	15.138	15.156	(1.158)	155146	1.00000	0.954(a)
$	66 4-Bromofluorobenzene	95	15.414	15.402	(1.179)	69846	1.00000	0.949(aM)
	67 4-Bromofluorobenzene-2nd	174	15.414	15.412	(1.179)	38118	1.00000	0.823(a)
	68 Bromobenzene	156	15.661	15.649	(0.884)	36019	1.00000	0.952(aM)
	69 1,1,2,2-Tetrachloroethane(**)	83	15.750	15.757	(0.889)	25649	1.00000	1.04
	70 1,2,3-Trichloropropane	110	15.789	15.787	(0.891)	3752	1.00000	0.696(a)
	71 n-Propylbenzene	91	15.967	15.984	(0.901)	173845	1.00000	1.10
	72 2-Chlorotoluene	126	16.085	16.103	(0.908)	36341	1.00000	1.09
	73 4-Chlorotoluene	126	16.302	16.300	(0.920)	37590	1.00000	1.08
	74 1,3,5-Trimethylbenzene	105	16.341	16.359	(0.923)	134273	1.00000	1.12
	75 tert-Butylbenzene	119	16.963	16.980	(0.958)	132920	1.00000	1.09
	76 1,2,4-Trimethylbenzene	105	17.061	17.089	(0.963)	131021	1.00000	1.10
	77 sec-Butylbenzene	105	17.416	17.434	(0.983)	176619	1.00000	1.07
	78 1,3-Dichlorobenzene	146	17.564	17.582	(0.992)	67060	1.00000	1.02
*	79 1,4-Dichlorobenzene-d4	152	17.712	17.720	(1.000)	433164	10.0000	
	80 p-Isopropyltoluene	119	17.742	17.759	(1.002)	146821	1.00000	1.10
	81 1,4-Dichlorobenzene	146	17.752	17.769	(1.002)	75830	1.00000	1.08
	82 1,2-Dichlorobenzene	146	18.482	18.499	(1.043)	57851	1.00000	1.02
	83 n-Butylbenzene	91	18.570	18.588	(1.048)	158011	1.00000	1.07
	84 1,2-Dibromo-3-chloropropane	157	20.079	20.087	(1.134)	1859	1.00000	0.423(aM)
	85 1,2,4-Trichlorobenzene	180	21.825	21.823	(1.232)	37954	1.00000	0.896(a)
	86 Hexachlorobutadiene	225	22.269	22.257	(1.257)	43090	1.00000	1.04
	87 Napthalene	128	22.289	22.306	(1.258)	31241	1.00000	0.849(a)
	88 1,2,3-Trichlorobenzene	180	22.801	22.809	(1.287)	28105	1.00000	0.868(a)

10-6-00

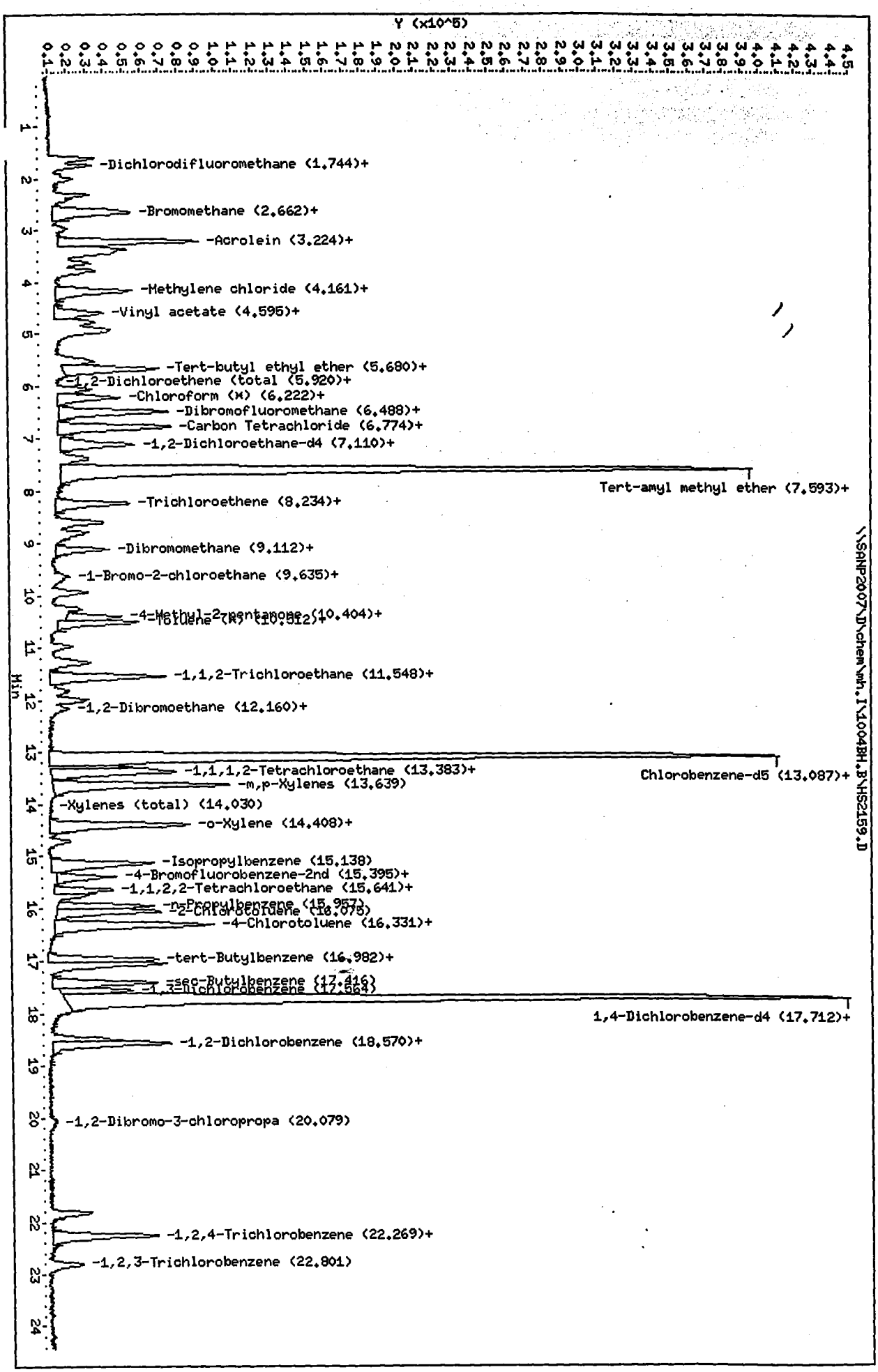
10-6-00

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\SANP2007\D\chem\mh.I\1004BH.B\HS2159.D
Date : 04-OCT-2000 21:16
Client ID:
Sample Info: 1 PPB 8260B STD,,1.0,,,8260BHL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\CHEM\MH.I\1004BH.B\HS2154.D
Lab Smp Id: 5 PPB 8260B STD
Inj Date : 04-OCT-2000 21:46
Operator : AD Inst ID: mh.i
Smp Info : 5 PPB 8260B STD,,,2,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Meth Date : 04-Oct-2000 22:10 donga Quant Type: ISTD
Cal Date : 02-OCT-2000 17:42 Cal File: HS2151.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.735	1.747	(0.228)	195926	5.00000	3.05
2 Chloromethane (**)	50	1.922	1.925	(0.253)	78483	5.00000	5.96
3 Vinyl chloride (*)	62	2.001	1.994	(0.263)	105823	5.00000	5.32
4 Bromomethane	94	2.307	2.319	(0.303)	134906	5.00000	4.43
5 Chloroethane	64	2.395	2.408	(0.315)	70735	5.00000	4.77
6 Trichlorofluoromethane	101	2.672	2.674	(0.351)	349251	5.00000	3.48
10 Acrolein	56	3.076	3.079	(0.405)	32104	50.0000	62.60
8 1,1-Dichloroethene(*)	96	3.204	3.187	(0.421)	156128	5.00000	4.62
9 1,1,2-Trichlorotrifluoroethan	151	3.224	3.207	(0.424)	194117	5.00000	4.20
11 Iodomethane	142	3.352	3.365	(0.441)	591510	10.0000	7.27(a)
7 Acetone	43	3.253	3.236	(0.428)	47801	25.0000	34.08
12 Carbon disulfide	76	3.441	3.453	(0.453)	511337	5.00000	6.10
13 Methylene chloride	84	3.776	3.769	(0.497)	140953	5.00000	4.65
14 Acrylonitrile	53	4.092	4.085	(0.538)	65934	50.0000	56.71(Q)
15 t-Butanol	59	4.023	3.976	(0.529)	12431	20.0000	21.80(aQ)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	19 Vinyl acetate	43	4.910	4.903	(0.646)	389426	10.0000	11.17
	16 trans-1,2-Dichloroethene	96	4.171	4.154	(0.549)	173130	5.00000	4.39
	17 Methyl-tert-butyl ether[MTBE]	73	4.190	4.183	(0.551)	209092	5.00000	4.55
	18 1,1-Dichloroethane (**)	63	4.772	4.765	(0.628)	285715	5.00000	4.85
	20 Isopropyl ether	45	4.950	4.933	(0.651)	371168	5.00000	5.68
	21 Tert-butyl ethyl ether	59	5.502	5.515	(0.724)	346294	5.00000	5.07
M	25 1,2-Dichloroethene (total)	100				352524	10.0000	8.94
	22 2,2-Dichloropropane	77	5.680	5.653	(0.747)	280491	5.00000	3.99
	23 cis-1,2-Dichloroethene	96	5.690	5.673	(0.748)	179394	5.00000	4.54
	24 2-Butanone	43	5.729	5.712	(0.754)	64755	25.0000	28.53
	27 Bromochloromethane	128	6.045	6.047	(0.795)	85430	5.00000	4.26
	28 Chloroform (*)	83	6.222	6.205	(0.818)	378656	5.00000	4.39
	26 Tetrahydrofuran	42	6.173	6.156	(0.812)	8420	5.00000	8.22(Q)
$	29 Dibromofluoromethane	111	6.479	6.471	(0.852)	320961	5.00000	4.39
	30 1,1,1-Trichloroethane	97	6.489	6.491	(0.853)	331725	5.00000	3.94
	31 Carbon Tetrachloride	117	6.774	6.777	(0.891)	296391	5.00000	4.10
	32 1,1-Dichloropropene	75	6.774	6.767	(0.891)	269943	5.00000	4.90
$	33 1,2-Dichloroethane-d4	65	7.011	7.004	(0.922)	142008	5.00000	4.50
	34 1,2-Dichloroethane-d4 2nd	102	7.001	7.004	(0.921)	26064	5.00000	5.02(Q)
	35 Benzene	78	7.100	7.103	(0.934)	429382	5.00000	5.51
	36 1,2-Dichloroethane	62	7.130	7.132	(0.938)	161438	5.00000	4.73
	37 Tert-amyl methyl ether	73	7.376	7.369	(0.970)	254573	5.00000	5.08
*	38 Fluorobenzene	96	7.603	7.586	(1.000)	1099774	10.0000	
	39 Trichloroethene	130	8.244	8.237	(1.084)	207069	5.00000	4.24
	40 1,2-Dichloropropane(*)	63	8.599	8.592	(1.131)	158754	5.00000	6.02
	41 Dibromomethane	93	8.796	8.789	(1.157)	116972	5.00000	4.88
	42 Bromodichloromethane	83	9.122	9.115	(1.200)	323274	5.00000	4.66
	44 2-Chloroethylvinyl ether	106	9.723	9.726	(1.279)	13419	10.0000	9.04(aQ)
	43 1-Bromo-2-chloroethane	63	9.635	9.628	(1.267)	207029	5.00000	5.76
	45 cis-1,3-Dichloropropene	75	9.931	9.933	(1.306)	209404	5.00000	5.50
	46 4-Methyl-2-pentanone	43	10.256	10.249	(1.349)	214051	25.0000	36.15
$	47 Toluene-d8	98	10.414	10.407	(0.796)	427226	5.00000	5.25
	48 Toluene (*)	91	10.532	10.525	(0.805)	516400	5.00000	5.28
	49 trans-1,3-Dichloropropene	75	10.976	10.969	(0.839)	141827	5.00000	5.37
	50 1,1,2-Trichloroethane	97	11.282	11.285	(0.863)	97912	5.00000	5.29
	51 Tetrachloroethene	164	11.538	11.531	(0.882)	178267	5.00000	4.37
	52 1,3-Dichloropropane	76	11.578	11.580	(0.885)	154741	5.00000	5.97
	53 2-Hexanone	43	11.814	11.817	(0.903)	141205	25.0000	39.13
	54 Dibromochloromethane	129	12.002	11.985	(0.918)	202205	5.00000	4.64(Q)
	55 1,2-Dibromoethane	107	12.160	12.162	(0.930)	139591	5.00000	5.02
*	56 Chlorobenzene-d5	117	13.077	13.070	(1.000)	721225	10.0000	
	57 Chlorobenzene (**)	112	13.136	13.139	(1.005)	367053	5.00000	5.09
	58 1,1,1,2-Tetrachloroethane	131	13.314	13.316	(1.018)	176653	5.00000	4.46(Q)
	59 Ethylbenzene (*)	106	13.392	13.395	(1.024)	167783	5.00000	5.10
	60 m,p-Xylenes	106	13.639	13.632	(1.043)	436602	10.0000	10.32
M	61 Xylenes (total)	100				635221	15.0000	15.45
	62 o-Xylene	106	14.379	14.381	(1.100)	198619	5.00000	5.14

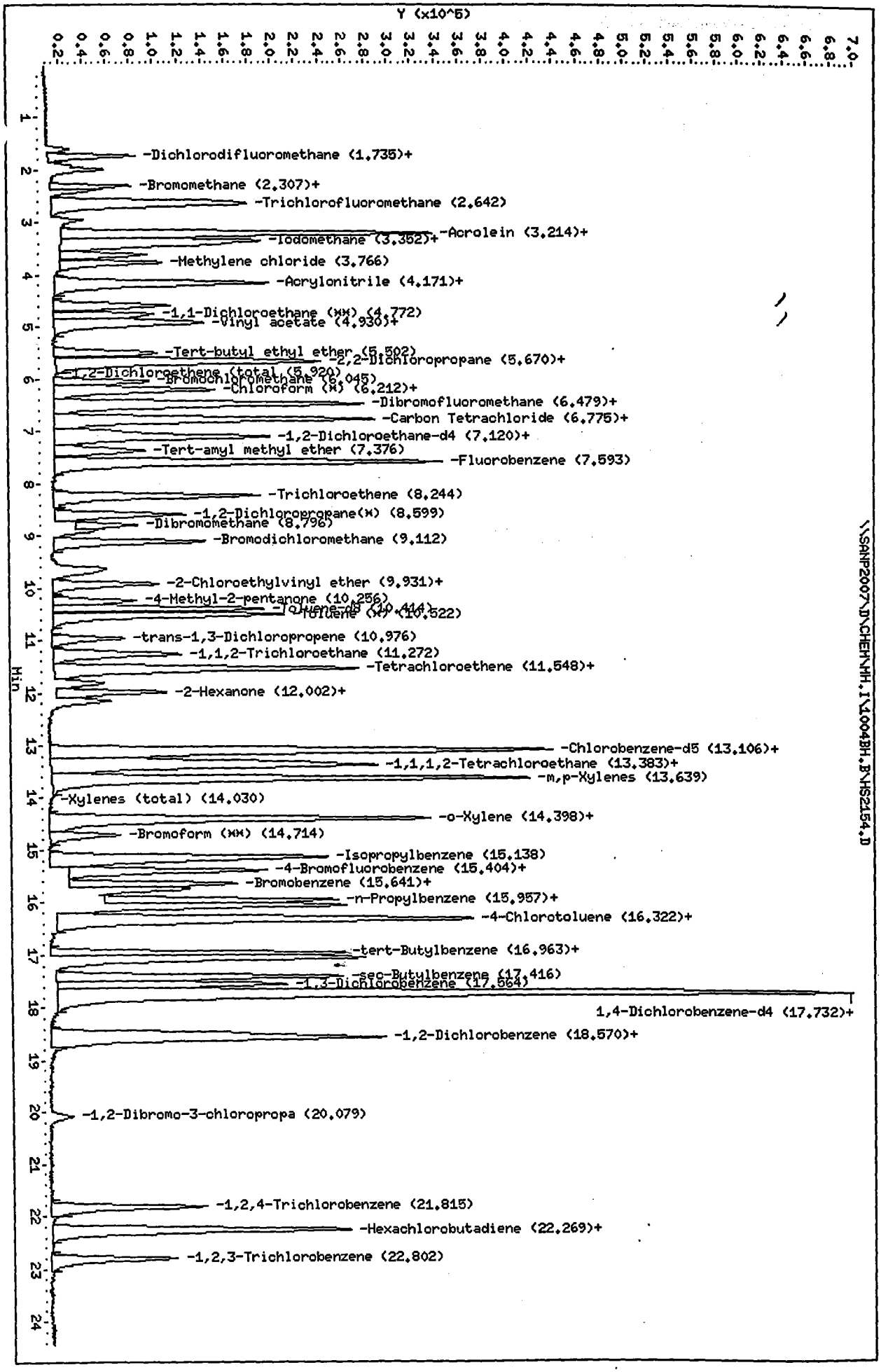
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.428	14.411	(1.103)	316889	5.00000	5.09
64 Bromoform (**)	173	14.714	14.707	(1.125)	102957	5.00000	4.30
65 Isopropylbenzene	105	15.138	15.131	(1.158)	652655	5.00000	4.87
$ 66 4-Bromofluorobenzene	95	15.404	15.397	(1.178)	314694	5.00000	5.44
67 4-Bromofluorobenzene-2nd	174	15.395	15.397	(1.177)	181804	5.00000	4.48
68 Bromobenzene	156	15.651	15.644	(0.884)	168279	5.00000	4.94
69 1,1,2,2-Tetrachloroethane(**)	83	15.750	15.743	(0.889)	126115	5.00000	6.37
70 1,2,3-Trichloropropane	110	15.779	15.782	(0.891)	26359	5.00000	5.25(Q)
71 n-Propylbenzene	91	15.957	15.960	(0.901)	720860	5.00000	5.57
72 2-Chlorotoluene	126	16.065	16.068	(0.907)	146921	5.00000	5.05(Q)
73 4-Chlorotoluene	126	16.292	16.295	(0.920)	157974	5.00000	5.40
74 1,3,5-Trimethylbenzene	105	16.341	16.334	(0.923)	543219	5.00000	5.31
75 tert-Butylbenzene	119	16.963	16.966	(0.958)	544898	5.00000	5.14
76 1,2,4-Trimethylbenzene	105	17.071	17.064	(0.964)	529076	5.00000	5.22
77 sec-Butylbenzene	105	17.426	17.409	(0.984)	754632	5.00000	5.46
78 1,3-Dichlorobenzene	146	17.574	17.557	(0.992)	285526	5.00000	4.90
* 79 1,4-Dichlorobenzene-d4	152	17.712	17.705	(1.000)	386579	10.0000	
80 p-Isopropyltoluene	119	17.752	17.745	(1.002)	605766	5.00000	5.23
81 1,4-Dichlorobenzene	146	17.762	17.755	(1.003)	332016	5.00000	5.43
82 1,2-Dichlorobenzene	146	18.472	18.475	(1.043)	255577	5.00000	5.10
83 n-Butylbenzene	91	18.570	18.563	(1.048)	665034	5.00000	5.42
84 1,2-Dibromo-3-chloropropane	157	20.079	20.072	(1.134)	20818	5.00000	4.76(Q)
85 1,2,4-Trichlorobenzene	180	21.825	21.798	(1.232)	180841	5.00000	4.60
86 Hexachlorobutadiene	225	22.259	22.232	(1.257)	177366	5.00000	4.58
87 Napthalene	128	22.299	22.262	(1.259)	173640	5.00000	5.35
88 1,2,3-Trichlorobenzene	180	22.802	22.775	(1.287)	139292	5.00000	4.70

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2007\D\CHEM\MH.I\1004BH.B\HS2154.D
Date : 04-OCT-2000 21:46
Client ID:
Sample Info: 5 PPB 8260B STD,,2.0,,8260BHL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1004BH.B\HS2160.D
Lab Smp Id: 10 PPB 8260B STD
Inj Date : 04-OCT-2000 22:16
Operator : AD Inst ID: mh.i
Smp Info : 10 PPB 8260B STD,,,3,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Meth Date : 06-Oct-2000 15:27 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 22:16 Cal File: HS2160.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.744	1.742	(0.230)	416355	10.0000	8.58
2 Chloromethane (**)	50	1.932	1.949	(0.254)	165035	10.0000	10.74
3 Vinyl chloride (*)	62	2.001	2.009	(0.264)	223157	10.0000	9.99
4 Bromomethane	94	2.307	2.304	(0.304)	272372	10.0000	9.40
5 Chloroethane	64	2.405	2.393	(0.317)	148557	10.0000	9.84
6 Trichlorofluoromethane	101	2.672	2.669	(0.352)	736809	10.0000	9.20
10 Acrolein	56	3.076	3.093	(0.405)	69128	100.000	105.1(A)
8 1,1-Dichloroethene(*)	96	3.204	3.202	(0.422)	330154	10.0000	9.99
9 1,1,2-Trichlorotrifluoroethan	151	3.224	3.222	(0.425)	414150	10.0000	10.12
11 Iodomethane	142	3.362	3.370	(0.443)	1295319	20.0000	19.46
7 Acetone	43	3.253	3.261	(0.428)	86613	50.0000	46.60
12 Carbon disulfide	76	3.441	3.449	(0.453)	1098904	10.0000	11.16
13 Methylene chloride	84	3.766	3.774	(0.496)	303089	10.0000	9.75
14 Acrylonitrile	53	4.092	4.109	(0.539)	147869	100.000	104.8(A)
15 t-Butanol	59	3.974	4.030	(0.523)	26597	40.0000	39.52

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	mpounds							
	19 Vinyl acetate	43	4.901	4.908	(0.645)	801688	20.0000	19.96
	16 trans-1,2-Dichloroethene	96	4.161	4.168	(0.548)	378000	10.0000	9.75
	17 Methyl-tert-butyl ether[MTBE]	73	4.191	4.198	(0.552)	436680	10.0000	9.83
	18 1,1-Dichloroethane (**)	63	4.772	4.780	(0.629)	605107	10.0000	9.72
	20 Isopropyl ether	45	4.940	4.948	(0.651)	780875	10.0000	10.02
	21 Tert-butyl ethyl ether	59	5.522	5.520	(0.727)	732615	10.0000	9.99
M	25 1,2-Dichloroethene (total)	100				753160	20.0000	19.52
	22 2,2-Dichloropropane	77	5.660	5.668	(0.745)	597294	10.0000	9.43
	23 cis-1,2-Dichloroethene	96	5.680	5.687	(0.748)	375160	10.0000	9.76
	24 2-Butanone	43	5.719	5.727	(0.753)	142106	50.0000	52.58
	27 Bromochloromethane	128	6.055	6.062	(0.797)	181736	10.0000	9.96
	28 Chloroform (*)	83	6.222	6.230	(0.819)	806493	10.0000	9.86
	26 Tetrahydrofuran	42	6.143	6.171	(0.809)	20168	10.0000	13.24
$	29 Dibromofluoromethane	111	6.479	6.486	(0.853)	642198	10.0000	9.90
	30 1,1,1-Trichloroethane	97	6.498	6.496	(0.856)	700617	10.0000	9.72
	31 Carbon Tetrachloride	117	6.774	6.782	(0.892)	637856	10.0000	10.17
	32 1,1-Dichloropropene	75	6.774	6.782	(0.892)	569882	10.0000	10.01
$	33 1,2-Dichloroethane-d4	65	7.001	7.009	(0.922)	285030	10.0000	10.01
	34 1,2-Dichloroethane-d4 2nd	102	7.021	7.019	(0.925)	55313	10.0000	10.87
	35 Benzene	78	7.100	7.108	(0.935)	905331	10.0000	10.10
	36 1,2-Dichloroethane	62	7.139	7.137	(0.940)	337200	10.0000	10.30
	37 Tert-amyl methyl ether	73	7.376	7.374	(0.971)	558588	10.0000	10.52
*	38 Fluorobenzene	96	7.593	7.601	(1.000)	1171070	10.0000	
	39 Trichloroethene	130	8.234	8.242	(1.084)	444295	10.0000	9.85
	40 1,2-Dichloropropane(*)	63	8.599	8.597	(1.132)	337471	10.0000	10.54
	41 Dibromomethane	93	8.796	8.804	(1.158)	253408	10.0000	10.52
	42 Bromodichloromethane	83	9.122	9.120	(1.201)	688137	10.0000	10.10
	44 2-Chloroethylvinyl ether	106	9.714	9.721	(1.279)	30646	20.0000	17.36
	43 1-Bromo-2-chloroethane	63	9.635	9.642	(1.269)	447276	10.0000	10.46
	45 cis-1,3-Dichloropropene	75	9.941	9.938	(1.309)	450445	10.0000	10.68
	46 4-Methyl-2-pentanone	43	10.246	10.274	(1.349)	435458	50.0000	56.22
$	47 Toluene-d8	98	10.414	10.422	(0.796)	875000	10.0000	10.36
	48 Toluene (*)	91	10.532	10.540	(0.805)	1101028	10.0000	10.35
	49 trans-1,3-Dichloropropene	75	10.976	10.974	(0.839)	318653	10.0000	11.07
	50 1,1,2-Trichloroethane	97	11.292	11.299	(0.863)	210817	10.0000	10.78
	51 Tetrachloroethene	164	11.538	11.546	(0.882)	384121	10.0000	10.38
	52 1,3-Dichloropropane	76	11.588	11.585	(0.886)	320575	10.0000	10.76
	53 2-Hexanone	43	11.814	11.832	(0.903)	294593	50.0000	57.10
	54 Dibromochloromethane	129	11.992	12.000	(0.917)	436715	10.0000	10.52
	55 1,2-Dibromoethane	107	12.169	12.167	(0.931)	298150	10.0000	10.59
*	56 Chlorobenzene-d5	117	13.077	13.084	(1.000)	751201	10.0000	
	57 Chlorobenzene (**)	112	13.136	13.144	(1.005)	780759	10.0000	10.33
	58 1,1,1,2-Tetrachloroethane	131	13.323	13.331	(1.019)	374522	10.0000	10.24
	59 Ethylbenzene (*)	106	13.402	13.420	(1.025)	361324	10.0000	10.44
	60 m,p-Xylenes	106	13.639	13.657	(1.043)	918885	20.0000	20.85
M	61 Xylenes (total)	100				1342765	30.0000	31.38
	62 o-Xylene	106	14.389	14.396	(1.100)	423880	10.0000	10.52

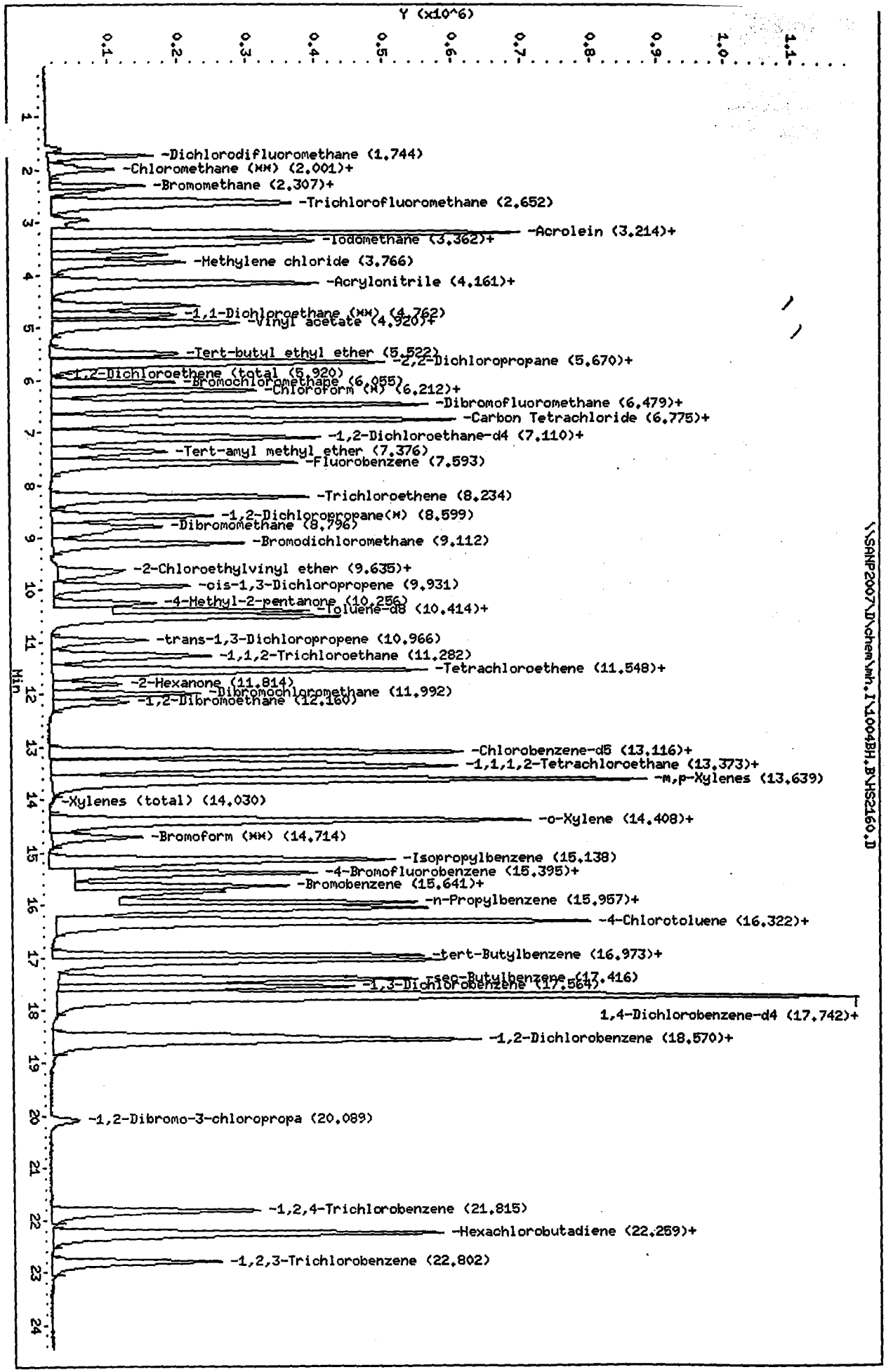
		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	mpounds							
	63 Styrene	104	14.418	14.436	(1.103)	683713	10.0000	10.48
	64 Bromoform (**)	173	14.714	14.722	(1.125)	217004	10.0000	10.22
	65 Isopropylbenzene	105	15.138	15.156	(1.158)	1372755	10.0000	10.22
$	66 4-Bromofluorobenzene	95	15.395	15.402	(1.177)	653101	10.0000	10.62
	67 4-Bromofluorobenzene-2nd	174	15.395	15.412	(1.177)	376109	10.0000	10.36
	68 Bromobenzene	156	15.651	15.649	(0.884)	359522	10.0000	10.14
	69 1,1,2,2-Tetrachloroethane(**)	83	15.740	15.757	(0.889)	263457	10.0000	10.72
	70 1,2,3-Trichloropropane	110	15.779	15.787	(0.891)	56648	10.0000	11.03
	71 n-Propylbenzene	91	15.957	15.984	(0.901)	1669570	10.0000	10.65
	72 2-Chlorotoluene	126	16.065	16.103	(0.908)	311503	10.0000	9.87
	73 4-Chlorotoluene	126	16.292	16.300	(0.920)	341806	10.0000	10.17
	74 1,3,5-Trimethylbenzene	105	16.341	16.359	(0.923)	1138552	10.0000	9.92
	75 tert-Butylbenzene	119	16.973	16.980	(0.959)	1164259	10.0000	10.01
	76 1,2,4-Trimethylbenzene	105	17.071	17.089	(0.964)	1127514	10.0000	9.93
	77 sec-Butylbenzene	105	17.416	17.434	(0.984)	1608620	10.0000	10.10
	78 1,3-Dichlorobenzene	146	17.564	17.582	(0.992)	619094	10.0000	10.03
*	79 1,4-Dichlorobenzene-d4	152	17.703	17.720	(1.000)	405572	10.0000	
	80 p-Isopropyltoluene	119	17.742	17.759	(1.002)	1272054	10.0000	10.03
	81 1,4-Dichlorobenzene	146	17.752	17.769	(1.003)	687380	10.0000	10.40(H)
	82 1,2-Dichlorobenzene	146	18.482	18.499	(1.044)	529160	10.0000	9.95
	83 n-Butylbenzene	91	18.570	18.588	(1.049)	1424531	10.0000	9.96
	84 1,2-Dibromo-3-chloropropane	157	20.089	20.087	(1.135)	44844	10.0000	10.99
	85 1,2,4-Trichlorobenzene	180	21.825	21.823	(1.233)	394466	10.0000	10.04
	86 Hexachlorobutadiene	225	22.259	22.257	(1.257)	378888	10.0000	10.05
	87 Napthalene	128	22.289	22.306	(1.259)	363474	10.0000	10.52
	88 1,2,3-Trichlorobenzene	180	22.802	22.809	(1.288)	301213	10.0000	10.02

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: \\SANP2007\D\chem\mh.I\1004BH.B\HS2160.D
Date : 04-OCT-2000 22:16
Client ID:
Sample Info: 10 PPB 8260B STD,,,3.0,,,8260BHL.M
Purge Volume: 28.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: AD
Column diameter: 0.53



STL Los Angeles Diagnostics Report

Data File : \\SANP2007\D\chem\mh.I\1004BH.B/HS2160.D
Smp Info : 10 PPB 8260B STD,,,3,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB

Inj Date : 04-OCT-2000 22:16
Sub List : 1-8260B.SUB

QUANTITATION MODE : From initial calibration

	Compound Name	Quant Ion	RT	Exp. RT	Diff.	Area	R.F.	On Column Conc.	I.S. Group
1)	Dichlorodifluoromethane	85	1.74	1.74	-0.00	416355	0.35487	8.58	1
2)	Chloromethane (**)	50	1.93	1.95	0.02	165035	0.13770	10.74	1
3)	Vinyl chloride (*)	62	2.00	2.01	0.01	223157	0.19474	9.99	1
4)	Bromomethane	94	2.31	2.30	-0.00	272372	0.23845	9.40	1
5)	Chloroethane	64	2.41	2.39	-0.01	148557	0.11821	9.84	1
6)	Trichlorofluoromethane	101	2.67	2.67	-0.00	736809	0.61686	9.20	1
10)	Acrolein	56	3.08	3.09	0.02	69128	0.01962	105.12	1
8)	1,1-Dichloroethene(*)	96	3.20	3.20	-0.00	330154	0.27664	9.99	1
9)	1,1,2-Trichlorotrifluoroethan	151	3.22	3.22	-0.00	414150	0.34082	10.12	1
7)	Acetone	43	3.25	3.26	0.01	86613	0.03885	46.60	1
11)	Iodomethane	142	3.36	3.37	0.01	1295319	0.60948	19.47	1
12)	Carbon disulfide	76	3.44	3.45	0.01	1098904	0.91009	11.16	1
13)	Methylene chloride	84	3.77	3.77	0.01	303089	0.25023	9.75	1
15)	t-Butanol	59	3.97	4.03	0.06	26597	0.00519	39.52	1
14)	Acrylonitrile	53	4.09	4.11	0.02	147869	0.03073	104.80	1
16)	trans-1,2-Dichloroethene	96	4.16	4.17	0.01	378000	0.30801	9.75	1
17)	Methyl-tert-butyl ether[MTBE]	73	4.19	4.20	0.01	436680	0.34873	9.83	1
18)	1,1-Dichloroethane (**)	63	4.77	4.78	0.01	605107	0.51222	9.72	1
19)	Vinyl acetate	43	4.90	4.91	0.01	801688	0.43750	19.96	1
20)	Isopropyl ether	45	4.94	4.95	0.01	780875	0.65597	10.02	1
21)	Tert-butyl ethyl ether	59	5.52	5.52	-0.00	732615	0.59062	9.99	1
22)	2,2-Dichloropropane	77	5.66	5.67	0.01	597294	0.51027	9.43	1
23)	cis-1,2-Dichloroethene	96	5.68	5.69	0.01	375160	0.30949	9.77	1
24)	2-Butanone	43	5.72	5.73	0.01	142106	0.05948	52.58	1
25)	1,2-Dichloroethene (total)	100	5.92	5.92	0.00	753160	0.39594	19.52	1
27)	Bromochloromethane	128	6.05	6.06	0.01	181736	0.14207	9.96	1
26)	Tetrahydrofuran	42	6.14	6.17	0.03	20168	0.01427	13.25	1
28)	Chloroform (*)	83	6.22	6.23	0.01	806493	0.68611	9.86	1
29) $	Dibromofluoromethane	111	6.48	6.49	0.01	642198	0.49374	9.90	1
30)	1,1,1-Trichloroethane	97	6.50	6.50	-0.00	700617	0.58298	9.72	1
31)	Carbon Tetrachloride	117	6.77	6.78	0.01	637856	0.51754	10.17	1
32)	1,1-Dichloropropene	75	6.77	6.78	0.01	569882	0.47848	10.01	1
33) $	1,2-Dichloroethane-d4	65	7.00	7.01	0.01	285030	0.23109	10.01	1
34)	1,2-Dichloroethane-d4 2nd	102	7.02	7.02	-0.00	55313	0.04210	10.87	1
35)	Benzene	78	7.10	7.11	0.01	905331	0.71809	10.10	1
36)	1,2-Dichloroethane	62	7.14	7.14	-0.00	337200	0.27494	10.30	1
37)	Tert-amyl methyl ether	73	7.38	7.37	-0.00	558588	0.43642	10.52	1
38) *	Fluorobenzene	96	7.59	7.60	0.01	1171070	1.00000	10.00	1
39)	Trichloroethene	130	8.23	8.24	0.01	444295	0.36519	9.85	1
40)	1,2-Dichloropropane(*)	63	8.60	8.60	-0.00	337471	0.28065	10.54	1
41)	Dibromomethane	93	8.80	8.80	0.01	253408	0.19853	10.52	1
42)	Bromodichloromethane	83	9.12	9.12	-0.00	688137	0.55470	10.11	1
43)	1-Bromo-2-chloroethane	63	9.63	9.64	0.01	447276	0.35544	10.46	1
44)	2-Chloroethylvinyl ether	106	9.71	9.72	0.01	30646	0.01340	17.36	1
45)	cis-1,3-Dichloropropene	75	9.94	9.94	-0.00	450445	0.36624	10.68	1

STL Los Angeles Diagnostics Report

Data File : \\SANP2007\D\chem\mh.I\1004BH.B/HS2160.D
Smp Info : 10 PPB 8260B STD,,,3,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB

Inj Date : 04-OCT-2000 22:16
Sub List : 1-8260B.SUB

QUANTITATION MODE : From initial calibration

	Compound Name	Quant Ion	RT	Exp. RT	Diff.	Area	R.F.	On Column Conc.	I.S. Group
46)	4-Methyl-2-pentanone	43	10.25	10.27	0.03	435458	0.14812	56.22	1
47) $	Toluene-d8	98	10.41	10.42	0.01	875000	1.05663	10.36	2
48)	Toluene (*)	91	10.53	10.54	0.01	1101028	1.42958	10.35	2
49)	trans-1,3-Dichloropropene	75	10.98	10.97	-0.00	318653	0.38543	11.07	2
50)	1,1,2-Trichloroethane	97	11.29	11.30	0.01	210817	0.25683	10.78	2
51)	Tetrachloroethene	164	11.54	11.55	0.01	384121	0.47720	10.38	2
52)	1,3-Dichloropropane	76	11.59	11.59	-0.00	320575	0.39652	10.76	2
53)	2-Hexanone	43	11.81	11.83	0.02	294593	0.16193	57.10	2
54)	Dibromochloromethane	129	11.99	12.00	0.01	436715	0.52454	10.53	2
55)	1,2-Dibromoethane	107	12.17	12.17	-0.00	298150	0.36120	10.59	2
56) *	Chlorobenzene-d5	117	13.08	13.08	0.01	751201	1.00000	10.00	2
57)	Chlorobenzene (**)	112	13.14	13.14	0.01	780759	1.00392	10.33	2
58)	1,1,1,2-Tetrachloroethane	131	13.32	13.33	0.01	374522	0.46361	10.24	2
59)	Ethylbenzene (*)	106	13.40	13.42	0.02	361324	0.45493	10.44	2
60)	m,p-Xylenes	106	13.64	13.66	0.02	918885	0.76532	20.85	2
61)	Xylenes (total)	100	14.03	14.03	0.00	1342765	0.90756	31.38	2
62)	o-Xylene	106	14.39	14.40	0.01	423880	0.53408	10.52	2
63)	Styrene	104	14.42	14.44	0.02	683713	0.85309	10.48	2
64)	Bromoform (**)	173	14.71	14.72	0.01	217004	0.25763	10.22	2
65)	Isopropylbenzene	105	15.14	15.16	0.02	1372755	1.77877	10.22	2
67)	4-Bromofluorobenzene-2nd	174	15.39	15.41	0.02	376109	0.42787	10.36	2
66) $	4-Bromofluorobenzene	95	15.39	15.40	0.01	653101	0.76216	10.62	2
68)	Bromobenzene	156	15.65	15.65	-0.00	359522	0.86261	10.14	3
69)	1,1,2,2-Tetrachloroethane(**)	83	15.74	15.76	0.02	263457	0.63401	10.72	3
70)	1,2,3-Trichloropropane	110	15.78	15.79	0.01	56648	0.12896	11.03	3
71)	n-Propylbenzene	91	15.96	15.98	0.03	1669570	4.08051	10.65	3
72)	2-Chlorotoluene	126	16.07	16.10	0.04	311503	0.78842	9.87	3
73)	4-Chlorotoluene	126	16.29	16.30	0.01	341806	0.82360	10.17	3
74)	1,3,5-Trimethylbenzene	105	16.34	16.36	0.02	1138552	2.91483	9.92	3
75)	tert-Butylbenzene	119	16.97	16.98	0.01	1164259	2.95016	10.01	3
76)	1,2,4-Trimethylbenzene	105	17.07	17.09	0.02	1127514	2.88429	9.93	3
77)	sec-Butylbenzene	105	17.42	17.43	0.02	1608620	4.10288	10.10	3
78)	1,3-Dichlorobenzene	146	17.56	17.58	0.02	619094	1.54167	10.03	3
79) *	1,4-Dichlorobenzene-d4	152	17.70	17.72	0.02	405572	1.00000	10.00	3
80)	p-Isopropyltoluene	119	17.74	17.76	0.02	1272054	3.20505	10.03	3
81)	1,4-Dichlorobenzene	146	17.75	17.77	0.02	687380	1.66979	10.40	3
82)	1,2-Dichlorobenzene	146	18.48	18.50	0.02	529160	1.34206	9.95	3
83)	n-Butylbenzene	91	18.57	18.59	0.02	1424531	3.67970	9.96	3
84)	1,2-Dibromo-3-chloropropane	157	20.09	20.09	-0.00	44844	0.10820	10.99	3
85)	1,2,4-Trichlorobenzene	180	21.83	21.82	-0.00	394466	1.02089	10.04	3
86)	Hexachlorobutadiene	225	22.26	22.26	-0.00	378888	1.00510	10.05	3
87)	Napthalene	128	22.29	22.31	0.02	363474	1.01482	10.52	3
88)	1,2,3-Trichlorobenzene	180	22.80	22.81	0.01	301213	0.82558	10.02	3

* - Compound is an internal standard
$ - Compound is a surrogate

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\CHEM\MH.I\1004BH.B\HS2161.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 04-OCT-2000 22:46
Operator : AD Inst ID: mh.i
Smp Info : 50 PPB 8260B STD,,,4,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Meth Date : 04-Oct-2000 23:11 donga Quant Type: ISTD
Cal Date : 02-OCT-2000 17:42 Cal File: HS2151.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.752	1.744	(0.231)	2223983	50.0000	28.53
2 Chloromethane (**)	50	1.940	1.932	(0.256)	865919	50.0000	54.29
3 Vinyl chloride (*)	62	2.009	2.001	(0.265)	1217527	50.0000	50.52
4 Bromomethane	94	2.305	2.307	(0.304)	1299166	50.0000	35.23
5 Chloroethane	64	2.403	2.405	(0.317)	764522	50.0000	42.51
6 Trichlorofluoromethane	101	2.670	2.672	(0.352)	3869694	50.0000	31.83
10 Acrolein	56	3.074	3.076	(0.405)	350844	500.000	564.5(A)
8 1,1-Dichloroethene(*)	96	3.212	3.204	(0.423)	1707223	50.0000	41.66
9 1,1,2-Trichlorotrifluoroethan	151	3.212	3.224	(0.423)	2080966	50.0000	37.14
11 Iodomethane	142	3.370	3.362	(0.444)	6627356	100.000	67.25
7 Acetone	43	3.261	3.253	(0.430)	413609	250.000	243.4
12 Carbon disulfide	76	3.449	3.441	(0.454)	6064415	50.0000	59.68
13 Methylene chloride	84	3.784	3.766	(0.498)	1662361	50.0000	45.28
14 Acrylonitrile	53	4.100	4.092	(0.540)	818303	500.000	580.8(AQ)
15 t-Butanol	59	4.001	3.974	(0.527)	144004	200.000	208.4(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	19 Vinyl acetate	43	4.908	4.901	(0.647)	4411479	100.000	104.4(A)
	16 trans-1,2-Dichloroethene	96	4.169	4.161	(0.549)	2014320	50.0000	42.19
	17 Methyl-tert-butyl ether[MTBE]	73	4.198	4.191	(0.553)	2335114	50.0000	41.97
	18 1,1-Dichloroethane (**)	63	4.780	4.772	(0.630)	3305692	50.0000	46.32
	20 Isopropyl ether	45	4.938	4.940	(0.650)	4198602	50.0000	52.98
	21 Tert-butyl ethyl ether	59	5.510	5.522	(0.726)	3966811	50.0000	47.95
M	25 1,2-Dichloroethene (total)	100				4034549	100.000	84.42
	22 2,2-Dichloropropane	77	5.668	5.660	(0.747)	3181814	50.0000	37.32
	23 cis-1,2-Dichloroethene	96	5.688	5.680	(0.749)	2020229	50.0000	42.22
	24 2-Butanone	43	5.727	5.719	(0.754)	727141	250.000	264.4
	27 Bromochloromethane	128	6.062	6.055	(0.799)	965142	50.0000	39.75
	28 Chloroform (*)	83	6.220	6.222	(0.819)	4335975	50.0000	41.51
	26 Tetrahydrofuran	42	6.161	6.143	(0.812)	101200	50.0000	81.54(Q)
$	29 Dibromofluoromethane	111	6.486	6.479	(0.854)	3106502	50.0000	35.10
	30 1,1,1-Trichloroethane	97	6.486	6.498	(0.854)	3691534	50.0000	36.20
	31 Carbon Tetrachloride	117	6.772	6.774	(0.892)	3357162	50.0000	38.28
	32 1,1-Dichloropropene	75	6.772	6.774	(0.892)	3020100	50.0000	45.20
$	33 1,2-Dichloroethane-d4	65	7.009	7.001	(0.923)	1449259	50.0000	37.88
	34 1,2-Dichloroethane-d4 2nd	102	7.009	7.021	(0.923)	280528	50.0000	44.55(Q)
	35 Benzene	78	7.118	7.100	(0.938)	4950873	50.0000	52.46
	36 1,2-Dichloroethane	62	7.137	7.139	(0.940)	1817007	50.0000	43.94
	37 Tert-amyl methyl ether	73	7.374	7.376	(0.971)	2927832	50.0000	48.25
*	38 Fluorobenzene	96	7.591	7.593	(1.000)	1332710	10.0000	
	39 Trichloroethene	130	8.242	8.234	(1.086)	2366930	50.0000	40.04
	40 1,2-Dichloropropane(*)	63	8.597	8.599	(1.133)	1827868	50.0000	57.22
	41 Dibromomethane	93	8.804	8.796	(1.160)	1360249	50.0000	46.80
	42 Bromodichloromethane	83	9.120	9.122	(1.201)	3651564	50.0000	43.45
	44 2-Chloroethylvinyl ether	106	9.721	9.714	(1.281)	221938	100.000	123.4(AQ)
	43 1-Bromo-2-chloroethane	63	9.633	9.635	(1.269)	2560954	50.0000	58.76
	45 cis-1,3-Dichloropropene	75	9.938	9.941	(1.309)	2504498	50.0000	54.26
	46 4-Methyl-2-pentanone	43	10.264	10.246	(1.352)	2312009	250.000	322.2
$	47 Toluene-d8	98	10.412	10.414	(0.796)	4475887	50.0000	47.86
	48 Toluene (*)	91	10.530	10.532	(0.805)	6022611	50.0000	53.62
	49 trans-1,3-Dichloropropene	75	10.974	10.976	(0.839)	1788861	50.0000	58.93
	50 1,1,2-Trichloroethane	97	11.290	11.292	(0.863)	1118488	50.0000	52.59
	51 Tetrachloroethene	164	11.546	11.538	(0.882)	1938375	50.0000	41.33
	52 1,3-Dichloropropane	76	11.585	11.588	(0.885)	1706446	50.0000	57.31
	53 2-Hexanone	43	11.822	11.814	(0.904)	1486333	250.000	358.4
	54 Dibromochloromethane	129	11.990	11.992	(0.916)	2292761	50.0000	45.80
	55 1,2-Dibromoethane	107	12.158	12.169	(0.929)	1615942	50.0000	50.55
*	56 Chlorobenzene-d5	117	13.085	13.077	(1.000)	828752	10.0000	
	57 Chlorobenzene (**)	112	13.134	13.136	(1.004)	4260647	50.0000	51.40
	58 1,1,1,2-Tetrachloroethane	131	13.321	13.323	(1.018)	1955445	50.0000	42.96(Q)
	59 Ethylbenzene (*)	106	13.400	13.402	(1.024)	1865336	50.0000	49.36
	60 m,p-Xylenes	106	13.637	13.639	(1.042)	4773396	100.000	98.17
M	61 Xylenes (total)	100				6980011	150.000	147.8
	62 o-Xylene	106	14.387	14.389	(1.099)	2206614	50.0000	49.66

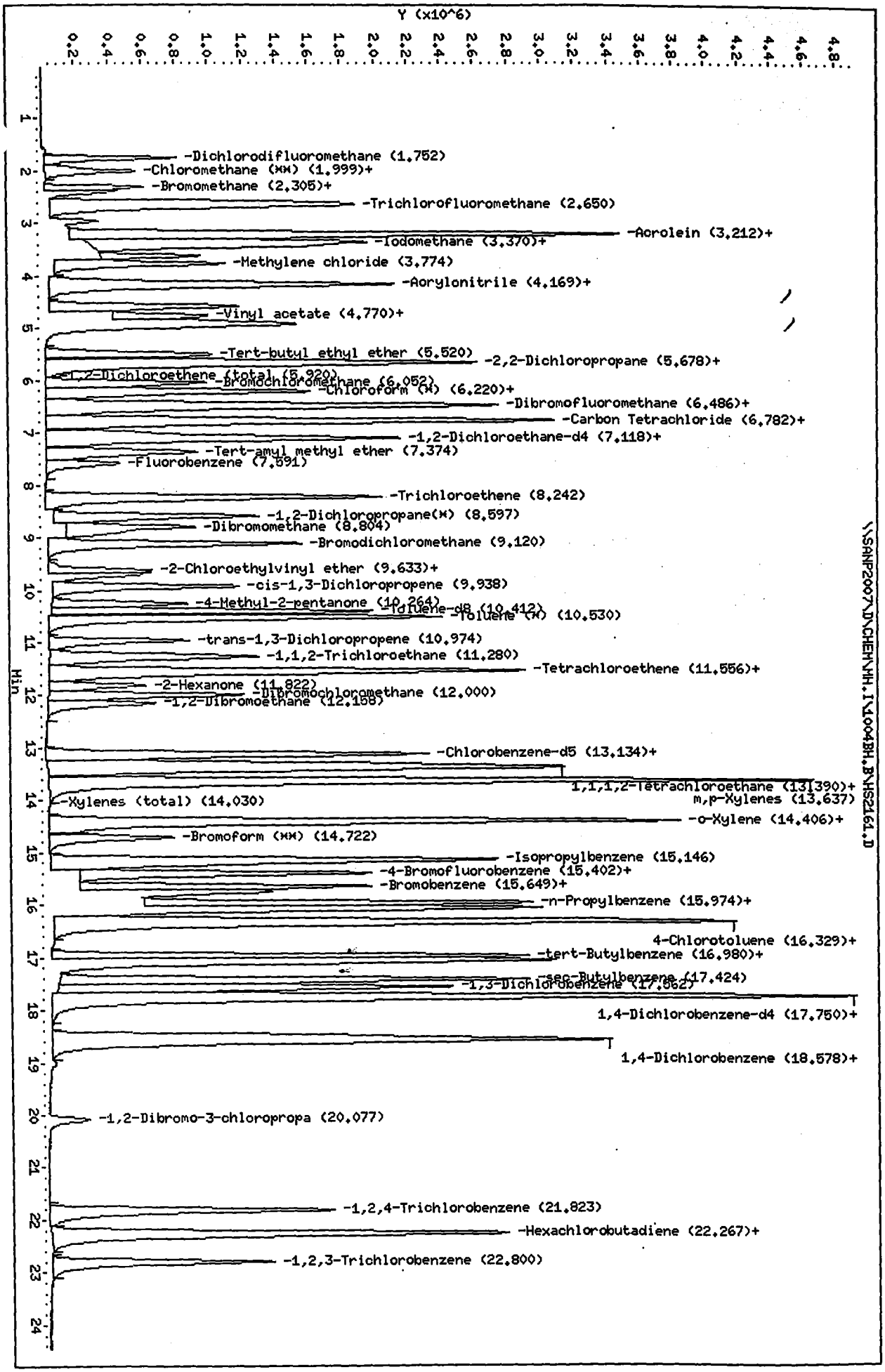
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.426	14.418	(1.103)	3634393	50.0000	50.79
64 Bromoform (**)	173	14.722	14.714	(1.125)	1212122	50.0000	44.05
65 Isopropylbenzene	105	15.156	15.138	(1.158)	7318801	50.0000	47.55
$ 66 4-Bromofluorobenzene	95	15.402	15.395	(1.177)	3228492	50.0000	48.56
67 4-Bromofluorobenzene-2nd	174	15.402	15.395	(1.177)	1805733	50.0000	38.72
68 Bromobenzene	156	15.649	15.651	(0.884)	1900719	50.0000	51.02
69 1,1,2,2-Tetrachloroethane(**)	83	15.757	15.740	(0.890)	1418264	50.0000	65.52
70 1,2,3-Trichloropropane	110	15.777	15.779	(0.891)	300136	50.0000	54.65(Q)
71 n-Propylbenzene	91	15.974	15.957	(0.902)	9073250	50.0000	64.15
72 2-Chlorotoluene	126	16.083	16.065	(0.908)	1629299	50.0000	51.20(Q)
73 4-Chlorotoluene	126	16.300	16.292	(0.920)	1724355	50.0000	53.86
74 1,3,5-Trimethylbenzene	105	16.349	16.341	(0.923)	5894816	50.0000	52.71
75 tert-Butylbenzene	119	16.980	16.973	(0.959)	6095683	50.0000	52.57
76 1,2,4-Trimethylbenzene	105	17.079	17.071	(0.964)	5920901	50.0000	53.45
77 sec-Butylbenzene	105	17.424	17.416	(0.984)	8376985	50.0000	55.44
78 1,3-Dichlorobenzene	146	17.582	17.564	(0.993)	3308578	50.0000	51.92
* 79 1,4-Dichlorobenzene-d4	152	17.710	17.703	(1.000)	422797	10.0000	(Q)
80 p-Isopropyltoluene	119	17.750	17.742	(1.002)	6474418	50.0000	51.10
81 1,4-Dichlorobenzene	146	18.489	18.196	(1.044)	2763573	50.0000	41.32(Q)
82 1,2-Dichlorobenzene	146	18.489	18.482	(1.044)	2798318	50.0000	51.06
83 n-Butylbenzene	91	18.578	18.570	(1.049)	7850623	50.0000	58.49
84 1,2-Dibromo-3-chloropropane	157	20.077	20.089	(1.134)	253615	50.0000	53.06(Q)
85 1,2,4-Trichlorobenzene	180	21.823	21.825	(1.232)	2099775	50.0000	48.82
86 Hexachlorobutadiene	225	22.257	22.259	(1.257)	1837697	50.0000	43.39
87 Napthalene	128	22.297	22.289	(1.259)	1911376	50.0000	53.89
88 1,2,3-Trichlorobenzene	180	22.809	22.802	(1.288)	1596355	50.0000	49.21

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2007\D\CHEM\MH.I\1004BH.B\HS2161.D
Date : 04-OCT-2000 22:46
Client ID:
Sample Info: 50 PPB 8260B STD,,4.0,,,8260BHL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\CHEM\MH.I\1004BH.B\HS2162.D
Lab Smp Id: 100 PPB 8260B STD
Inj Date : 04-OCT-2000 23:17
Operator : AD Inst ID: mh.i
Smp Info : 100 PPB 8260B STD,,,5,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1004BH.B\8260BHL.m
Meth Date : 04-Oct-2000 23:41 donga Quant Type: ISTD
Cal Date : 02-OCT-2000 17:42 Cal File: HS2151.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.742	1.744	(0.229)	4391854	100.000	54.87
2 Chloromethane (**)	50	1.949	1.932	(0.256)	1727875	100.000	105.5(A)
3 Vinyl chloride (*)	62	2.009	2.001	(0.264)	2412007	100.000	97.46
4 Bromomethane	94	2.304	2.307	(0.303)	2256352	100.000	59.59
5 Chloroethane	64	2.393	2.405	(0.315)	1312746	100.000	71.08
6 Trichlorofluoromethane	101	2.669	2.672	(0.351)	7247604	100.000	58.05
10 Acrolein	56	3.093	3.076	(0.407)	679078	1000.00	1064(A)
8 1,1-Dichloroethene(*)	96	3.202	3.204	(0.421)	3194851	100.000	75.92
9 1,1,2-Trichlorotrifluoroethan	151	3.222	3.224	(0.424)	3733650	100.000	64.90
11 Iodomethane	142	3.370	3.362	(0.443)	11859455	200.000	117.2(A)
7 Acetone	43	3.261	3.253	(0.429)	794909	500.000	455.5
12 Carbon disulfide	76	3.449	3.441	(0.454)	12015911	100.000	115.1(A)
13 Methylene chloride	84	3.774	3.766	(0.497)	3274463	100.000	86.84
14 Acrylonitrile	53	4.109	4.092	(0.541)	1610214	1000.00	1113(AQ)
15 t-Butanol	59	4.030	3.974	(0.530)	270894	400.000	381.7(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	19 Vinyl acetate	43	4.908	4.901	(0.646)	8687179	200.000	200.3(A)
	16 trans-1,2-Dichloroethene	96	4.168	4.161	(0.548)	3955473	100.000	80.68
	17 Methyl-tert-butyl ether[MTBE]	73	4.198	4.191	(0.552)	4402154	100.000	77.05
	18 1,1-Dichloroethane (**)	63	4.780	4.772	(0.629)	6692618	100.000	91.31
	20 Isopropyl ether	45	4.948	4.940	(0.651)	8322457	100.000	102.3(A)
	21 Tert-butyl ethyl ether	59	5.520	5.522	(0.726)	7699216	100.000	90.63
M	25 1,2-Dichloroethene (total)	100				7809686	200.000	159.1
	22 2,2-Dichloropropane	77	5.668	5.660	(0.746)	6104826	100.000	69.73
	23 cis-1,2-Dichloroethene	96	5.687	5.680	(0.748)	3854213	100.000	78.44
	24 2-Butanone	43	5.727	5.719	(0.753)	1395533	500.000	494.0
	27 Bromochloromethane	128	6.062	6.055	(0.798)	1844614	100.000	73.98
	28 Chloroform (*)	83	6.230	6.222	(0.820)	8521586	100.000	79.45
	26 Tetrahydrofuran	42	6.171	6.143	(0.812)	179881	100.000	141.1(AQ)
$	29 Dibromofluoromethane	111	6.486	6.479	(0.853)	5773524	100.000	63.52
	30 1,1,1-Trichloroethane	97	6.496	6.498	(0.855)	6931989	100.000	66.19
	31 Carbon Tetrachloride	117	6.782	6.774	(0.892)	6237576	100.000	69.25
	32 1,1-Dichloropropene	75	6.782	6.774	(0.892)	5824943	100.000	84.89
$	33 1,2-Dichloroethane-d4	65	7.009	7.001	(0.922)	2862617	100.000	72.86
	34 1,2-Dichloroethane-d4 2nd	102	7.019	7.021	(0.923)	548490	100.000	84.82(Q)
	35 Benzene	78	7.108	7.100	(0.935)	9740265	100.000	100.5(A)
	36 1,2-Dichloroethane	62	7.137	7.139	(0.939)	3480387	100.000	81.96
	37 Tert-amyl methyl ether	73	7.117	7.376	(0.936)	160731	100.000	2.58(Q)
*	38 Fluorobenzene	96	7.601	7.593	(1.000)	1368624	10.0000	
	39 Trichloroethene	130	8.242	8.234	(1.084)	4535189	100.000	74.71
	40 1,2-Dichloropropane(*)	63	8.597	8.599	(1.131)	3625650	100.000	110.5(A)
	41 Dibromomethane	93	8.804	8.796	(1.158)	2538119	100.000	85.04
	42 Bromodichloromethane	83	9.120	9.122	(1.200)	7261932	100.000	84.14
	44 2-Chloroethylvinyl ether	106	9.721	9.714	(1.279)	437080	200.000	236.8(AQ)
	43 1-Bromo-2-chloroethane	63	9.642	9.635	(1.269)	4979218	100.000	111.2(A)
	45 cis-1,3-Dichloropropene	75	9.938	9.941	(1.308)	4948566	100.000	104.4(A)
	46 4-Methyl-2-pentanone	43	10.274	10.246	(1.352)	4383667	500.000	594.9(A)
$	47 Toluene-d8	98	10.422	10.414	(0.796)	8768872	100.000	93.47
	48 Toluene (*)	91	10.540	10.532	(0.806)	11801853	100.000	104.8(A)
	49 trans-1,3-Dichloropropene	75	10.974	10.976	(0.839)	3524308	100.000	115.7(A)
	50 1,1,2-Trichloroethane	97	11.299	11.292	(0.864)	2214463	100.000	103.8(A)
	51 Tetrachloroethene	164	11.546	11.538	(0.882)	3545305	100.000	75.37
	52 1,3-Dichloropropane	76	11.585	11.588	(0.885)	3232301	100.000	108.2(A)
	53 2-Hexanone	43	11.832	11.814	(0.904)	2800736	500.000	673.4(A)
	54 Dibromochloromethane	129	12.000	11.992	(0.917)	4354203	100.000	86.71
	55 1,2-Dibromoethane	107	12.167	12.169	(0.930)	3148500	100.000	98.19
*	56 Chlorobenzene-d5	117	13.084	13.077	(1.000)	831259	10.0000	
	57 Chlorobenzene (**)	112	13.144	13.136	(1.005)	8157700	100.000	98.13
	58 1,1,1,2-Tetrachloroethane	131	13.331	13.323	(1.019)	3629202	100.000	79.49(Q)
	59 Ethylbenzene (*)	106	13.420	13.402	(1.026)	3598170	100.000	94.93
	60 m,p-Xylenes	106	13.657	13.639	(1.044)	8795324	200.000	180.3
M	61 Xylenes (total)	100				12975732	300.000	274.1
	62 o-Xylene	106	14.396	14.389	(1.100)	4180407	100.000	93.79

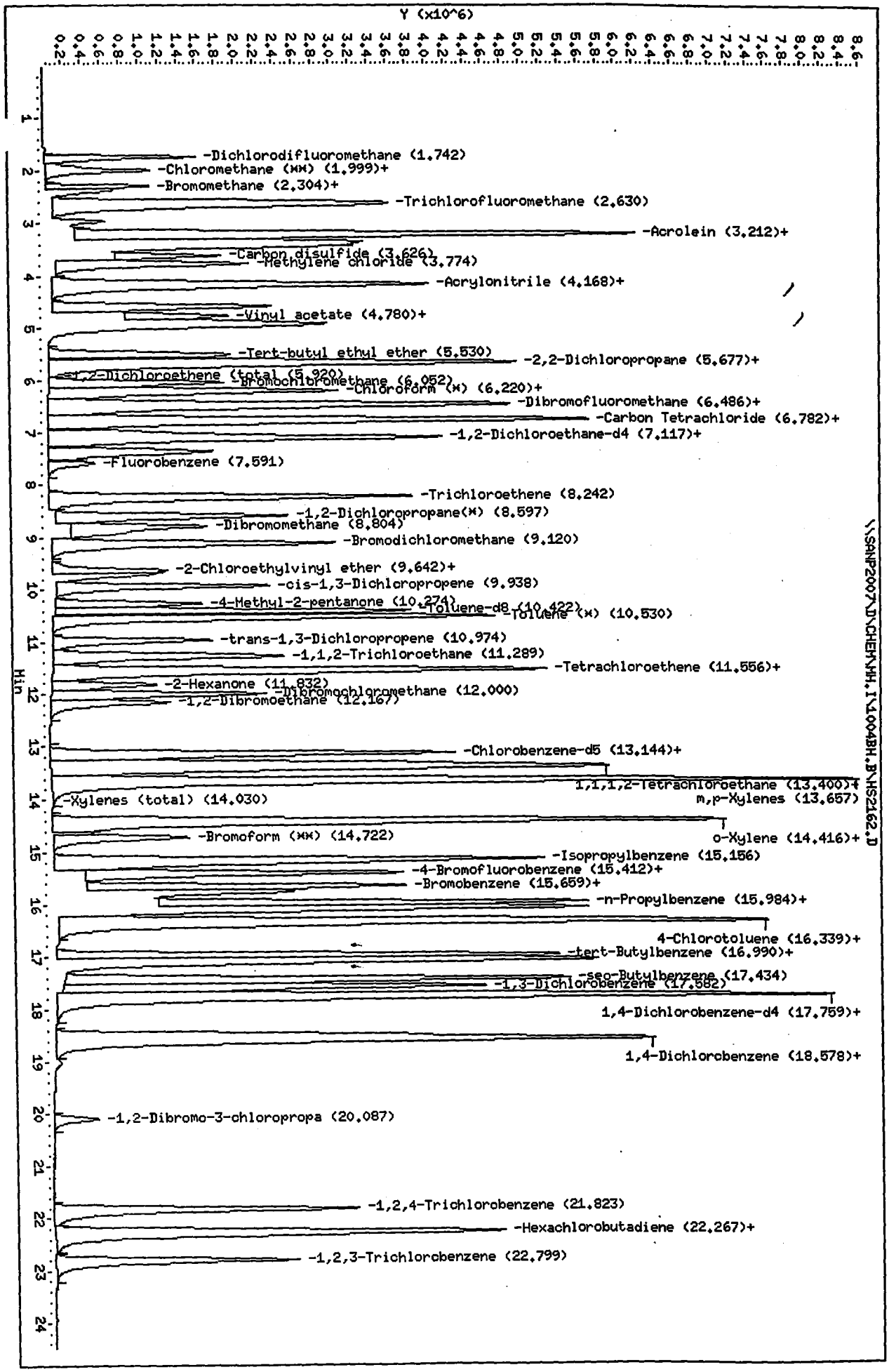
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.436	14.418	(1.103)	6834875	100.000	95.22
64 Bromoform (**)	173	14.722	14.714	(1.125)	2260528	100.000	81.90
65 Isopropylbenzene	105	15.156	15.138	(1.158)	14076520	100.000	91.18
$ 66 4-Bromofluorobenzene	95	15.402	15.395	(1.177)	6231915	100.000	93.45
67 4-Bromofluorobenzene-2nd	174	15.412	15.395	(1.178)	3363378	100.000	71.91
68 Bromobenzene	156	15.649	15.651	(0.883)	3551426	100.000	104.9(A)
69 1,1,2,2-Tetrachloroethane(**)	83	15.757	15.740	(0.889)	2692519	100.000	136.8(A)
70 1,2,3-Trichloropropane	110	15.787	15.779	(0.891)	557199	100.000	111.6(AQ)
71 n-Propylbenzene	91	15.984	15.957	(0.902)	17730489	100.000	137.9(A)
72 2-Chlorotoluene	126	16.103	16.065	(0.909)	3059361	100.000	105.7(AQ)
73 4-Chlorotoluene	126	16.300	16.292	(0.920)	3152099	100.000	108.3(A)
74 1,3,5-Trimethylbenzene	105	16.359	16.341	(0.923)	10923261	100.000	107.4(A)
75 tert-Butylbenzene	119	16.980	16.973	(0.958)	11308021	100.000	107.3(A)
76 1,2,4-Trimethylbenzene	105	17.089	17.071	(0.964)	11114357	100.000	110.4(A)
77 sec-Butylbenzene	105	17.434	17.416	(0.984)	15987847	100.000	116.4(A)
78 1,3-Dichlorobenzene	146	17.582	17.564	(0.992)	6145013	100.000	106.1(A)
* 79 1,4-Dichlorobenzene-d4	152	17.720	17.703	(1.000)	384338	10.0000	(Q)
80 p-Isopropyltoluene	119	17.759	17.742	(1.002)	11472078	100.000	99.60
81 1,4-Dichlorobenzene	146	18.499	18.196	(1.044)	5049377	100.000	83.05(Q)
82 1,2-Dichlorobenzene	146	18.499	18.482	(1.044)	5126268	100.000	102.9(A)
83 n-Butylbenzene	91	18.588	18.570	(1.049)	15084145	100.000	123.6(A)
84 1,2-Dibromo-3-chloropropane	157	20.087	20.089	(1.134)	491444	100.000	113.1(AQ)
85 1,2,4-Trichlorobenzene	180	21.823	21.825	(1.232)	3879124	100.000	99.22
86 Hexachlorobutadiene	225	22.257	22.259	(1.256)	3207134	100.000	83.30
87 Napthalene	128	22.306	22.289	(1.259)	3271282	100.000	101.5(A)
88 1,2,3-Trichlorobenzene	180	22.809	22.802	(1.287)	2968276	100.000	100.6(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2007\D\CHEM\MH.I\1004BH.B\HS2162.D
Date : 04-OCT-2000 23:17
Client ID:
Sample Info: 100 PPB 8260B STD,,5,0,,8260BHL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1004BH.B\HS2163.D
Lab Smp Id: 2.5 PPB 8260B STD
Inj Date : 04-OCT-2000 23:47
Operator : AD Inst ID: mh.i
Smp Info : 2.5 PPB 8260B STD,,,7,0,,,8260BHL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2007\D\chem\mh.I\1004BH.B\8260BHL.m
Meth Date : 06-Oct-2000 15:27 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.756	1.742	(0.231)	133977	2.50000	2.94
2 Chloromethane (**)	50	1.924	1.949	(0.253)	52663	2.50000	2.96
3 Vinyl chloride (*)	62	2.003	2.009	(0.264)	70349	2.50000	2.82
4 Bromomethane	94	2.328	2.304	(0.307)	112477	2.50000	3.89
5 Chloroethane	64	2.407	2.393	(0.317)	47221	2.50000	3.00
6 Trichlorofluoromethane	101	2.674	2.669	(0.352)	233220	2.50000	2.94
10 Acrolein	56	3.078	3.093	(0.405)	22100	2.50000	28.57
8 1,1-Dichloroethene(*)	96	3.216	3.202	(0.423)	104228	2.50000	2.94
9 1,1,2-Trichlorotrifluoroethan	151	3.216	3.222	(0.423)	130021	2.50000	2.99
11 Iodomethane	142	3.364	3.370	(0.443)	317612	2.50000	4.83(a)
7 Acetone	43	3.265	3.261	(0.430)	29178	2.50000	14.48
12 Carbon disulfide	76	3.453	3.449	(0.455)	331839	2.50000	2.82
13 Methylene chloride	84	3.778	3.774	(0.497)	88571	2.50000	2.70
14 Acrylonitrile	53	4.114	4.109	(0.542)	40027	2.50000	26.12
15 t-Butanol	59	3.985	4.030	(0.525)	5567	10.0000	8.22(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	19 Vinyl acetate	43	4.912	4.908	(0.647)	235682	2.50000	5.42(a)
	16 trans-1,2-Dichloroethene	96	4.173	4.168	(0.549)	112619	2.50000	2.78
	17 Methyl-tert-butyl ether(MTBE)	73	4.192	4.198	(0.552)	120436	2.50000	2.59
	18 1,1-Dichloroethane (**)	63	4.764	4.780	(0.627)	182658	2.50000	2.73
	20 Isopropyl ether	45	4.952	4.948	(0.652)	226880	2.50000	2.64
	21 Tert-butyl ethyl ether	59	5.524	5.520	(0.727)	206532	2.50000	2.62
M	25 1,2-Dichloroethene (total)	100				225123	2.50000	5.56
	22 2,2-Dichloropropane	77	5.682	5.668	(0.748)	190375	2.50000	2.91
	23 cis-1,2-Dichloroethene	96	5.691	5.687	(0.749)	112503	2.50000	2.78
	24 2-Butanone	43	5.731	5.727	(0.755)	35478	2.50000	11.92
	27 Bromochloromethane	128	6.056	6.062	(0.797)	51126	2.50000	2.67
	28 Chloroform (*)	83	6.214	6.230	(0.818)	243798	2.50000	2.76
	26 Tetrahydrofuran	42	6.185	6.171	(0.814)	5493	2.50000	2.53
$	29 Dibromofluoromethane	111	6.471	6.486	(0.852)	195554	2.50000	2.92
	30 1,1,1-Trichloroethane	97	6.490	6.496	(0.855)	213612	2.50000	2.83
	31 Carbon Tetrachloride	117	6.786	6.782	(0.894)	190475	2.50000	2.92
	32 1,1-Dichloropropene	75	6.776	6.782	(0.892)	179283	2.50000	2.90
$	33 1,2-Dichloroethane-d4	65	6.993	7.009	(0.921)	83835	2.50000	2.84
	34 1,2-Dichloroethane-d4 2nd	102	7.003	7.019	(0.922)	15148	2.50000	2.82
	35 Benzene	78	7.112	7.108	(0.936)	283219	2.50000	2.84
	36 1,2-Dichloroethane	62	7.141	7.137	(0.940)	99560	2.50000	2.85
	37 Tert-amyl methyl ether	73	7.378	7.374	(0.971)	153607	2.50000	2.65
*	38 Fluorobenzene	96	7.595	7.601	(1.000)	1304172	10.0000	
	39 Trichloroethene	130	8.236	8.242	(1.084)	138541	2.50000	2.91
	40 1,2-Dichloropropane(*)	63	8.591	8.597	(1.131)	101410	2.50000	2.76
	41 Dibromomethane	93	8.798	8.804	(1.158)	72415	2.50000	2.75
	42 Bromodichloromethane	83	9.114	9.120	(1.200)	202121	2.50000	2.74
	44 2-Chloroethylvinyl ether	106	9.706	9.721	(1.278)	2964	2.50000	1.70(a)
	43 1-Bromo-2-chloroethane	63	9.637	9.642	(1.269)	122675	2.50000	2.55
	45 cis-1,3-Dichloropropene	75	9.942	9.938	(1.309)	132132	2.50000	2.81
	46 4-Methyl-2-pentanone	43	10.248	10.274	(1.349)	113939	2.50000	12.52
$	47 Toluene-d8	98	10.406	10.422	(0.795)	264518	2.50000	2.82
	48 Toluene (*)	91	10.524	10.540	(0.804)	338307	2.50000	2.80
	49 trans-1,3-Dichloropropene	75	10.978	10.974	(0.839)	91079	2.50000	2.77
	50 1,1,2-Trichloroethane	97	11.294	11.299	(0.863)	60573	2.50000	2.70
	51 Tetrachloroethene	164	11.550	11.546	(0.882)	120125	2.50000	3.00
	52 1,3-Dichloropropane	76	11.580	11.585	(0.885)	94667	2.50000	2.76
	53 2-Hexanone	43	11.826	11.832	(0.904)	88998	2.50000	14.15
	54 Dibromochloromethane	129	11.994	12.000	(0.916)	124035	2.50000	2.72
	55 1,2-Dibromoethane	107	12.162	12.167	(0.929)	83830	2.50000	2.65
*	56 Chlorobenzene-d5	117	13.089	13.084	(1.000)	844217	10.0000	
	57 Chlorobenzene (**)	112	13.148	13.144	(1.005)	243498	2.50000	2.86
	58 1,1,1,2-Tetrachloroethane	131	13.325	13.331	(1.018)	111282	2.50000	2.81
	59 Ethylbenzene (*)	106	13.394	13.420	(1.023)	111851	2.50000	2.90
	60 m,p-Xylenes	106	13.631	13.657	(1.041)	293513	2.50000	5.99
M	61 Xylenes (total)	100				425866	2.50000	8.93
	62 o-Xylene	106	14.391	14.396	(1.099)	132352	2.50000	2.94

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.420	14.436	(1.102)	205475	2.50000	2.84
64 Bromoform (**)	173	14.716	14.722	(1.124)	60038	2.50000	2.62
65 Isopropylbenzene	105	15.150	15.156	(1.157)	440429	2.50000	2.96
$ 66 4-Bromofluorobenzene	95	15.397	15.402	(1.176)	198379	2.50000	2.91
67 4-Bromofluorobenzene-2nd	174	15.406	15.412	(1.177)	112158	2.50000	2.93
68 Bromobenzene	156	15.653	15.649	(0.884)	110538	2.50000	2.81
69 1,1,2,2-Tetrachloroethane(**)	83	15.752	15.757	(0.890)	76408	2.50000	2.62
70 1,2,3-Trichloropropane	110	15.781	15.787	(0.891)	13841	2.50000	2.39
71 n-Propylbenzene	91	15.969	15.984	(0.902)	486668	2.50000	2.63
72 2-Chlorotoluene	126	16.077	16.103	(0.908)	100912	2.50000	2.88
73 4-Chlorotoluene	126	16.304	16.300	(0.921)	105669	2.50000	2.84
74 1,3,5-Trimethylbenzene	105	16.343	16.359	(0.923)	363322	2.50000	2.84
75 tert-Butylbenzene	119	16.965	16.980	(0.958)	386341	2.50000	2.97
76 1,2,4-Trimethylbenzene	105	17.073	17.089	(0.964)	370796	2.50000	2.92
77 sec-Butylbenzene	105	17.418	17.434	(0.984)	534699	2.50000	2.99
78 1,3-Dichlorobenzene	146	17.566	17.582	(0.992)	196652	2.50000	2.86
* 79 1,4-Dichlorobenzene-d4	152	17.704	17.720	(1.000)	446047	10.0000	
80 p-Isopropyltoluene	119	17.744	17.759	(1.002)	426663	2.50000	3.04
81 1,4-Dichlorobenzene	146	17.754	17.769	(1.003)	224092	2.50000	3.06
82 1,2-Dichlorobenzene	146	18.493	18.499	(1.045)	184065	2.50000	3.12
83 n-Butylbenzene	91	18.572	18.588	(1.049)	478599	2.50000	2.94
84 1,2-Dibromo-3-chloropropane	157	20.081	20.087	(1.134)	15631	2.50000	2.89
85 1,2,4-Trichlorobenzene	180	21.827	21.823	(1.233)	186179	2.50000	4.36
86 Hexachlorobutadiene	225	22.251	22.257	(1.257)	179242	2.50000	4.42
87 Napthalene	128	22.291	22.306	(1.259)	240680	2.50000	6.32
88 1,2,3-Trichlorobenzene	180	22.794	22.809	(1.287)	176083	2.50000	5.42

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\SANF2007\D\chem\mh.I\1004BH.B\HS2163.D
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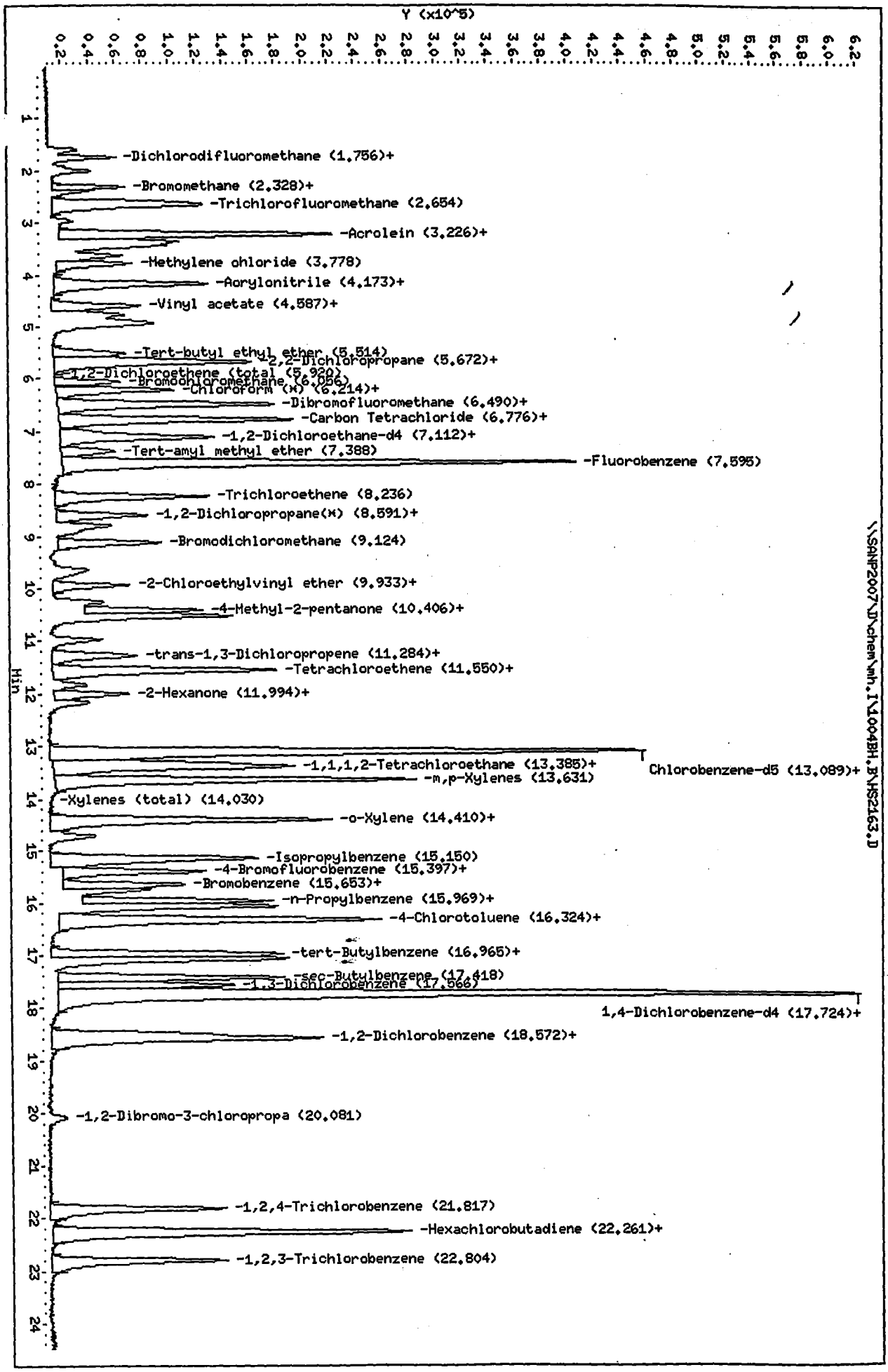
Client ID:
Sample Info: 2.5 PPB 8260B STD,,7,0,,8260BHL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: AD
Column diameter: 0.53



8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 100400

INSTRUMENT ID: MSD

SAMPLES: E0306 0329

STL Los Angeles

FJK 10/ 2/00

GC/MS VOA Run Log

ID: _____

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Seq File: 1004 AD

Tune File: BFB

Date: 10-2-00

EM Set: 1706

MSD

Cal ID: 8260BDA 9.6.00

Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
GFB	DT1561	50ng BFB	—	—	1ul	—	—	✓			1198-1
	DS2512	50ppb 8260B STD	1	5	5g	1	132	✓			1239-1 Vinyl Chl 1000
	13	80ppb 8260B	1				137	✓			
	14	80ppb 8260B	1				77	✓			
	DT1562	50ng BFB	—	—	14	—	—	✓			STD 12422, IS 1240-1, SUR 1252
	DS2515	80ppb 8260B	1	5	5g	1	148	✓			
	16	5ppb 8260B	2				141	✓			~~1236-1~~
	17	10ppb 8260B	3				151	✓			SUR 1250-1
	18	100ppb 8260B	4				149	✓			SUR 12387
	19	400ppb 8260B	5				149	✓			Inst. Blank
	DI2712	MB	6				152	✓			Second Source BC 1255-2
	13	1004BOADI-LCS-S	7				151	✓			

000088

Version 01/04/99

G:\FORMS\Run Log\MSV Runlog.DOC

BOE-C6-0170842

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2021\D\chem\md.i\1004AD.B\DS2516.D
Level 2: \\SANP2021\D\chem\md.i\1004AD.B\DS2517.D
Level 3: \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Level 4: \\SANP2021\D\chem\md.i\1004AD.B\DS2518.D
Level 5: \\SANP2021\D\chem\md.i\1004AD.B\DS2519.D

Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD	
1 Dichlorodifluoromethane	0.52156	0.42671	0.51813	0.39660	0.36918	0.44644	15.689	
2 Vinyl chloride (*)	0.26596	0.20081	0.23917	0.19389	0.18054	0.21607	16.379	
3 Chloromethane (**)	0.24177	0.17789	0.22237	0.16068	0.14790	0.19012	21.213	
4 Bromomethane	0.29823	0.22046	0.23906	0.18879	0.15274	0.21985	24.893	
5 Chloroethane	0.19234	0.14278	0.16331	0.12434	0.07543	0.13964	31.429	<-
6 Trichlorofluoromethane	0.91581	0.77583	0.78085	0.70708	0.40190	0.71629	26.713	
7 Acrolein	0.00989	0.01320	0.01340	0.01536	0.01508	0.01339	16.283	
8 1,1-Dichloroethene(*)	0.35401	0.28354	0.26903	0.26659	0.23498	0.28163	15.683	
9 1,1,2-Trichlorotrifluoroethan	0.60256	0.49150	0.38480	0.46963	0.40072	0.46984	18.461	
10 Acetone	0.05973	0.06028	0.05688	0.05659	0.04330	0.05535	12.536	
11 Iodomethane	0.62688	0.51811	0.59747	0.52897	0.44102	0.54249	13.426	
12 Carbon disulfide	0.83116	0.61797	0.55402	0.60369	0.55183	0.63173	18.250	
13 Methylene chloride	0.33325	0.28164	0.28337	0.26975	0.26255	0.28611	9.687	
14 t-Butanol	0.00856	0.00691	0.00665	0.00678	0.00741	0.00726	10.783	
15 trans-1,2-Dichloroethene	0.41130	0.32114	0.31056	0.30806	0.28233	0.32668	15.125	
16 Acrylonitrile	0.03694	0.04402	0.04748	0.04627	0.03809	0.04256	11.247	
17 Methyl-tert-butyl ether[MTBE]	0.82771	0.77397	0.73522	0.75689	0.66728	0.75221	7.779	
18 1,1-Dichloroethane (**)	0.69577	0.55514	0.54517	0.52108	0.49747	0.56293	13.777	
19 Vinyl acetate	0.83850	0.73189	0.72657	0.70523	0.62714	0.72587	10.423	
20 Isopropyl ether	1.24720	0.96265	0.94179	0.89632	0.81976	0.97354	16.692	
21 2,2-Dichloropropane	0.77800	0.59343	0.58498	0.57007	0.52865	0.61103	15.811	
22 Tert-butyl ethyl ether	1.06118	0.92590	0.92333	0.90385	0.84078	0.93101	8.644	
23 cis-1,2-Dichloroethene	0.38016	0.33407	0.32217	0.32165	0.29984	0.33158	8.998	
24 2-Butanone	0.10107	0.10100	0.09720	0.09926	0.08218	0.09614	8.283	
25 Bromochloromethane	0.21552	0.23212	0.22134	0.22068	0.20447	0.21883	4.589	
26 Chloroform (*)	0.87637	0.70198	0.73485	0.71264	0.63581	0.73233	12.094	

OFB 10/5/0

10-5-00

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
	27 Tetrahydrofuran	0.04860	0.06066	0.06738	0.06154	0.05228	0.05809	13.020
M	28 1,2-Dichloroethene (total)	0.39573	0.32761	0.31636	0.31486	0.29108	0.32913	12.012
	30 1,1,1-Trichloroethane	0.90130	0.74890	0.74778	0.74527	0.66956	0.76256	11.089
	31 Carbon Tetrachloride	0.85843	0.73947	0.69489	0.71501	0.63906	0.72937	11.119
	32 1,1-Dichloropropene	0.69280	0.55655	0.50884	0.50565	0.45241	0.54325	16.818
	34 1,2-Dichloroethane-d4 2nd	0.11153	0.09967	0.09708	0.09388	0.08208	0.09685	10.958
	35 Benzene	1.04490	0.85022	0.81928	0.80541	0.72278	0.84852	14.080
	36 1,2-Dichloroethane	0.57980	0.54529	0.53018	0.53396	0.48238	0.53432	6.553
	37 Tert-amyl methyl ether	0.96146	0.86419	0.89968	0.88253	0.80846	0.88326	6.289
	39 Trichloroethene	0.54735	0.46741	0.44434	0.45301	0.42447	0.46731	10.136
	40 1,2-Dichloropropane(*)	0.41021	0.34790	0.33456	0.32832	0.30872	0.34594	11.157
	41 Dibromomethane	0.31861	0.33395	0.32837	0.33230	0.29798	0.32224	4.596
	42 Bromodichloromethane	0.76201	0.71064	0.70898	0.72206	0.67713	0.71616	4.271
	43 1-Bromo-2-chloroethane	0.75650	0.80496	0.81331	0.81361	0.75417	0.78851	3.867
	44 2-Chloroethylvinyl ether	0.02549	0.04480	0.04766	0.05117	0.05051	0.04393	24.162
	45 cis-1,3-Dichloropropene	0.60057	0.53307	0.51481	0.54087	0.51230	0.54033	6.621
	46 4-Methyl-2-pentanone	0.24582	0.27292	0.26642	0.28897	0.22675	0.26017	9.323
	48 Toluene (*)	1.51088	1.22663	1.14987	1.15446	1.06889	1.22215	13.975
	49 trans-1,3-Dichloropropene	0.55286	0.55963	0.54802	0.57064	0.55881	0.55799	1.523
	50 1,1,2-Trichloroethane	0.43834	0.41101	0.39934	0.39910	0.36795	0.40315	6.288
	51 Tetrachloroethene	0.68758	0.56461	0.50803	0.52833	0.48547	0.55481	14.369
	52 1,3-Dichloropropane	0.71211	0.64926	0.61826	0.63856	0.55501	0.63464	8.927
	53 2-Hexanone	0.20203	0.22835	0.22991	0.24543	0.19739	0.22062	9.198
	54 Dibromochloromethane	0.72566	0.74573	0.75857	0.75472	0.70446	0.73783	3.061
	55 1,2-Dibromoethane	0.60530	0.63188	0.60096	0.63532	0.57871	0.61043	3.843
	57 Chlorobenzene (**)	1.20132	0.98673	0.90985	0.94631	0.86843	0.98253	13.221
	58 1,1,1,2-Tetrachloroethane	0.66584	0.59618	0.58154	0.58899	0.53753	0.59402	7.776
	59 Ethylbenzene (*)	0.57249	0.45024	0.42725	0.44555	0.39674	0.45846	14.641
	60 m,p-Xylenes	0.72775	0.59247	0.53677	0.54109	0.48172	0.57596	16.228
	61 o-Xylene	0.66358	0.56783	0.52964	0.53221	0.48893	0.55644	11.878
	62 Styrene	1.08881	0.91811	0.88684	0.90567	0.82167	0.92422	10.736
M	63 Xylenes (total)	0.70636	0.58426	0.53439	0.53813	0.48412	0.56945	14.811
	64 Bromoform (**)	0.50429	0.60460	0.61022	0.65200	0.60475	0.59517	9.162

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
65 Isopropylbenzene	2.16093	1.77853	1.63308	1.69704	1.50228	1.75437	14.177
66 4-Bromofluorobenzene-2nd	1.38633	0.96008	0.91481	0.88148	0.83529	0.99560	22.413
68 Bromobenzene	0.97322	0.81419	0.79516	0.79465	0.77583	0.83061	9.736
69 1,1,2,2-Tetrachloroethane(**)	0.86119	0.87782	0.86053	0.88107	0.79556	0.85523	4.051
70 1,2,3-Trichloropropane	0.24961	0.28618	0.29412	0.29992	0.27068	0.28010	7.240
71 n-Propylbenzene	3.24646	2.64103	2.34579	2.48211	2.22479	2.58803	15.434
72 2-Chlorotoluene	0.80795	0.61548	0.57002	0.57617	0.55895	0.62571	16.634
73 4-Chlorotoluene	0.82249	0.63315	0.61419	0.60637	0.59101	0.65344	14.647
74 1,3,5-Trimethylbenzene	2.66372	2.06396	1.92638	1.95765	1.79762	2.08187	16.276
75 tert-Butylbenzene	2.78101	2.04294	1.99675	2.03108	1.90002	2.15036	16.601
76 1,2,4-Trimethylbenzene	2.72943	2.08667	1.94744	1.98397	1.85056	2.11961	16.570
77 sec-Butylbenzene	3.70928	2.64015	2.56433	2.69087	2.49613	2.82015	17.819
78 1,3-Dichlorobenzene	1.79289	1.36433	1.29870	1.28193	1.22768	1.39311	16.420
80 1,4-Dichlorobenzene	2.01764	1.51868	1.40361	1.38149	1.27809	1.51990	19.151
81 p-Isopropyltoluene	3.10069	2.23918	2.14397	2.19282	1.95813	2.32696	19.145
82 1,2-Dichlorobenzene	1.65290	1.33128	1.24129	1.24913	1.18707	1.33233	13.995
83 n-Butylbenzene	2.93693	2.04933	2.01283	2.13790	1.97285	2.22197	18.196
84 1,2-Dibromo-3-chloropropane	0.21950	0.28554	0.29548	0.32973	0.31911	0.28987	14.885
85 1,2,4-Trichlorobenzene	1.55777	1.16575	1.12259	1.18084	1.12556	1.23050	15.008
86 Hexachlorobutadiene	1.35428	0.59857	0.83650	0.99188	0.86515	0.92928	29.794
87 Napthalene	2.22236	1.85456	1.77051	1.87490	1.58582	1.86163	12.446
88 1,2,3-Trichlorobenzene	1.44052	1.11305	1.07399	1.08609	1.02754	1.14824	14.482
$ 29 Dibromofluoromethane	0.90589	0.68813	0.69096	0.67979	0.59121	0.71120	16.372
$ 33 1,2-Dichloroethane-d4	0.58784	0.49004	0.45006	0.46069	0.41159	0.48005	13.850
$ 47 Toluene-d8	1.62605	1.15229	1.06939	1.03497	0.90472	1.15748	23.905
$ 67 4-Bromofluorobenzene	1.85435	1.28372	1.23251	1.18164	1.09181	1.32880	22.743

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.

COMPOUND	%RSD
Dichlorodifluoromethane	15.7
Chloromethane (**)	21.2
Vinyl chloride (*)	16.4
Bromomethane	24.9
Chloroethane	31.4
Trichlorofluoromethane	26.7
t-Butanol	10.8
Acrolein	16.1
1,1-Dichloroethene(*)	15.7
1,1,2-Trichlorotrifluoroethan	18.5
Acetone	13.1
Iodomethane	13.3
Carbon disulfide	18.0
Methylene chloride	9.7
trans-1,2-Dichloroethene	15.1
Acrylonitrile	11.2
Methyl-tert-butyl ether[MTBE]	7.8
1,1-Dichloroethane (**)	13.8
Vinyl acetate	10.5
Isopropyl ether	16.6
Tert-butyl ethyl ether	8.6
2,2-Dichloropropane	15.8
cis-1,2-Dichloroethene	9.0
2-Butanone	8.7
Bromochloromethane	4.6
Tetrahydrofuran	12.2
Chloroform (*)	12.1
1,2-Dichloroethene (total)	12.0
1,1,1-Trichloroethane	11.1
Dibromofluoromethane	16.3
Carbon Tetrachloride	11.1
1,1-Dichloropropene	16.8
1,2-Dichloroethane-d4 2nd	7.7
1,2-Dichloroethane-d4	13.8
Benzene	14.1
1,2-Dichloroethane	6.5
Tert-amyl methyl ether	6.3
Trichloroethene	10.1
1,2-Dichloropropane(*)	11.2

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8

COMPOUND	%RSD
Dibromomethane	4.6
Bromodichloromethane	4.3
1-Bromo-2-chloroethane	3.9
2-Chloroethylvinyl ether	24.2
cis-1,3-Dichloropropene	6.6
4-Methyl-2-pentanone	9.3
Toluene-d8	23.9
Toluene (*)	14.0
trans-1,3-Dichloropropene	1.5
1,1,2-Trichloroethane	6.3
Tetrachloroethene	14.4
1,3-Dichloropropane	8.9
2-Hexanone	9.2
Dibromochloromethane	3.0
1,2-Dibromoethane	3.8
Chlorobenzene (**)	13.2
1,1,1,2-Tetrachloroethane	7.8
Ethylbenzene (*)	14.6
m,p-Xylenes	16.2
o-Xylene	11.9
Styrene	10.7
Xylenes (total)	14.8
Bromoform (**)	9.2
Isopropylbenzene	14.2
4-Bromofluorobenzene	22.7
4-Bromofluorobenzene-2nd	22.4
Bromobenzene	9.7
1,1,2,2-Tetrachloroethane(**)	4.1
1,2,3-Trichloropropane	7.2
n-Propylbenzene	15.4
2-Chlorotoluene	16.6
4-Chlorotoluene	14.6
1,3,5-Trimethylbenzene	16.3
tert-Butylbenzene	16.6
1,2,4-Trimethylbenzene	16.6
sec-Butylbenzene	17.8
1,3-Dichlorobenzene	16.4
p-Isopropyltoluene	19.1
1,4-Dichlorobenzene	19.2

BOE-C6 0170847

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8

COMPOUND	%RSD
1,2-Dichlorobenzene	14.0
n-Butylbenzene	18.2
1,2-Dibromo-3-chloropropane	14.9
1,2,4-Trichlorobenzene	15.0
Hexachlorobutadiene	29.8
Napthalene	12.4
1,2,3-Trichlorobenzene	14.5

GFB 10/5/00

The average of all %RSD's in the initial calibration is 13.4

10-5-00

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D
Lab Smp Id:
Inj Date : 04-OCT-2000 10:52
Operator : GFB Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7935	1.8000	(0.000)	95	62048			0.00- 100.00	100.00
1.7935	1.8000	(0.000)	50	11463			15.00- 40.00	18.47
1.7935	1.8000	(0.000)	75	31461			30.00- 60.00	50.70
1.7935	1.8000	(0.000)	96	4101			5.00- 9.00	6.61
1.7935	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7935	1.8000	(0.000)	174	47797			50.00- 0.00	77.03
1.7935	1.8000	(0.000)	175	3672			5.00- 9.00	7.68
1.7935	1.8000	(0.000)	176	48202			95.00- 101.00	100.85
1.7935	1.8000	(0.000)	177	3549			5.00- 9.00	7.36

GFB 10/5/00

10-5-00

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

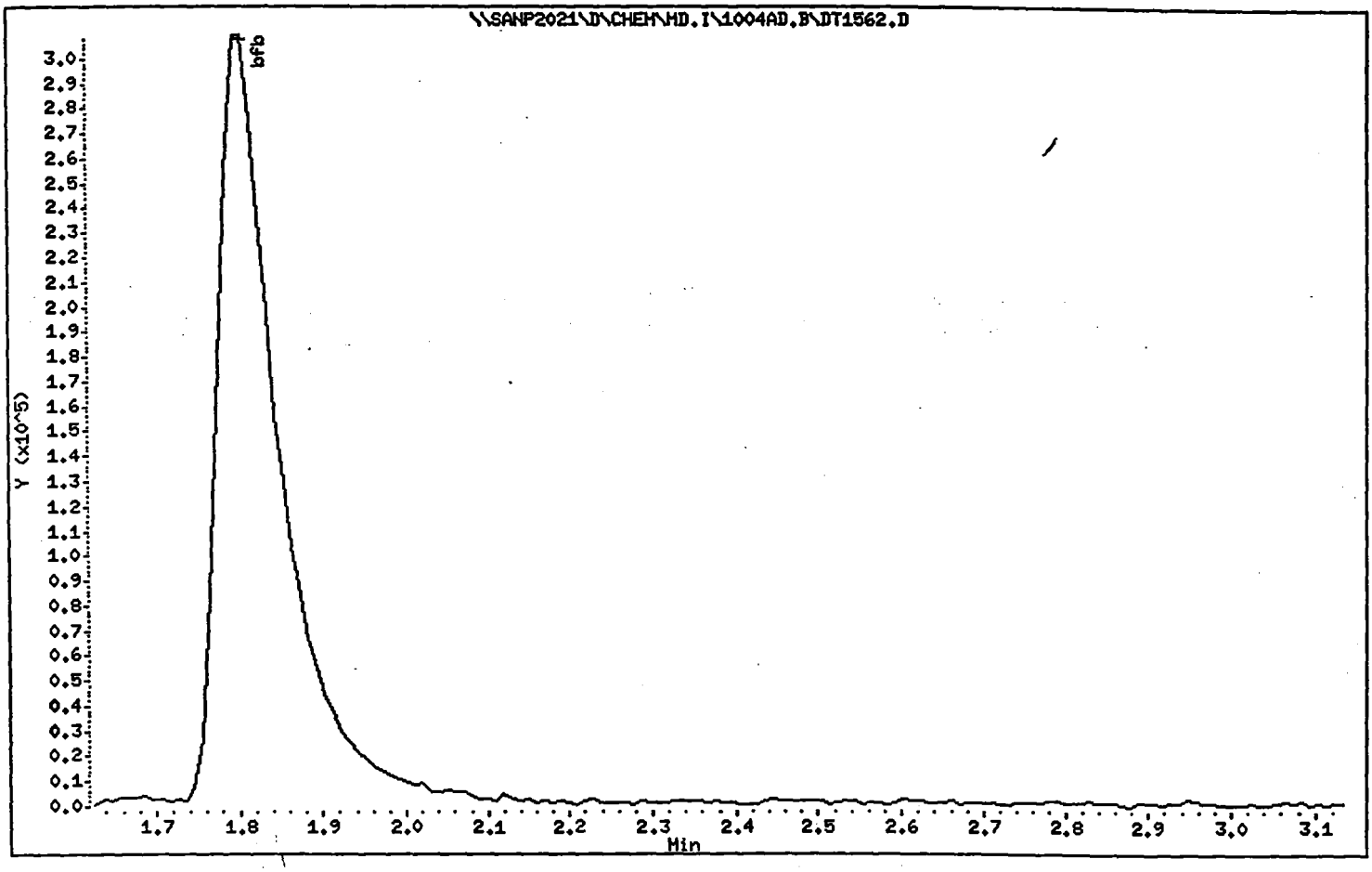
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

Instrument: md.i

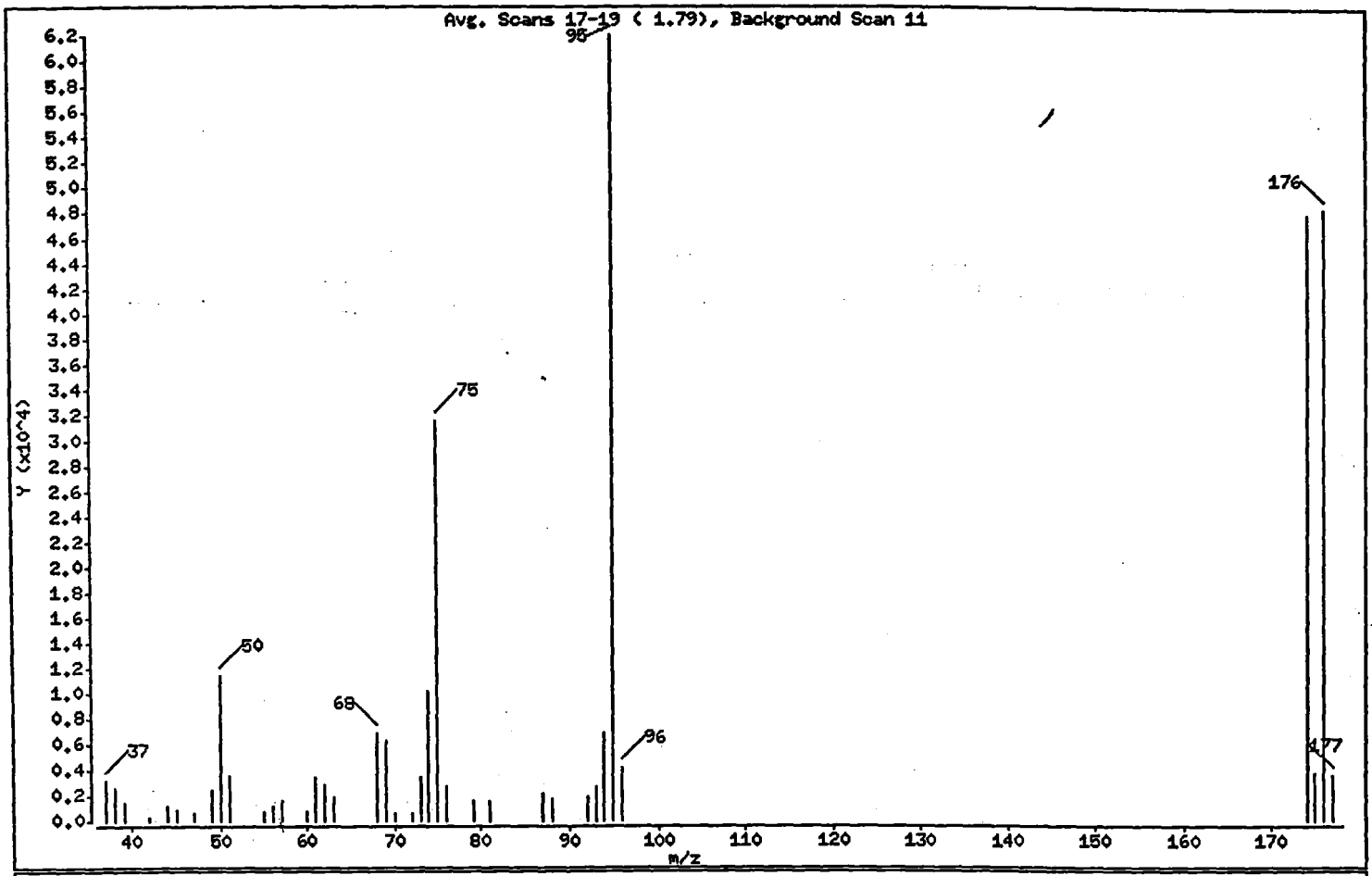
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.47
75	30.00 - 60.00% of mass 95	50.70
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	77.03
175	5.00 - 9.00% of mass 174	5.92 (7.68)
176	95.00 - 101.00% of mass 174	77.69 (100.85)
177	5.00 - 9.00% of mass 176	5.72 (7.36)

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1562.D

Spectrum: Avg. Scans 17-19 (1.79), Background Scan 11

Location of Maximum: 95.00

Number of points: 38

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	3145	55.00	666	72.00	521	93.00	2579
38.00	2584	56.00	1182	73.00	3360	94.00	6853
39.00	1411	57.00	1567	74.00	10081	95.00	62048
42.00	287	60.00	715	75.00	31456	96.00	4101
44.00	1196	61.00	3402	76.00	2747	174.00	47792
45.00	899	62.00	2830	79.00	1527	175.00	3672
47.00	574	63.00	1878	81.00	1605	176.00	48200
49.00	2454	68.00	6835	87.00	2208	177.00	3549
50.00	11463	69.00	6333	88.00	1757		
51.00	3576	70.00	560	92.00	1903		

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2515.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.m
Misc Info: 1239-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 15:06

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1517570	758785	3035140	1480718	-2.43
56 Chlorobenzene-d5	1323085	661543	2646170	1259551	-4.80
79 1,4-Dichlorobenze	951881	475941	1903762	906122	-4.81

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.11	6.61	7.61	7.10	-0.13
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.00
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.27	-0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2516.D
Lab Smp Id: 5 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1232-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1417011	-4.30
56 Chlorobenzene-d5	1259551	629776	2519102	1175348	-6.69
79 1,4-Dichlorobenze	906122	453061	1812244	811309	-10.46

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.15
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.00
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.28	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

ROE.C6.0170854

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2517.D
Lab Smp Id: 20 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1232-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1516137	2.39
56 Chlorobenzene-d5	1259551	629776	2519102	1294709	2.79
79 1,4-Dichlorobenze	906122	453061	1812244	958076	5.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.13
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	-0.01
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2518.D
Lab Smp Id: 100 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1236-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1491260	0.71
56 Chlorobenzene-d5	1259551	629776	2519102	1294737	2.79
79 1,4-Dichlorobenze	906122	453061	1812244	951421	5.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.00
56 Chlorobenzene-d5	12.63	12.13	13.13	12.62	-0.08
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2519.D
Lab Smp Id: 400 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1236-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1499019	1.24
56 Chlorobenzene-d5	1259551	629776	2519102	1275234	1.25
79 1,4-Dichlorobenze	906122	453061	1812244	870677	-3.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.12	0.22
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.04
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.29	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 04-OCT-2000 11:03
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1239-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 15:31 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 11:03 Cal File: DS2515.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	767205	50.0000	50.00
2 Vinyl chloride (*)	62	1.701	1.701	(0.240)	354141	50.0000	50.00
3 Chloromethane (**)	50	1.632	1.642	(0.230)	329265	50.0000	50.00
4 Bromomethane	94	1.977	1.976	(0.278)	353983	50.0000	50.00
5 Chloroethane	64	2.065	2.065	(0.291)	241819	50.0000	50.00
6 Trichlorofluoromethane	101	2.302	2.302	(0.324)	1156218	50.0000	50.00
7 Acrolein	56	2.706	2.705	(0.381)	198428	500.000	500.0(A)
8 1,1-Dichloroethene(*)	96	2.795	2.784	(0.394)	398355	50.0000	50.00
9 1,1,2-Trichlorotrifluoroethan	151	2.814	2.784	(0.396)	569780	50.0000	50.00
10 Acetone	43	2.873	2.883	(0.405)	421132	250.000	250.0
11 Iodomethane	142	2.942	2.952	(0.414)	1769379	100.000	100.0
12 Carbon disulfide	76	3.011	3.021	(0.424)	820343	50.0000	50.00
13 Methylene chloride	84	3.326	3.336	(0.469)	419595	50.0000	50.00
14 t-Butanol	59	2.578	2.568	(0.363)	246194	1250.00	1250

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.671	3.681	(0.517)	459847	50.0000	50.00
	16 Acrylonitrile	53	3.662	3.671	(0.516)	703011	500.000	500.0(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.711	3.711	(0.523)	1088650	50.0000	50.00
	18 1,1-Dichloroethane (**)	63	4.282	4.262	(0.603)	807241	50.0000	50.00
	19 Vinyl acetate	43	4.400	4.400	(0.620)	2151689	100.000	100.0
	20 Isopropyl ether	45	4.440	4.449	(0.625)	1394520	50.0000	50.00
	21 2,2-Dichloropropane	77	5.159	5.159	(0.727)	866195	50.0000	50.00
	22 Tert-butyl ethyl ether	59	5.011	5.031	(0.706)	1367197	50.0000	50.00
	23 cis-1,2-Dichloroethene	96	5.179	5.188	(0.729)	477036	50.0000	50.00
	24 2-Butanone	43	5.277	5.287	(0.743)	719605	250.000	250.0
	25 Bromochloromethane	128	5.563	5.563	(0.784)	327749	50.0000	50.00
	26 Chloroform (*)	83	5.731	5.730	(0.807)	1088102	50.0000	50.00
	27 Tetrahydrofuran	42	5.671	5.671	(0.799)	99775	50.0000	50.00
M	28 1,2-Dichloroethene (total)	100				936883	100.000	100.0
$	29 Dibromofluoromethane	111	5.997	5.996	(0.845)	1023120	50.0000	50.00
	30 1,1,1-Trichloroethane	97	5.977	5.976	(0.842)	1107247	50.0000	50.00
	31 Carbon Tetrachloride	117	6.253	6.252	(0.881)	1028936	50.0000	50.00
	32 1,1-Dichloropropene	75	6.263	6.262	(0.882)	753450	50.0000	50.00
$	33 1,2-Dichloroethane-d4	65	6.529	6.538	(0.920)	666407	50.0000	50.00
	34 1,2-Dichloroethane-d4 2nd	102	6.538	6.538	(0.921)	143755	50.0000	50.00
	35 Benzene	78	6.598	6.607	(0.929)	1213126	50.0000	50.00
	36 1,2-Dichloroethane	62	6.657	6.666	(0.938)	785052	50.0000	50.00
	37 Tert-amyl methyl ether	73	6.883	6.893	(0.969)	1332168	50.0000	50.00
*	38 Fluorobenzene	96	7.100	7.109	(1.000)	1480718	50.0000	
	39 Trichloroethene	130	7.750	7.750	(1.092)	657938	50.0000	50.00
	40 1,2-Dichloropropane(*)	63	8.125	8.124	(1.144)	495390	50.0000	50.00
	41 Dibromomethane	93	8.341	8.331	(1.175)	486222	50.0000	50.00
	42 Bromodichloromethane	83	8.657	8.656	(1.219)	1049801	50.0000	50.00
	43 1-Bromo-2-chloroethane	63	9.169	9.178	(1.291)	1204288	50.0000	50.00
	44 2-Chloroethylvinyl ether	106	9.267	9.267	(1.305)	141135	100.000	100.0
	45 cis-1,3-Dichloropropene	75	9.464	9.474	(1.333)	762286	50.0000	50.00
	46 4-Methyl-2-pentanone	43	9.819	9.829	(1.383)	1972475	250.000	250.0
$	47 Toluene-d8	98	9.928	9.927	(0.786)	1346953	50.0000	50.00
	48 Toluene (*)	91	10.036	10.045	(0.795)	1448324	50.0000	50.00
	49 trans-1,3-Dichloropropene	75	10.529	10.528	(0.834)	690258	50.0000	50.00
	50 1,1,2-Trichloroethane	97	10.844	10.834	(0.859)	502993	50.0000	50.00
	51 Tetrachloroethene	164	11.051	11.050	(0.875)	639884	50.0000	50.00
	52 1,3-Dichloropropane	76	11.129	11.129	(0.881)	778734	50.0000	50.00
	53 2-Hexanone	43	11.386	11.385	(0.902)	1447932	250.000	250.0
	54 Dibromochloromethane	129	11.543	11.553	(0.914)	955463	50.0000	50.00
	55 1,2-Dibromoethane	107	11.711	11.710	(0.927)	756935	50.0000	50.00
*	56 Chlorobenzene-d5	117	12.627	12.627	(1.000)	1259551	50.0000	
	57 Chlorobenzene (**)	112	12.676	12.676	(1.004)	1146006	50.0000	50.00
	58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.019)	732482	50.0000	50.00
	59 Ethylbenzene (*)	106	12.942	12.922	(1.025)	538149	50.0000	50.00
	60 m,p-Xylenes	106	13.179	13.178	(1.044)	1352178	100.000	100.0
	61 o-Xylene	106	13.928	13.937	(1.103)	667112	50.0000	50.00

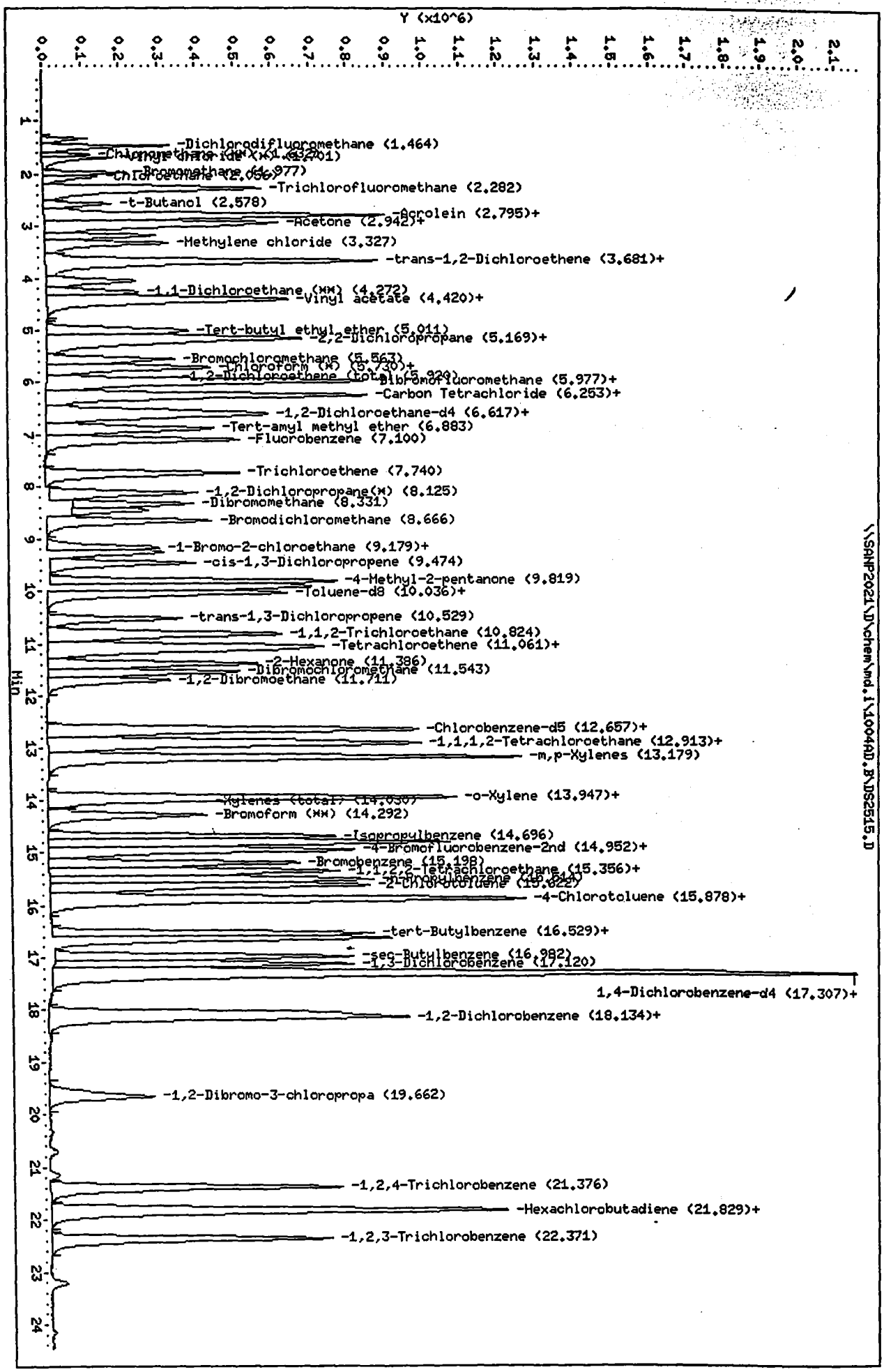
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.977	13.976	(1.107)	1117023	50.0000	50.00
M	63 Xylenes (total)	100				2019291	150.000	150.0
	64 Bromoform (**)	173	14.282	14.282	(1.131)	768600	50.0000	50.00
	65 Isopropylbenzene	105	14.686	14.696	(1.163)	2056943	50.0000	50.00
	66 4-Bromofluorobenzene-2nd	174	14.962	14.962	(0.866)	828930	50.0000	50.00
$	67 4-Bromofluorobenzene	95	14.962	14.962	(0.866)	1116801	50.0000	50.00
	68 Bromobenzene	156	15.198	15.208	(0.880)	720512	50.0000	50.00
	69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	779747	50.0000	50.00
	70 1,2,3-Trichloropropane	110	15.366	15.376	(0.890)	266511	50.0000	50.00
	71 n-Propylbenzene	91	15.514	15.513	(0.898)	2125571	50.0000	50.00
	72 2-Chlorotoluene	126	15.622	15.632	(0.905)	516505	50.0000	50.00
	73 4-Chlorotoluene	126	15.849	15.848	(0.918)	556532	50.0000	50.00
	74 1,3,5-Trimethylbenzene	105	15.908	15.898	(0.921)	1745535	50.0000	50.00
	75 tert-Butylbenzene	119	16.529	16.528	(0.957)	1809296	50.0000	50.00
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	1764617	50.0000	50.00
	77 sec-Butylbenzene	105	16.972	16.981	(0.983)	2323599	50.0000	50.00
	78 1,3-Dichlorobenzene	146	17.139	17.129	(0.993)	1176780	50.0000	50.00
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.277	(1.000)	906122	50.0000	
	80 1,4-Dichlorobenzene	146	17.317	17.316	(1.003)	1271838	50.0000	50.00
	81 p-Isopropyltoluene	119	17.307	17.316	(1.002)	1942698	50.0000	50.00
	82 1,2-Dichlorobenzene	146	18.046	18.055	(1.045)	1124761	50.0000	50.00
	83 n-Butylbenzene	91	18.134	18.144	(1.050)	1823873	50.0000	50.00
	84 1,2-Dibromo-3-chloropropane	157	19.681	19.691	(1.140)	267739	50.0000	50.00
	85 1,2,4-Trichlorobenzene	180	21.376	21.395	(1.238)	1017200	50.0000	50.00
	86 Hexachlorobutadiene	225	21.809	21.819	(1.263)	757970	50.0000	50.00
	87 Napthalene	128	21.849	21.858	(1.265)	1604295	50.0000	50.00
	88 1,2,3-Trichlorobenzene	180	22.371	22.371	(1.296)	973166	50.0000	50.00

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Date : 04-OCT-2000 11:03
Client ID:
Sample Info: 50 PPB 8260B STD,,,3.0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2516.D
Lab Smp Id: 5 PPB 8260B STD
Inj Date : 04-OCT-2000 12:26
Operator : GFB Inst ID: md.i
Smp Info : 5 PPB 8260B STD,,,1,0,,,8260BDA.M
Misc Info : 1242-2;1232-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 12:51 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.475	1.464	(0.207)	73905	5.00000	4.63(a)
2 Vinyl chloride (*)	62	1.702	1.701	(0.239)	37687	5.00000	4.38(aQ)
3 Chloromethane (**)	50	1.633	1.632	(0.230)	34259	5.00000	4.30(aQ)
4 Bromomethane	94	1.977	1.977	(0.278)	42259	5.00000	7.08
5 Chloroethane	64	2.066	2.065	(0.291)	27255	5.00000	5.52
6 Trichlorofluoromethane	101	2.303	2.302	(0.324)	129771	5.00000	6.96
7 Acrolein	56	2.697	2.706	(0.379)	14020	50.0000	59.18
8 1,1-Dichloroethene(*)	96	2.805	2.795	(0.394)	50163	5.00000	6.48
9 1,1,2-Trichlorotrifluoroethan	151	2.815	2.814	(0.396)	85384	5.00000	7.12
10 Acetone	43	2.874	2.873	(0.404)	42319	25.0000	18.81
11 Iodomethane	142	2.963	2.942	(0.417)	177659	10.0000	11.99
12 Carbon disulfide	76	3.012	3.011	(0.424)	117776	5.00000	5.60
13 Methylene chloride	84	3.347	3.326	(0.471)	47222	5.00000	5.74
14 t-Butanol	59	2.578	2.578	(0.363)	30340	125.000	129.8(aQ)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.672	3.671	(0.516)	58282	5.00000	6.40
	16 Acrylonitrile	53	3.652	3.662	(0.514)	54894	50.0000	37.62
	17 Methyl-tert-butyl ether[MTBE]	73	3.731	3.711	(0.525)	117287	5.00000	5.30
	18 1,1-Dichloroethane (**)	63	4.273	4.282	(0.601)	98591	5.00000	5.74(Q)
	19 Vinyl acetate	43	4.421	4.400	(0.622)	230394	10.0000	9.18
	20 Isopropyl ether	45	4.450	4.440	(0.626)	172550	5.00000	5.10
	21 2,2-Dichloropropane	77	5.189	5.159	(0.730)	110244	5.00000	6.43(Q)
	22 Tert-butyl ethyl ether	59	5.032	5.011	(0.708)	150370	5.00000	5.09
	23 cis-1,2-Dichloroethene	96	5.199	5.179	(0.731)	53869	5.00000	5.75
	24 2-Butanone	43	5.288	5.277	(0.744)	73561	25.0000	17.97
	25 Bromochloromethane	128	5.564	5.563	(0.782)	30540	5.00000	5.28
	26 Chloroform (*)	83	5.731	5.731	(0.806)	124183	5.00000	6.10
	27 Tetrahydrofuran	42	5.682	5.671	(0.799)	6886	5.00000	2.49(aQ)
M	28 1,2-Dichloroethene (total)	100				112151	10.0000	12.15
$	29 Dibromofluoromethane	111	5.997	5.997	(0.843)	128365	5.00000	6.69
	30 1,1,1-Trichloroethane	97	5.977	5.977	(0.841)	127715	5.00000	6.28(Q)
	31 Carbon Tetrachloride	117	6.263	6.253	(0.881)	121640	5.00000	6.44
	32 1,1-Dichloropropene	75	6.263	6.263	(0.881)	98170	5.00000	5.84
$	33 1,2-Dichloroethane-d4	65	6.529	6.529	(0.918)	83298	5.00000	5.89
	34 1,2-Dichloroethane-d4 2nd	102	6.549	6.538	(0.921)	15804	5.00000	5.24
	35 Benzene	78	6.608	6.598	(0.929)	148064	5.00000	5.64
	36 1,2-Dichloroethane	62	6.657	6.657	(0.936)	82159	5.00000	5.29(Q)
	37 Tert-amyl methyl ether	73	6.894	6.883	(0.970)	136240	5.00000	4.92(aQ)
*	38 Fluorobenzene	96	7.110	7.100	(1.000)	1417011	50.0000	
	39 Trichloroethene	130	7.731	7.750	(1.087)	77560	5.00000	5.90
	40 1,2-Dichloropropane(*)	63	8.145	8.125	(1.145)	58127	5.00000	5.11
	41 Dibromomethane	93	8.332	8.341	(1.172)	45147	5.00000	4.73(a)
	42 Bromodichloromethane	83	8.677	8.657	(1.220)	107977	5.00000	5.26
	43 1-Bromo-2-chloroethane	63	9.160	9.169	(1.288)	107197	5.00000	4.58(aQ)
	44 2-Chloroethylvinyl ether	106	9.268	9.267	(1.303)	7223	10.0000	4.76(aQ)
	45 cis-1,3-Dichloropropene	75	9.475	9.464	(1.333)	85102	5.00000	4.96(a)
	46 4-Methyl-2-pentanone	43	9.820	9.819	(1.381)	174163	25.0000	15.43
$	47 Toluene-d8	98	9.928	9.928	(0.786)	191118	5.00000	7.34
	48 Toluene (*)	91	10.046	10.036	(0.796)	177581	5.00000	6.44
	49 trans-1,3-Dichloropropene	75	10.539	10.529	(0.835)	64980	5.00000	4.80(a)
	50 1,1,2-Trichloroethane	97	10.844	10.844	(0.859)	51520	5.00000	5.68
	51 Tetrachloroethene	164	11.051	11.051	(0.875)	80815	5.00000	7.22
	52 1,3-Dichloropropane	76	11.140	11.129	(0.882)	83698	5.00000	5.47
	53 2-Hexanone	43	11.406	11.386	(0.903)	118726	25.0000	16.52
	54 Dibromochloromethane	129	11.544	11.543	(0.914)	85290	5.00000	5.57
	55 1,2-Dibromoethane	107	11.721	11.711	(0.928)	71144	5.00000	5.20(Q)
*	56 Chlorobenzene-d5	117	12.628	12.627	(1.000)	1175348	50.0000	
	57 Chlorobenzene (**)	112	12.667	12.676	(1.003)	141197	5.00000	6.52
	58 1,1,1,2-Tetrachloroethane	131	12.874	12.863	(1.020)	78259	5.00000	6.42
	59 Ethylbenzene (*)	106	12.943	12.942	(1.025)	67288	5.00000	6.44
	60 m,p-Xylenes	106	13.169	13.179	(1.043)	171072	10.0000	13.05
	61 o-Xylene	106	13.928	13.928	(1.103)	77994	5.00000	6.06

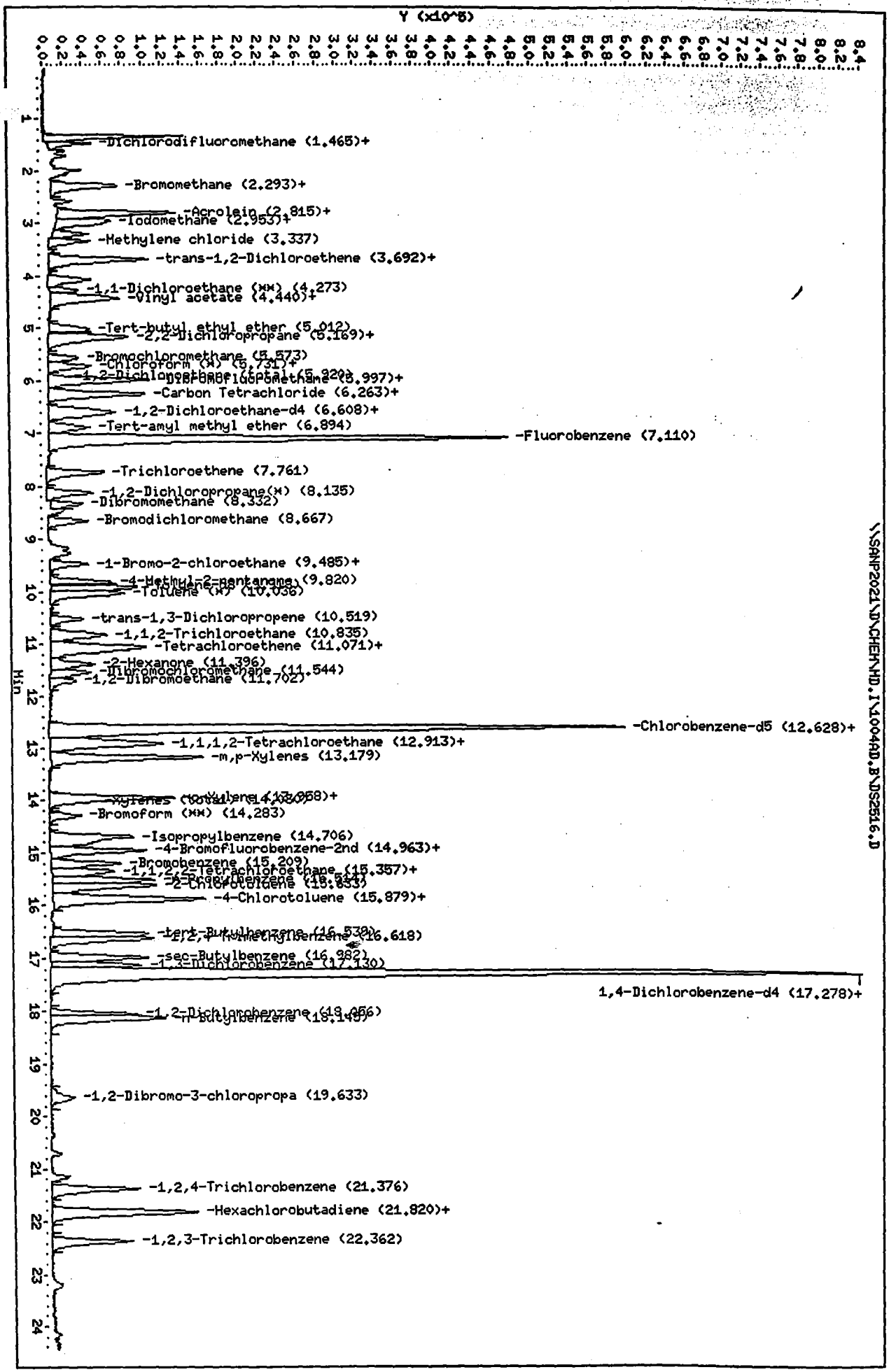
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.968	13.977	(1.106)	127973	5.00000	6.09
M	63 Xylenes (total)	100				249067	15.0000	19.11
	64 Bromoform (**)	173	14.283	14.282	(1.131)	59272	5.00000	4.62(aQ)
	65 Isopropylbenzene	105	14.687	14.686	(1.163)	253985	5.00000	6.42
	66 4-Bromofluorobenzene-2nd	174	14.963	14.962	(0.866)	112474	5.00000	7.27
$	67 4-Bromofluorobenzene	95	14.972	14.962	(0.867)	150445	5.00000	6.72
	68 Bromobenzene	156	15.209	15.198	(0.880)	78958	5.00000	6.23
	69 1,1,2,2-Tetrachloroethane(**)	83	15.337	15.346	(0.888)	69869	5.00000	4.50(aQ)
	70 1,2,3-Trichloropropane	110	15.376	15.366	(0.890)	20251	5.00000	4.12(aQ)
	71 n-Propylbenzene	91	15.514	15.514	(0.898)	263388	5.00000	6.10
	72 2-Chlorotoluene	126	15.633	15.622	(0.905)	65550	5.00000	6.68
	73 4-Chlorotoluene	126	15.859	15.849	(0.918)	66729	5.00000	6.57
	74 1,3,5-Trimethylbenzene	105	15.899	15.908	(0.920)	216110	5.00000	6.40
	75 tert-Butylbenzene	119	16.549	16.529	(0.958)	225626	5.00000	6.48
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	221441	5.00000	6.45
	77 sec-Butylbenzene	105	16.982	16.972	(0.983)	300937	5.00000	6.32
	78 1,3-Dichlorobenzene	146	17.130	17.139	(0.991)	145459	5.00000	6.73
*	79 1,4-Dichlorobenzene-d4	152	17.278	17.267	(1.000)	811309	50.0000	(Q)
	80 1,4-Dichlorobenzene	146	17.307	17.317	(1.002)	163693	5.00000	7.05
	81 p-Isopropyltoluene	119	17.317	17.307	(1.002)	251562	5.00000	6.66
	82 1,2-Dichlorobenzene	146	18.046	18.046	(1.044)	134101	5.00000	6.49
	83 n-Butylbenzene	91	18.145	18.134	(1.050)	238276	5.00000	6.30
	84 1,2-Dibromo-3-chloropropane	157	19.682	19.681	(1.139)	12752	5.00000	2.48(aQ)
	85 1,2,4-Trichlorobenzene	180	21.386	21.376	(1.238)	126383	5.00000	6.76
	86 Hexachlorobutadiene	225	21.820	21.809	(1.263)	109874	5.00000	7.68
	87 Napthalene	128	21.859	21.849	(1.265)	180302	5.00000	5.68
	88 1,2,3-Trichlorobenzene	180	22.362	22.371	(1.294)	116871	5.00000	6.66

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2516.D
Date : 04-OCT-2000 12:26
Client ID:
Sample Info: 5 PPB 8260B STD,,,1.0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: CFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2517.D
Lab Smp Id: 20 PPB 8260B STD
Inj Date : 04-OCT-2000 12:58
Operator : GFB Inst ID: md.i
Smp Info : 20 PPB 8260B STD,,,2,0,,,8260BDA.M
Misc Info : 1242-2;1232-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 13:23 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	258783	20.0000	15.15
2 Vinyl chloride (*)	62	1.700	1.701	(0.239)	121781	20.0000	13.23
3 Chloromethane (**)	50	1.631	1.632	(0.229)	107882	20.0000	12.66
4 Bromomethane	94	1.976	1.977	(0.278)	133699	20.0000	20.93
5 Chloroethane	64	2.065	2.065	(0.290)	86592	20.0000	16.38
6 Trichlorofluoromethane	101	2.301	2.302	(0.324)	470507	20.0000	23.59
7 Acrolein	56	2.705	2.706	(0.381)	80044	200.000	315.8(AQ)
8 1,1-Dichloroethene(*)	96	2.794	2.795	(0.393)	171955	20.0000	20.77
9 1,1,2-Trichlorotrifluoroethan	151	2.813	2.814	(0.396)	298071	20.0000	23.24
10 Acetone	43	2.882	2.873	(0.405)	179610	100.000	74.63
11 Iodomethane	142	2.942	2.942	(0.414)	628417	40.0000	39.63
12 Carbon disulfide	76	3.011	3.011	(0.423)	370158	20.0000	16.46
13 Methylene chloride	84	3.336	3.326	(0.469)	170800	20.0000	19.41
14 t-Butanol	59	2.577	2.578	(0.363)	104758	500.000	419.0(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.680	3.671	(0.518)	194759	20.0000	19.98
	16 Acrylonitrile	53	3.671	3.662	(0.516)	266981	200.000	171.0(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.720	3.711	(0.523)	469376	20.0000	19.82
	18 1,1-Dichloroethane (**)	63	4.262	4.282	(0.599)	336670	20.0000	18.31
	19 Vinyl acetate	43	4.410	4.400	(0.620)	889540	40.0000	33.13
	20 Isopropyl ether	45	4.439	4.440	(0.624)	583802	20.0000	16.13
	21 2,2-Dichloropropane	77	5.158	5.159	(0.726)	359891	20.0000	19.61
	22 Tert-butyl ethyl ether	59	5.020	5.011	(0.706)	561518	20.0000	17.77
	23 cis-1,2-Dichloroethene	96	5.168	5.179	(0.727)	202596	20.0000	20.22
	24 2-Butanone	43	5.267	5.277	(0.741)	283318	100.000	64.69
	25 Bromochloromethane	128	5.562	5.563	(0.782)	140769	20.0000	22.77
	26 Chloroform (*)	83	5.730	5.731	(0.806)	425720	20.0000	19.54
	27 Tetrahydrofuran	42	5.690	5.671	(0.800)	36788	20.0000	12.45
M	28 1,2-Dichloroethene (total)	100				397356	40.0000	40.20
$	29 Dibromofluoromethane	111	5.986	5.997	(0.842)	417322	20.0000	20.32
	30 1,1,1-Trichloroethane	97	5.966	5.977	(0.839)	454173	20.0000	20.87
	31 Carbon Tetrachloride	117	6.252	6.253	(0.879)	448454	20.0000	22.18
	32 1,1-Dichloropropene	75	6.252	6.263	(0.879)	337523	20.0000	18.78
$	33 1,2-Dichloroethane-d4	65	6.528	6.529	(0.918)	297190	20.0000	19.65
	34 1,2-Dichloroethane-d4 2nd	102	6.518	6.538	(0.917)	59979	20.0000	18.58
	35 Benzene	78	6.607	6.598	(0.929)	515623	20.0000	18.36
	36 1,2-Dichloroethane	62	6.646	6.657	(0.935)	330696	20.0000	19.90
	37 Tert-amyl methyl ether	73	6.902	6.883	(0.971)	524093	20.0000	17.68
*	38 Fluorobenzene	96	7.109	7.100	(1.000)	1516137	50.0000	
	39 Trichloroethene	130	7.750	7.750	(1.090)	283465	20.0000	20.15
	40 1,2-Dichloropropane(*)	63	8.134	8.125	(1.144)	210985	20.0000	17.34
	41 Dibromomethane	93	8.321	8.341	(1.170)	202525	20.0000	19.82
	42 Bromodichloromethane	83	8.666	8.657	(1.219)	430970	20.0000	19.62
	43 1-Bromo-2-chloroethane	63	9.168	9.169	(1.290)	488171	20.0000	19.50(Q)
	44 2-Chloroethylvinyl ether	106	9.277	9.267	(1.305)	54342	40.0000	33.45(Q)
	45 cis-1,3-Dichloropropene	75	9.474	9.464	(1.333)	323283	20.0000	17.61
	46 4-Methyl-2-pentanone	43	9.819	9.819	(1.381)	827567	100.000	68.54
$	47 Toluene-d8	98	9.927	9.928	(0.786)	596754	20.0000	20.80
	48 Toluene (*)	91	10.055	10.036	(0.796)	635253	20.0000	20.90
	49 trans-1,3-Dichloropropene	75	10.528	10.529	(0.834)	289823	20.0000	19.45
	50 1,1,2-Trichloroethane	97	10.843	10.844	(0.859)	212856	20.0000	21.31
	51 Tetrachloroethene	164	11.050	11.051	(0.875)	292404	20.0000	23.71
	52 1,3-Dichloropropane	76	11.129	11.129	(0.881)	336242	20.0000	19.94
	53 2-Hexanone	43	11.375	11.386	(0.901)	591298	100.000	74.68
	54 Dibromochloromethane	129	11.552	11.543	(0.915)	386202	20.0000	22.88
	55 1,2-Dibromoethane	107	11.700	11.711	(0.927)	327240	20.0000	21.74
*	56 Chlorobenzene-d5	117	12.626	12.627	(1.000)	1294709	50.0000	
	57 Chlorobenzene (**)	112	12.676	12.676	(1.004)	511009	20.0000	21.43
	58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.019)	308754	20.0000	22.99
	59 Ethylbenzene (*)	106	12.942	12.942	(1.025)	233173	20.0000	20.26
	60 m,p-Xylenes	106	13.168	13.179	(1.043)	613661	40.0000	42.50
	61 o-Xylene	106	13.927	13.928	(1.103)	294072	20.0000	20.73

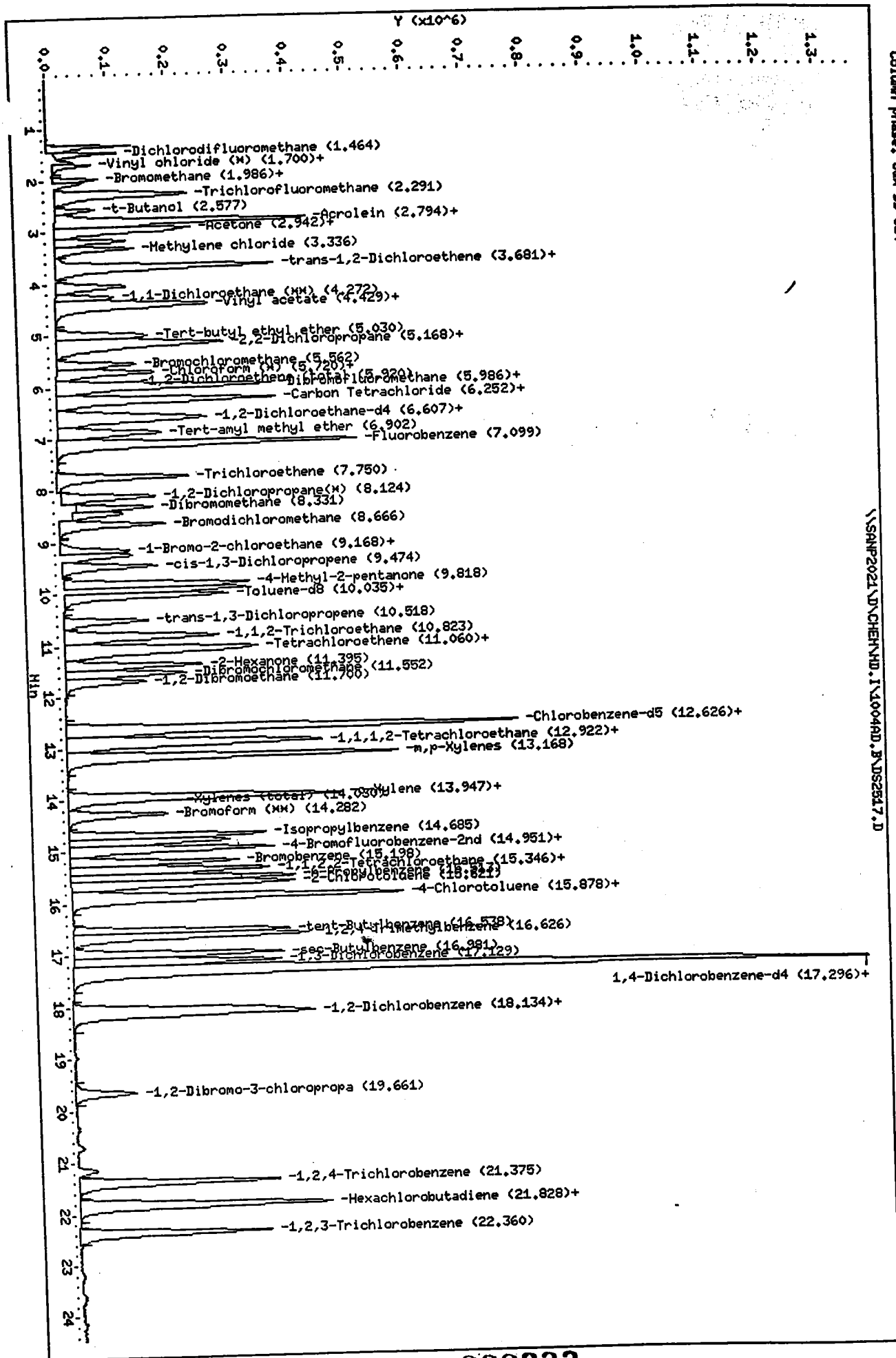
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.976	13.977	(1.107)	475476	20.0000	20.55
M	63 Xylenes (total)	100				907733	60.0000	63.23
	64 Bromoform (**)	173	14.282	14.282	(1.131)	313113	20.0000	22.17
	65 Isopropylbenzene	105	14.685	14.686	(1.163)	921074	20.0000	21.12
	66 4-Bromofluorobenzene-2nd	174	14.971	14.962	(0.867)	367930	20.0000	20.13
$	67 4-Bromofluorobenzene	95	14.951	14.962	(0.866)	491961	20.0000	18.61
	68 Bromobenzene	156	15.208	15.198	(0.881)	312021	20.0000	20.86
	69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	336407	20.0000	18.33
	70 1,2,3-Trichloropropane	110	15.365	15.366	(0.890)	109671	20.0000	18.91
	71 n-Propylbenzene	91	15.513	15.514	(0.898)	1012123	20.0000	19.84
	72 2-Chlorotoluene	126	15.621	15.622	(0.905)	235869	20.0000	20.35
	73 4-Chlorotoluene	126	15.858	15.849	(0.918)	242643	20.0000	20.23
	74 1,3,5-Trimethylbenzene	105	15.907	15.908	(0.921)	790973	20.0000	19.83
	75 tert-Butylbenzene	119	16.538	16.529	(0.958)	782917	20.0000	19.05
	76 1,2,4-Trimethylbenzene	105	16.636	16.637	(0.963)	799675	20.0000	19.74
	77 sec-Butylbenzene	105	16.981	16.972	(0.983)	1011785	20.0000	18.01
	78 1,3-Dichlorobenzene	146	17.129	17.139	(0.992)	522853	20.0000	20.49
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	958076	50.0000	(Q)
	80 1,4-Dichlorobenzene	146	17.316	17.317	(1.003)	582004	20.0000	21.24
	81 p-Isopropyltoluene	119	17.316	17.307	(1.003)	858120	20.0000	19.24
	82 1,2-Dichlorobenzene	146	18.055	18.046	(1.046)	510187	20.0000	20.91
	83 n-Butylbenzene	91	18.134	18.134	(1.050)	785365	20.0000	17.60
	84 1,2-Dibromo-3-chloropropane	157	19.661	19.681	(1.139)	108932	20.0000	17.94
	85 1,2,4-Trichlorobenzene	180	21.375	21.376	(1.238)	446750	20.0000	20.23
	86 Hexachlorobutadiene	225	21.799	21.809	(1.262)	229391	20.0000	13.58
	87 Napthalene	128	21.858	21.849	(1.266)	710724	20.0000	18.97
	88 1,2,3-Trichlorobenzene	180	22.370	22.371	(1.296)	426554	20.0000	20.59

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEN\MD.I\10040D.B\DS2517.D
Date : 04-OCT-2000 12:58
Client ID:
Sample Info: 20 PPB 8260B STD,,2,0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2518.D
Lab Smp Id: 100 PPB 8260B STD
Inj Date : 04-OCT-2000 13:30
Operator : GFB Inst ID: md.i
Smp Info : 100 PPB 8260B STD,,,4,0,,,8260BDA.M
Misc Info : 1242-2;1236-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 13:54 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	1182860	100.000	70.42
2 Vinyl chloride (*)	62	1.701	1.701	(0.240)	578280	100.000	63.88
3 Chloromethane (**)	50	1.632	1.632	(0.230)	479222	100.000	57.17
4 Bromomethane	94	1.967	1.977	(0.277)	563071	100.000	89.61
5 Chloroethane	64	2.075	2.065	(0.292)	370858	100.000	71.31
6 Trichlorofluoromethane	101	2.292	2.302	(0.323)	2108883	100.000	107.5
7 Acrolein	56	2.706	2.706	(0.381)	458196	1000.00	1838(AQ)
8 1,1-Dichloroethene(*)	96	2.795	2.795	(0.394)	795112	100.000	97.63
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.814	(0.395)	1400689	100.000	111.0
10 Acetone	43	2.883	2.873	(0.406)	840131	500.000	354.9
11 Iodomethane	142	2.942	2.942	(0.414)	3155298	200.000	202.3(A)
12 Carbon disulfide	76	3.002	3.011	(0.423)	1800512	100.000	81.40
13 Methylene chloride	84	3.336	3.326	(0.470)	804538	100.000	92.97
14 t-Butanol	59	2.578	2.578	(0.363)	505286	2500.00	2055

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.671	3.671	(0.517)	918791	100.000	95.81
	16 Acrylonitrile	53	3.671	3.662	(0.517)	1379992	1000.00	898.8(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.721	3.711	(0.524)	2257430	100.000	96.90
	18 1,1-Dichloroethane (**)	63	4.272	4.282	(0.602)	1554131	100.000	85.93
	19 Vinyl acetate	43	4.401	4.400	(0.620)	4206743	200.000	159.3(A)
	20 Isopropyl ether	45	4.450	4.440	(0.627)	2693254	100.000	75.66
	21 2,2-Dichloropropane	77	5.169	5.159	(0.728)	1700232	100.000	94.17
	22 Tert-butyl ethyl ether	59	5.021	5.011	(0.707)	2695756	100.000	86.73
	23 cis-1,2-Dichloroethene	96	5.189	5.179	(0.731)	959336	100.000	97.35
	24 2-Butanone	43	5.287	5.277	(0.745)	1484478	500.000	344.6
	25 Bromochloromethane	128	5.563	5.563	(0.784)	658187	100.000	108.2
	26 Chloroform (*)	83	5.731	5.731	(0.807)	2125474	100.000	99.17
	27 Tetrahydrofuran	42	5.691	5.671	(0.802)	194736	100.000	66.98(Q)
M	28 1,2-Dichloroethene (total)	100				1878127	200.000	193.2
$	29 Dibromofluoromethane	111	5.997	5.997	(0.845)	2029350	100.000	100.4
	30 1,1,1-Trichloroethane	97	5.987	5.977	(0.843)	2222790	100.000	103.8
	31 Carbon Tetrachloride	117	6.253	6.253	(0.881)	2132540	100.000	107.2
	32 1,1-Dichloropropene	75	6.263	6.263	(0.882)	1508103	100.000	85.32
$	33 1,2-Dichloroethane-d4	65	6.529	6.529	(0.920)	1374028	100.000	92.36
	34 1,2-Dichloroethane-d4 2nd	102	6.529	6.538	(0.920)	279989	100.000	88.17
	35 Benzene	78	6.598	6.598	(0.929)	2402162	100.000	86.98
	36 1,2-Dichloroethane	62	6.657	6.657	(0.938)	1592559	100.000	97.43
	37 Tert-amyl methyl ether	73	6.893	6.883	(0.971)	2632176	100.000	90.30
*	38 Fluorobenzene	96	7.100	7.100	(1.000)	1491260	50.0000	
	39 Trichloroethene	130	7.750	7.750	(1.092)	1351103	100.000	97.64
	40 1,2-Dichloropropane(*)	63	8.125	8.125	(1.144)	979235	100.000	81.84
	41 Dibromomethane	93	8.332	8.341	(1.173)	991088	100.000	98.62
	42 Bromodichloromethane	83	8.657	8.657	(1.219)	2153547	100.000	99.69
	43 1-Bromo-2-chloroethane	63	9.169	9.169	(1.291)	2426608	100.000	98.57
	44 2-Chloroethylvinyl ether	106	9.277	9.267	(1.307)	305260	200.000	191.0(AQ)
	45 cis-1,3-Dichloropropene	75	9.474	9.464	(1.334)	1613170	100.000	89.34
	46 4-Methyl-2-pentanone	43	9.819	9.819	(1.383)	4309220	500.000	362.8
$	47 Toluene-d8	98	9.928	9.928	(0.787)	2680028	100.000	93.41
	48 Toluene (*)	91	10.046	10.036	(0.796)	2989433	100.000	98.35
	49 trans-1,3-Dichloropropene	75	10.529	10.529	(0.834)	1477645	100.000	99.16
	50 1,1,2-Trichloroethane	97	10.854	10.844	(0.860)	1033450	100.000	103.4
	51 Tetrachloroethene	164	11.061	11.051	(0.877)	1368097	100.000	110.9
	52 1,3-Dichloropropane	76	11.130	11.129	(0.882)	1653540	100.000	98.08
	53 2-Hexanone	43	11.386	11.386	(0.902)	3177686	500.000	401.4
	54 Dibromochloromethane	129	11.553	11.543	(0.916)	1954323	100.000	115.8
	55 1,2-Dibromoethane	107	11.721	11.711	(0.929)	1645144	100.000	109.3
*	56 Chlorobenzene-d5	117	12.617	12.627	(1.000)	1294737	50.0000	
	57 Chlorobenzene (**)	112	12.676	12.676	(1.005)	2450446	100.000	102.8
	58 1,1,1,2-Tetrachloroethane	131	12.873	12.863	(1.020)	1525186	100.000	113.6
	59 Ethylbenzene (*)	106	12.933	12.942	(1.025)	1153745	100.000	100.2
	60 m,p-Xylenes	106	13.169	13.179	(1.044)	2802289	200.000	194.1
	61 o-Xylene	106	13.928	13.928	(1.104)	1378141	100.000	97.15

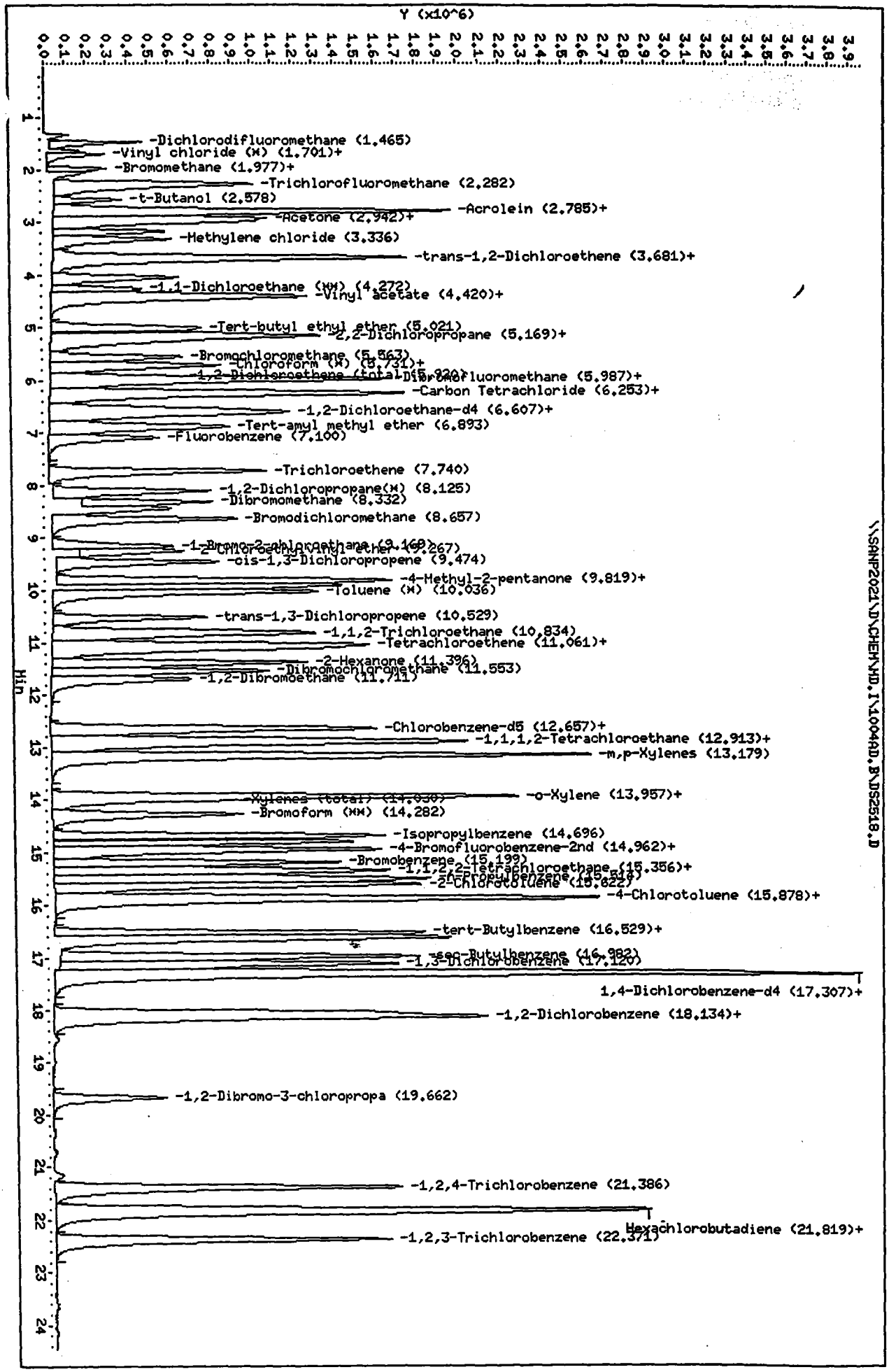
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.967	13.977	(1.107)	2345211	100.000	101.3
M	63 Xylenes (total)	100				4180431	300.000	291.2
	64 Bromoform (**)	173	14.282	14.282	(1.132)	1688328	100.000	119.5
	65 Isopropylbenzene	105	14.696	14.686	(1.165)	4394439	100.000	100.8
	66 4-Bromofluorobenzene-2nd	174	14.962	14.962	(0.866)	1677326	100.000	92.42
$	67 4-Bromofluorobenzene	95	14.952	14.962	(0.866)	2248466	100.000	85.66
	68 Bromobenzene	156	15.208	15.198	(0.881)	1512084	100.000	101.8
	69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	1676532	100.000	92.00
	70 1,2,3-Trichloropropane	110	15.366	15.366	(0.890)	570699	100.000	99.10
	71 n-Propylbenzene	91	15.524	15.514	(0.899)	4723061	100.000	93.24
	72 2-Chlorotoluene	126	15.632	15.622	(0.905)	1096359	100.000	95.27
	73 4-Chlorotoluene	126	15.859	15.849	(0.918)	1153822	100.000	96.87
	74 1,3,5-Trimethylbenzene	105	15.898	15.908	(0.921)	3725098	100.000	94.06
	75 tert-Butylbenzene	119	16.529	16.529	(0.957)	3864815	100.000	94.72
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	3782955	100.000	94.02
	77 sec-Butylbenzene	105	16.982	16.972	(0.983)	5114656	100.000	91.66
	78 1,3-Dichlorobenzene	146	17.130	17.139	(0.992)	2439319	100.000	96.27
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	951421	50.0000	
	80 1,4-Dichlorobenzene	146	17.317	17.317	(1.003)	2628748	100.000	96.61
	81 p-Isopropyltoluene	119	17.307	17.307	(1.002)	4172583	100.000	94.19
	82 1,2-Dichlorobenzene	146	18.046	18.046	(1.045)	2376905	100.000	98.10
	83 n-Butylbenzene	91	18.144	18.134	(1.051)	4068085	100.000	91.81
	84 1,2-Dibromo-3-chloropropane	157	19.662	19.681	(1.139)	627411	100.000	104.0
	85 1,2,4-Trichlorobenzene	180	21.376	21.376	(1.238)	2246956	100.000	102.5
	86 Hexachlorobutadiene	225	21.809	21.809	(1.263)	1887392	100.000	112.5
	87 Napthalene	128	21.849	21.849	(1.265)	3567639	100.000	95.89
	88 1,2,3-Trichlorobenzene	180	22.371	22.371	(1.296)	2066653	100.000	100.4

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2518.D
Date : 04-OCT-2000 13:30
Client ID:
Sample Info: 100 PPB 8260B STD,,,4,0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2519.D
Lab Smp Id: 400 PPB 8260B STD
Inj Date : 04-OCT-2000 14:02
Operator : GFB Inst ID: md.i
Smp Info : 400 PPB 8260B STD,,,5,0,,,8260BDA.M
Misc Info : 1242-2;1236-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 14:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.460	1.460	(0.205)	4427300	400.000	330.8
2 Vinyl chloride (*)	62	1.696	1.696	(0.238)	2165028	400.000	334.2
3 Chloromethane (**)	50	1.637	1.637	(0.230)	1773666	400.000	311.2
4 Bromomethane	94	1.972	1.972	(0.277)	1831634	400.000	277.9
5 Chloroethane	64	2.071	2.071	(0.291)	904548	400.000	216.1
6 Trichlorofluoromethane	101	2.317	2.317	(0.326)	4819682	400.000	224.4
7 Acrolein	56	2.731	2.731	(0.384)	1808424	4000.00	4506(A)
8 1,1-Dichloroethene(*)	96	2.780	2.780	(0.391)	2817859	400.000	333.7
9 1,1,2-Trichlorotrifluoroethan	151	2.780	2.780	(0.391)	4817468	400.000	341.8
10 Acetone	43	2.928	2.928	(0.412)	2627031	2000.00	1580
11 Iodomethane	142	2.938	2.938	(0.413)	10609244	800.000	652.0(A)
12 Carbon disulfide	76	2.987	2.987	(0.420)	6510057	400.000	344.7
13 Methylene chloride	84	3.342	3.342	(0.470)	3148490	400.000	367.0
14 t-Butanol	59	2.603	2.603	(0.366)	2217620	10000.0	10190(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.667	3.667	(0.515)	3389956	400.000	346.0
	16 Acrylonitrile	53	3.706	3.706	(0.521)	4580584	4000.00	3588(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.746	3.746	(0.526)	7998078	400.000	354.7
	18 1,1-Dichloroethane (**)	63	4.288	4.288	(0.603)	5963806	400.000	353.4
	19 Vinyl acetate	43	4.426	4.426	(0.622)	15041545	800.000	691.2(A)
	20 Isopropyl ether	45	4.475	4.475	(0.629)	9830728	400.000	336.8
	21 2,2-Dichloropropane	77	5.155	5.155	(0.724)	6348951	400.000	346.5
	22 Tert-butyl ethyl ether	59	5.046	5.046	(0.709)	10082779	400.000	361.2
	23 cis-1,2-Dichloroethene	96	5.194	5.194	(0.730)	3595693	400.000	361.7
	24 2-Butanone	43	5.302	5.302	(0.745)	4887068	2000.00	1698
	25 Bromochloromethane	128	5.578	5.578	(0.784)	2452050	400.000	373.8
	26 Chloroform (*)	83	5.756	5.756	(0.809)	7624737	400.000	347.3
	27 Tetrahydrofuran	42	5.716	5.716	(0.803)	626911	400.000	360.0
M	28 1,2-Dichloroethene (total)	100				6985650	800.000	707.8
$	29 Dibromofluoromethane	111	6.012	6.012	(0.845)	7086327	400.000	332.4
	30 1,1,1-Trichloroethane	97	5.982	5.982	(0.841)	8036048	400.000	351.4
	31 Carbon Tetrachloride	117	6.248	6.248	(0.878)	7678851	400.000	351.0
	32 1,1-Dichloropropene	75	6.268	6.268	(0.881)	5425363	400.000	333.1
$	33 1,2-Dichloroethane-d4	65	6.544	6.544	(0.920)	4930543	400.000	342.6
	35 Benzene	78	6.593	6.593	(0.927)	8671325	400.000	340.8
	36 1,2-Dichloroethane	62	6.672	6.672	(0.938)	5782627	400.000	361.0
	37 Tert-amyl methyl ether	73	6.908	6.908	(0.971)	9695149	400.000	366.1
*	38 Fluorobenzene	96	7.115	7.115	(1.000)	1499019	50.0000	
	39 Trichloroethene	130	7.756	7.756	(1.090)	5090253	400.000	363.3
	40 1,2-Dichloropropane(*)	63	8.140	8.140	(1.144)	3702276	400.000	357.0
	41 Dibromomethane	93	8.347	8.347	(1.173)	3573473	400.000	369.9
	42 Bromodichloromethane	83	8.662	8.662	(1.217)	8124657	400.000	378.4
	43 1-Bromo-2-chloroethane	63	9.184	9.184	(1.291)	9044102	400.000	382.6
	44 2-Chloroethylvinyl ether	106	9.293	9.293	(1.306)	1207448	800.000	917.6(A)
	45 cis-1,3-Dichloropropene	75	9.480	9.480	(1.332)	6143604	400.000	379.2
	46 4-Methyl-2-pentanone	43	9.844	9.844	(1.384)	13596112	2000.00	1743
$	47 Toluene-d8	98	9.953	9.953	(0.788)	9223539	400.000	312.5
	48 Toluene (*)	91	10.071	10.071	(0.797)	10893724	400.000	349.6
	49 trans-1,3-Dichloropropene	75	10.534	10.534	(0.834)	5700884	400.000	400.6(A)
	50 1,1,2-Trichloroethane	97	10.859	10.859	(0.860)	3753767	400.000	365.1
	51 Tetrachloroethene	164	11.066	11.066	(0.876)	4952743	400.000	350.0
	52 1,3-Dichloropropane	76	11.155	11.155	(0.883)	5662155	400.000	349.8
	53 2-Hexanone	43	11.411	11.411	(0.903)	10063033	2000.00	1788
	54 Dibromochloromethane	129	11.568	11.568	(0.916)	7186781	400.000	381.9
	55 1,2-Dibromoethane	107	11.726	11.726	(0.928)	5903928	400.000	379.2
*	56 Chlorobenzene-d5	117	12.632	12.632	(1.000)	1275234	50.0000	
	57 Chlorobenzene (**)	112	12.682	12.682	(1.004)	8861585	400.000	353.6
	58 1,1,1,2-Tetrachloroethane	131	12.879	12.879	(1.019)	5483825	400.000	362.0
	59 Ethylbenzene (*)	106	12.948	12.948	(1.025)	4047488	400.000	346.2
	60 m,p-Xylenes	106	13.184	13.184	(1.044)	9828874	800.000	669.1
	61 o-Xylene	106	13.943	13.943	(1.104)	4987983	400.000	351.5
	62 Styrene	104	13.992	13.992	(1.108)	8382608	400.000	355.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
M 63 Xylenes (total)	100				14816858	1200.00	1020
64 Bromoform (**)	173	14.297	14.297	(1.132)	6169596	400.000	406.4(A)
65 Isopropylbenzene	105	14.701	14.701	(1.164)	15328199	400.000	342.6
66 4-Bromofluorobenzene-2nd	174	14.977	14.977	(0.866)	5818130	400.000	335.6
$ 67 4-Bromofluorobenzene	95	14.967	14.967	(0.866)	7604911	400.000	328.6
68 Bromobenzene	156	15.224	15.224	(0.880)	5403998	400.000	373.6
69 1,1,2,2-Tetrachloroethane(**)	83	15.352	15.352	(0.888)	5541441	400.000	372.1
70 1,2,3-Trichloropropane	110	15.391	15.391	(0.890)	1885390	400.000	386.5
71 n-Propylbenzene	91	15.539	15.539	(0.899)	15496581	400.000	343.8
72 2-Chlorotoluene	126	15.647	15.647	(0.905)	3891382	400.000	357.2
73 4-Chlorotoluene	126	15.864	15.864	(0.917)	4118669	400.000	361.9
74 1,3,5-Trimethylbenzene	105	15.923	15.923	(0.921)	12521178	400.000	345.4
75 tert-Butylbenzene	119	16.544	16.544	(0.957)	13234421	400.000	353.4
76 1,2,4-Trimethylbenzene	105	16.652	16.652	(0.963)	12840754	400.000	348.1
77 sec-Butylbenzene	105	16.997	16.997	(0.983)	17391237	400.000	354.1
78 1,3-Dichlorobenzene	146	17.145	17.145	(0.991)	8551308	400.000	352.5
* 79 1,4-Dichlorobenzene-d4	152	17.293	17.293	(1.000)	870677	50.0000	
80 1,4-Dichlorobenzene	146	17.342	17.342	(1.003)	8902406	400.000	336.4
81 p-Isopropyltoluene	119	17.332	17.332	(1.002)	13639178	400.000	336.6
82 1,2-Dichlorobenzene	146	18.061	18.061	(1.044)	8268402	400.000	356.4
83 n-Butylbenzene	91	18.150	18.150	(1.050)	13741724	400.000	355.2
84 1,2-Dibromo-3-chloropropane	157	19.667	19.667	(1.137)	2222731	400.000	440.3(A)
85 1,2,4-Trichlorobenzene	180	21.381	21.381	(1.236)	7839974	400.000	365.9
86 Hexachlorobutadiene	225	21.815	21.815	(1.262)	6026143	400.000	372.4
87 Napthalene	128	21.864	21.864	(1.264)	11053243	400.000	340.9
88 1,2,3-Trichlorobenzene	180	22.376	22.376	(1.294)	7159560	400.000	358.0

QC Flag Legend

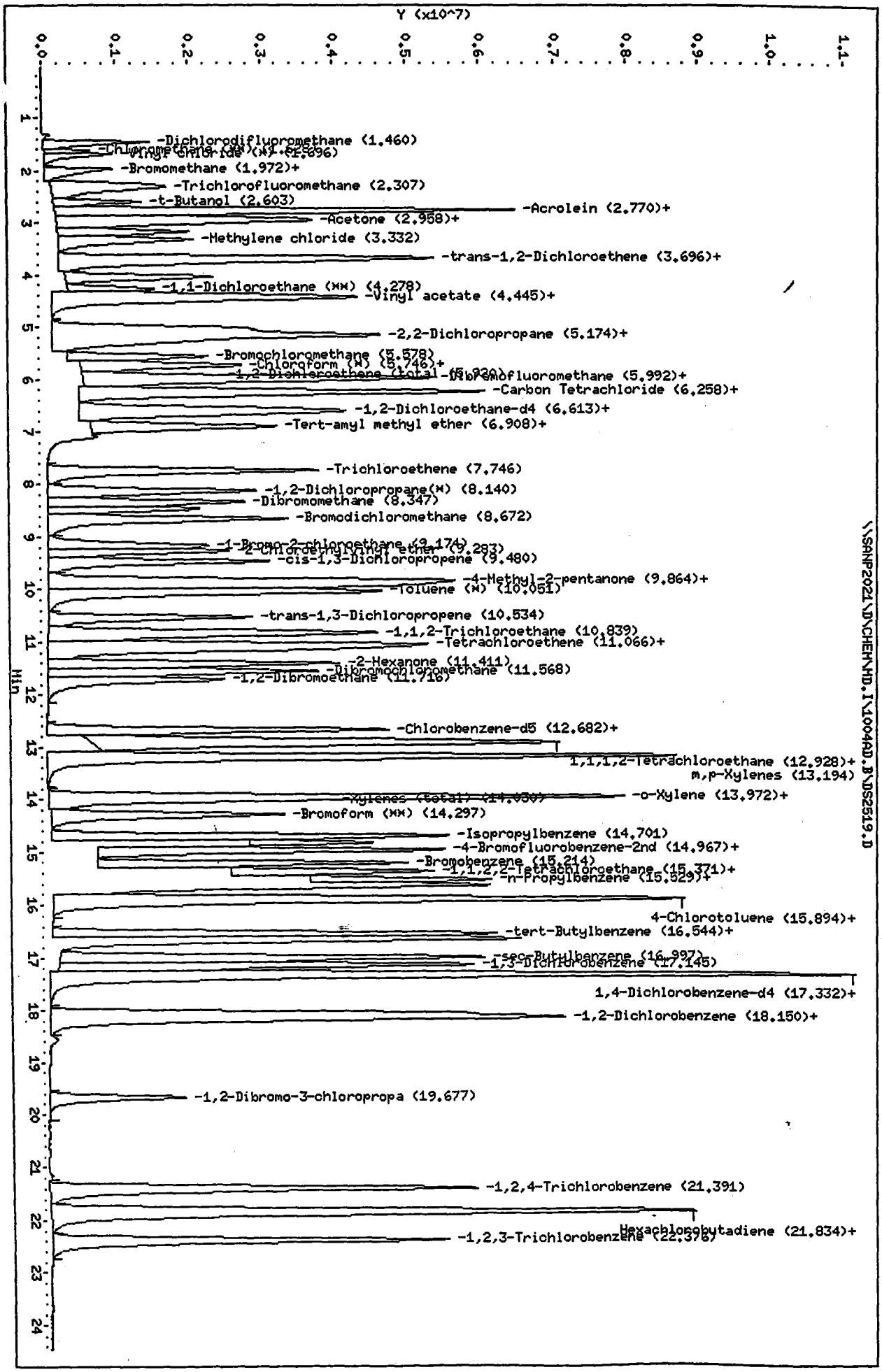
A - Target compound detected but, quantitated amount exceeded maximum amount.

BOE-C6 017087c

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2519.D
Date : 04-OCT-2000 14:02
Client ID:
Sample Info: 400 PPB 8260B STD,,,5,0,,,8260BDA.M

Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 101200

INSTRUMENT ID: MSG

SAMPLES: E030060329

FJK 10/20/00

Batch ID: _____

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☐ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSG	EM Set: 1706	Tune File: BFB	Seq File: 1012 AG
Init. Cal ID: 8260 BGS			Date: 10-12-00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
12:58	GFB	BT1350	50ng BFB	–	–	1ul	–	–	N			
13:05		51		–	–		–	–	N			
13:2		52		–	–		–	–	N			Changed Tune File
13:42		53		–	–		–	–	✓			1198-1
14:07		GS2264	5ppb 8260B STD	1	5	5g	1	111				1251-2, 53-2A, 50-2
14:43		65	5	2				120	✓			
15:18		66	20	3				117	✓			
15:53		67	50	4				118	✓			
16:28		68	100	5				119	✓			47-2
17:03		69	400	6				120	✓			
17:41		608958	MB 101200	7				95	✓			
18:16		59	2nd Src	8				120	✓			1153-1
18:51		60	MB 1012AG	9				119	✓			
19:27		61	DLHJE101	10				120				EQ1040183-2
20:13		62	DLHK7101	11				127	✓			-4
21:48		63	DM1131AA	12				116	✓			EQ1120162-1
22:23		64	DM12D1AA	13				116	✓			-2
22:59		65	DM12E1AA	14				116	✓			-3
23:34		66	DLHJE101	15				119	✓			EQ1040183-2
00:09		67	DLHJE102 S	16				120	✓			-2S 1153-1
00:44		68	DLHJE103 D	17				127	✓			-2D ~~Post Tune~~ OK

BOE-C6-0170879

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA78905

Lab File ID (Standard): GS2269 Date Analyzed: 10/12/00

Instrument ID: MG Time Analyzed: 1703

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1207003	7.09	780916	12.61	396098	17.23
	UPPER LIMIT	2414006	7.59	1561832	13.11	792196	17.73
	LOWER LIMIT	603502	6.59	390458	12.11	198049	16.73
	EPA SAMPLE NO.						
01	G08958	951162	7.08	837227	12.59	471131	17.25
02	G08958	1200623	7.09	846466	12.60	462170	17.24
03	G08960	1192677	7.10	860099	12.61	481253	17.23
04	G08962	1271756	7.09	873851	12.61	471074	17.24
05	G08963	1161932	7.09	825811	12.60	443751	17.25
06	G08964	1167773	7.09	835081	12.60	449973	17.24
07	G08965	1165583	7.08	834487	12.60	443884	17.24
08	G08966	1196673	7.09	848569	12.61	478506	17.24
09	G08967	1204740	7.09	895333	12.60	494862	17.23
10	G08968	1272742	7.08	885730	12.61	498024	17.24
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

2B
SOIL VOLATILE SURROGATE RECOVERY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA78905

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DCE) #	S2 (TOL) #	S3 #	OTHER #	TOT OUT
01	G08958	106	105	102	126	0
02	G08958	0*	0*	0*	0*	4
03	G08960	100	106	99	105	0
04	G08962	85	106	104	101	0
05	G08963	92	110	107	109	0
06	G08964	91	106	106	107	0
07	G08965	85	104	102	104	0
08	G08966	99	106	99	103	0
09	G08967	108	103	102	107	0
10	G08968	103	107	101	103	0
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
S1 (DCE)	= 1,2-Dichloroethane-d4	(60-140)
S2 (TOL)	= Toluene-d8	(70-130)
S3	= 4-Bromofluorobenzene	(70-130)
OTHER	= Dibromofluoromethane	(70-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

FORM II VOA-2 1/87 Rev.

Injection Log

Directory: d:\chem\mg.i\1012ag.b

Lin	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	gt1350.d	1.	50ng bfb,,,,,,bfb.M	1198-1,,,3,all.SUB	12 Oct 00 12:58
2	2	gt1351.d	1.	50ng bfb,,,,,,bfb.M	1198-1,,,3,all.SUB	12 Oct 00 13:05
3	3	gt1352.d	1.	50ng bfb,,,,,,bfb.M	1198-1,,,3,all.SUB	12 Oct 00 13:21
4	4	gt1353.d	1.	50ng bfb,,,,,,bfb.M	1198-1,,,3,all.SUB	12 Oct 00 13:42
5	1	gs2264.d	1.	5 PPB 8260B,,,1,0,,,8260BGS.M	1251-2;53-2A;50-2,,5,,1,1-8260B.SUB	12 Oct 00 14:07
6	2	gs2265.d	1.	5 PPB 8260B,,,1,0,,,8260BGS.M	1251-2;53-2A;50-2,,5,,1,1-8260B.SUB	12 Oct 00 14:43
7	3	gs2266.d	1.	20 PPB 8260B,,,2,0,,,8260BGS.M	1251-2;53-2A;50-2,,5,,1,1-8260B.SUB	12 Oct 00 15:18
8	4	gs2267.d	1.	50 PPB 8260B,,,3,0,,,8260BGS.M	1251-2;53-2A;50-2,,5,,1,1-8260B.SUB	12 Oct 00 15:53
9	5	gs2268.d	1.	100 PPB 8260B,,,4,0,,,8260BGS.M	1251-2;53-2A;47-2,,5,,1,1-8260B.SUB	12 Oct 00 16:28
10	6	gs2269.d	1.	400 PPB 8260B,,,5,0,,,8260BGS.M	1251-2;53-2A;47-2,,5,,1,1-8260B.SUB	12 Oct 00 17:03
11	7	g08958.d	1.	MB-101200,BLANK,2,,0,1,0,8260BGS.M,G089	,,5,,3,1-8260B.SUB	12 Oct 00 17:41
12	8	g08959.d	1.	2ndSrc,,,3,0,1,0,8260BGS.M,G08958	1153-1,,5,,2,1-8260B.SUB	12 Oct 00 18:16
13	9	g08960.d	1.	MB-1012AG,BLANK,2,,0,1,0,8260BGS.M,G089	,,5,,3,1-8260B.SUB	12 Oct 00 18:51
14	10	g08961.d	1.	DLHJE101,,2,,0,1,0,8260BGS.M,G08961	E0J040183-2,,5,,0,1-8260B.SUB	12 Oct 00 19:37
15	12	g08962.d	1.	DLHK7101,,2,,0,1,0,8260BGS.M,G08962	183-4,,5,,0,1-8260B.SUB	12 Oct 00 21:13
16	13	g08963.d	1.	DM1131AA,,2,,0,1,0,8260BGS.M,G08963	E0J120162-1,,5,,0,1-8260B.SUB	12 Oct 00 21:48
17	14	g08964.d	1.	DM12D1AA,,2,,0,1,0,8260BGS.M,G08964	162-2,,5,,0,1-8260B.SUB	12 Oct 00 22:23
18	15	g08965.d	1.	DM12E1AA,,2,,0,1,0,8260BGS.M,G08965	162-3,,5,,0,1-8260B.SUB	12 Oct 00 22:59
19	16	g08966.d	1.	DLHJE101,,2,,0,1,0,8260BGS.M,G08966	E0J040183-2,,5,,0,1-8260B.SUB	12 Oct 00 23:34
20	17	g08967.d	1.	DLHJE102,MS,2,,0,1,0,8260BGS.M,G08967	183-2S,,5,,3,SPK.SUB,SH.SPK	13 Oct 00 00:09
21	18	g08968.d	1.	DLHJE103,MSD,2,,0,1,0,8260BGS.M,G08968	183-2D,,5,,3,SPK.SUB,SH.SPK	13 Oct 00 00:44

Data File: \\SANP2008\D\CHEM\MG.I\1012AG.B\GT1353.D

Date : 12-OCT-2000 13:42

Client ID:

Instrument: mg.i

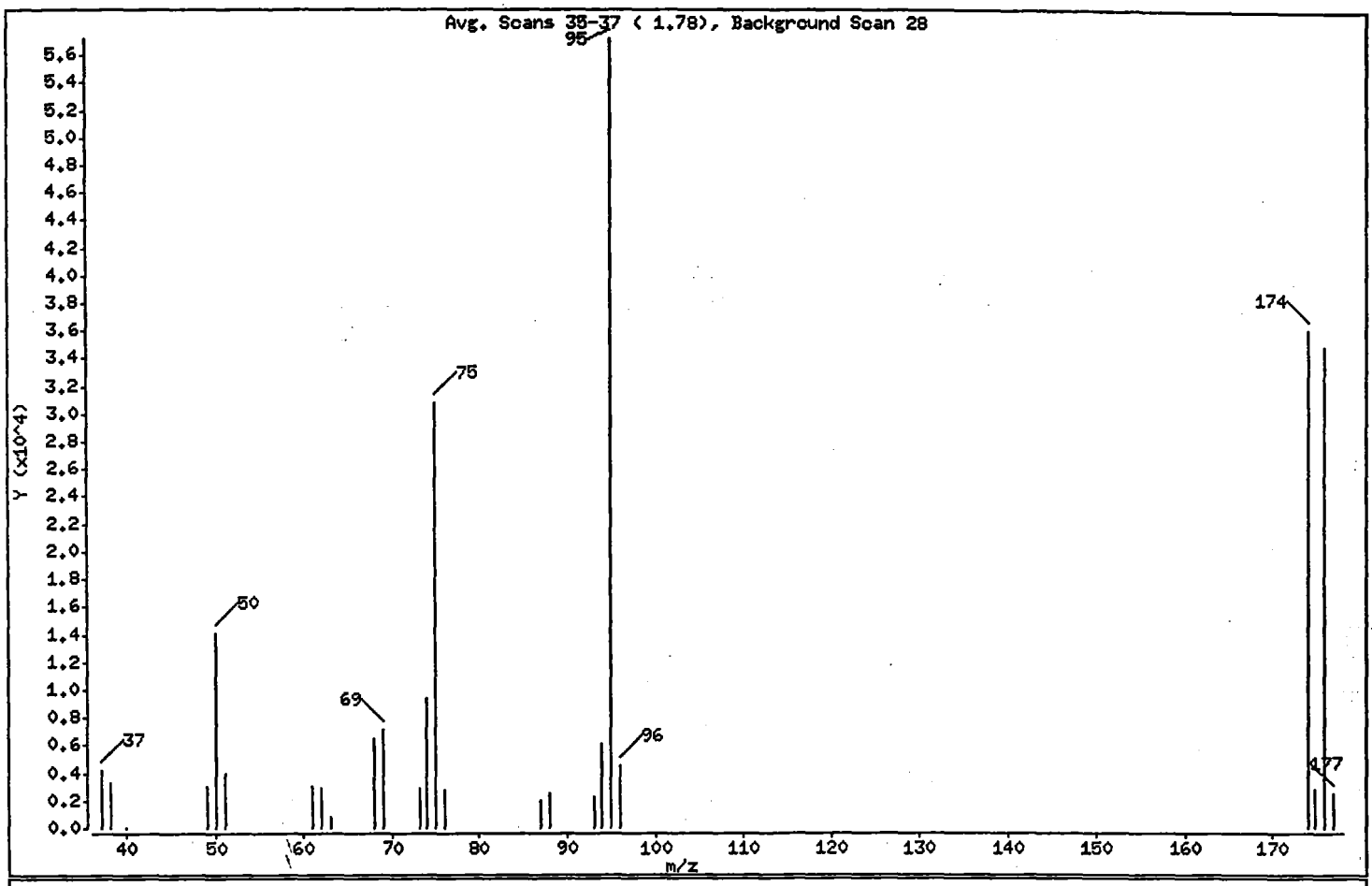
Sample Info: 50ng bfb,,,,,,bfb.M

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	24.49
75	30.00 - 60.00% of mass 95	53.88
96	5.00 - 9.00% of mass 95	7.90
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	62.95
175	5.00 - 9.00% of mass 174	4.79 (7.61)
176	95.00 - 101.00% of mass 174	61.02 (96.94)
177	5.00 - 9.00% of mass 176	4.27 (6.99)

GFB 10/16/00

10-16-00

STL Los Angeles

Data file : \\SANP2008\D\CHEM\MG.I\1012AG.B\GT1353.D
Lab Smp Id:
Inj Date : 12-OCT-2000 13:42
Operator : GFB Inst ID: mg.i
Smp Info : 50ng bfb,,,,,,bfb.M
Misc Info : 1198-1,,,3,all.SUB
Comment :
Method : \\SANP2008\D\CHEM\MG.I\1012AG.B\BFB.M
Meth Date : 23-May-2000 08:19 gradyc Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2008

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 Bromofluorobenzene						CAS #: 460-00-4		
1.7766	1.8000	(0.000)	95	57200			0.00- 100.00	100.00
1.7766	1.8000	(0.000)	50	14011			15.00- 40.00	24.49
1.7766	1.8000	(0.000)	75	30818			30.00- 60.00	53.88
1.7766	1.8000	(0.000)	96	4519			5.00- 9.00	7.90
1.7766	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7766	1.8000	(0.000)	174	36008			50.00- 0.00	62.95
1.7766	1.8000	(0.000)	175	2740			5.00- 9.00	7.61
1.7766	1.8000	(0.000)	176	34906			95.00- 101.00	96.94
1.7766	1.8000	(0.000)	177	2440			5.00- 9.00	6.99

Data File: \\SANP2008\D\CHEM\MG.I\1012AG.B\GT1353.D

Date : 12-OCT-2000 13:42

Client ID:

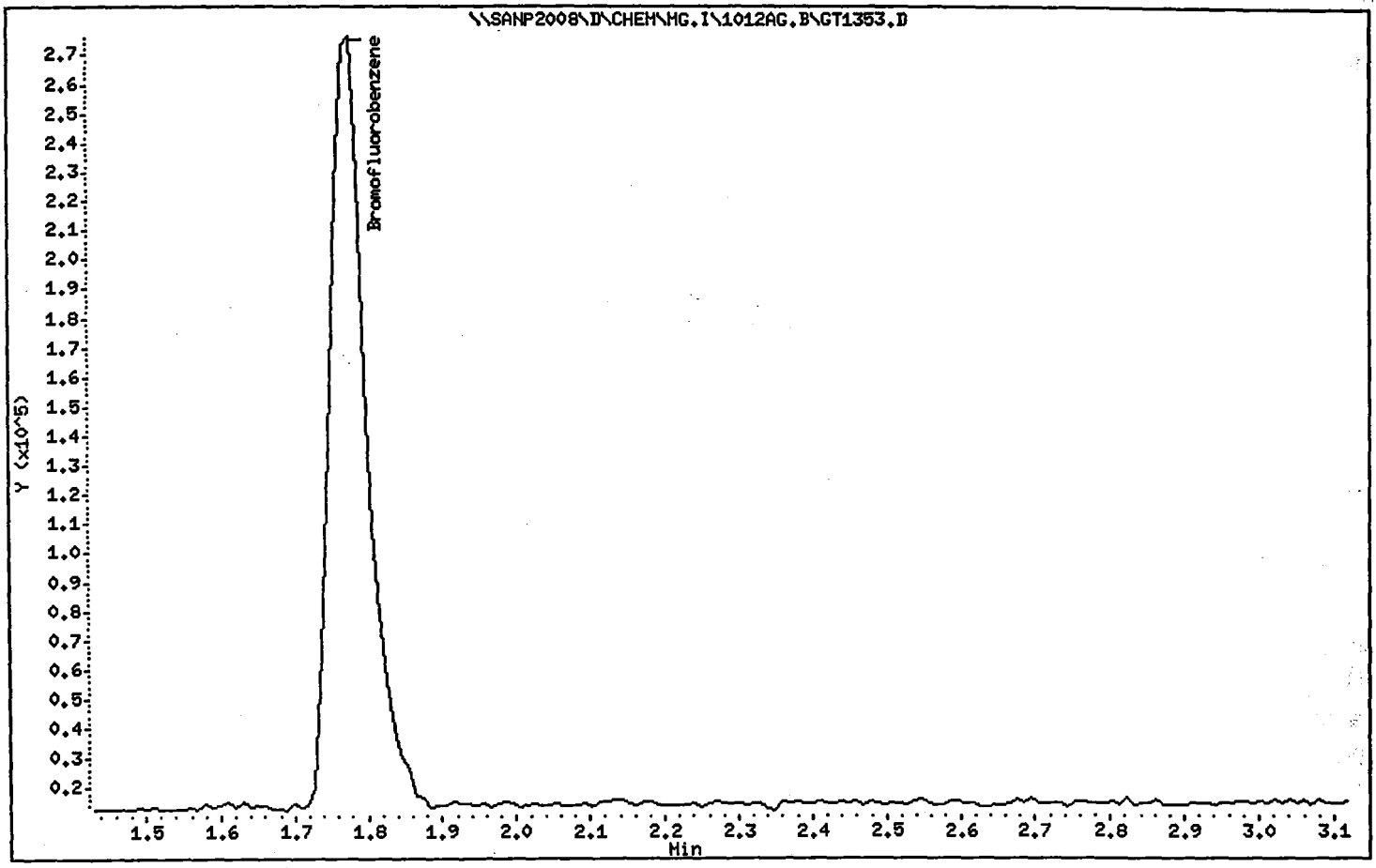
Instrument: mg.i

Sample Info: 50ng bfb,,,,,,bfb.M

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2008\D\CHEM\MG.I\1012AG.B\GT1353.D

Date : 12-OCT-2000 13:42

Client ID:

Instrument: mg.i

Sample Info: 50ng bfb,,,,,,bfb.M

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: GT1353.D
Spectrum: Avg. Scans 35-37 (1.78), Background Scan 28
Location of Maximum: 95.00
Number of points: 25

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	4256	62.00	2902	76.00	2697	174.00	36008
38.00	3251	63.00	754	87.00	1969	175.00	2740
40.00	57	68.00	6434	88.00	2540	176.00	34904
49.00	3056	69.00	7153	93.00	2207	177.00	2440
50.00	14011	73.00	2834	94.00	6000		
51.00	3966	74.00	9396	95.00	57200		
61.00	3083	75.00	30816	96.00	4519		

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 12-OCT-2000 14:43
End Cal Date : 12-OCT-2000 17:03
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.M
Cal Date : 16-Oct-2000 09:42 beckmang
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2008\D\chem\mg.i\1012AG.B\GS2265.D
Level 2: \\SANP2008\D\chem\mg.i\1012AG.B\GS2266.D
Level 3: \\SANP2008\D\chem\mg.i\1012AG.B\GS2267.D
Level 4: \\SANP2008\D\chem\mg.i\1012AG.B\GS2268.D
Level 5: \\SANP2008\D\chem\mg.i\1012AG.B\GS2269.D

GBB 10/16/00

Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD	
1 Dichlorodifluoromethane	0.26237	0.25465	0.25133	0.24392	0.23890	0.25023	3.664	
2 Vinyl chloride (*)	0.26076	0.26065	0.25896	0.25919	0.24883	0.25768	1.946	
3 Chloromethane (**)	0.24076	0.25864	0.25148	0.24886	0.24382	0.24871	2.797	
4 Bromomethane	0.18831	0.13249	0.10387	0.10170	0.08794	0.12286	32.568	<-
5 Chloroethane	0.15832	0.14860	0.09777	0.07585	0.05388	0.10688	42.470	<-
6 Trichlorofluoromethane	0.57060	0.51243	0.50356	0.48461	0.17424	0.44909	34.952	<-
7 Acrolein	0.02841	0.02887	0.02718	0.02982	0.02246	0.02735	10.574	
8 1,1-Dichloroethene(*)	0.23424	0.22332	0.22653	0.21964	0.18394	0.21753	8.980	
9 1,1,2-Trichlorotrifluoroethan	0.31683	0.31777	0.31308	0.30524	0.25837	0.30226	8.279	
10 Acetone	0.11163	0.08909	0.07959	0.08585	0.06552	0.08634	19.438	
11 Iodomethane	0.26396	0.37597	0.40279	0.39718	0.33795	0.35557	16.083	
12 Carbon disulfide	0.89281	0.76710	0.72991	0.71033	0.60070	0.74017	14.246	
13 Methylene chloride	0.26518	0.29338	0.28483	0.28196	0.25681	0.27643	5.426	
14 t-Butanol	0.00705	0.00790	0.00735	0.00850	0.00653	0.00747	10.159	
15 trans-1,2-Dichloroethene	0.26224	0.27835	0.27823	0.26968	0.24652	0.26700	4.969	
16 Acrylonitrile	0.08452	0.08497	0.07708	0.08310	0.06464	0.07886	10.845	
17 Methyl-tert-butyl ether[MTBE]	0.90973	0.84508	0.78478	0.79976	0.67753	0.80338	10.643	
18 1,1-Dichloroethane (**)	0.69579	0.64662	0.63536	0.63569	0.58086	0.63886	6.401	
19 Vinyl acetate	1.22651	1.12344	1.03880	1.06955	0.86721	1.06510	12.360	
20 Isopropyl ether	1.60784	1.49236	1.38925	1.39720	1.20393	1.41811	10.498	
21 2,2-Dichloropropane	0.61134	0.57286	0.54846	0.53666	0.46697	0.54726	9.722	
22 Tert-butyl ethyl ether	1.25190	1.20433	1.15712	1.17259	1.03471	1.16413	6.951	
23 cis-1,2-Dichloroethene	0.30229	0.31921	0.31114	0.31043	0.27779	0.30417	5.234	
24 2-Butanone	0.22211	0.19051	0.16893	0.17891	0.14884	0.18186	14.961	
25 Bromochloromethane	0.13722	0.17060	0.17657	0.17558	0.16070	0.16414	9.934	
26 Chloroform (*)	0.72997	0.68253	0.67014	0.65456	0.59719	0.66688	7.209	

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 12-OCT-2000 14:43
End Cal Date : 12-OCT-2000 17:03
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.M
Cal Date : 16-Oct-2000 09:42 beckmang
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD	
	27 Tetrahydrofuran	0.16459	0.12875	0.12063	0.13281	0.10340	0.13003	17.201	
M	28 1,2-Dichloroethene (total)	0.28227	0.29878	0.29468	0.29006	0.26215	0.28559	5.065	
	30 1,1,1-Trichloroethane	0.58304	0.55330	0.54602	0.53402	0.48123	0.53952	6.906	
	31 Carbon Tetrachloride	0.49253	0.52674	0.48937	0.48020	0.43088	0.48394	7.131	
	32 1,1-Dichloropropene	0.57760	0.56809	0.51258	0.49155	0.43106	0.51618	11.596	
	34 1,2-Dichloroethane-d4 2nd	+++++	0.07659	0.08389	0.08350	0.06884	0.07820	9.062	<-
	35 Benzene	1.07699	1.00474	0.98582	0.93723	0.72469	0.94589	14.110	
	36 1,2-Dichloroethane	0.55387	0.52543	0.52354	0.51429	0.41532	0.50649	10.478	
	37 Tert-amyl methyl ether	1.13364	1.04213	1.01700	1.02333	0.90888	1.02500	7.812	
	39 Trichloroethene	0.37852	0.37262	0.37166	0.37397	0.33251	0.36586	5.146	
	40 1,2-Dichloropropane (*)	0.50568	0.48867	0.46947	0.47572	0.41373	0.47065	7.375	
	41 Dibromomethane	0.35387	0.34717	0.34834	0.35082	0.28602	0.33725	8.525	
	42 Bromodichloromethane	0.78713	0.74274	0.74187	0.73417	0.63075	0.72733	7.957	
	43 1-Bromo-2-chloroethane	0.93169	0.85550	0.84541	1.28330	0.72854	0.92889	22.717	
	44 2-Chloroethylvinyl ether	0.01217	0.04865	0.05361	0.05612	0.05034	0.04418	41.030	<-
	45 cis-1,3-Dichloropropene	0.67271	0.63305	0.63606	0.63137	0.55141	0.62492	7.120	
	46 4-Methyl-2-pentanone	0.57685	0.49898	0.47012	0.48894	0.35619	0.47822	16.608	
	48 Toluene (*)	1.69403	1.52090	1.49668	1.45541	1.36573	1.50655	7.986	
	49 trans-1,3-Dichloropropene	0.77062	0.76975	0.77518	0.76638	0.74379	0.76514	1.613	
	50 1,1,2-Trichloroethane	0.52761	0.50173	0.50311	0.49282	0.45497	0.49605	5.310	
	51 Tetrachloroethene	0.46097	0.46437	0.45511	0.44965	0.42211	0.45044	3.732	
	52 1,3-Dichloropropane	0.98311	0.94169	0.90719	0.89207	0.81139	0.90709	7.050	
	53 2-Hexanone	0.58069	0.50953	0.46844	0.49850	0.40015	0.49146	13.345	
	54 Dibromochloromethane	0.79864	0.81626	0.79367	0.77673	0.71534	0.78013	4.981	
	55 1,2-Dibromoethane	0.71456	0.72662	0.70391	0.70844	0.63423	0.69755	5.220	
	57 Chlorobenzene (**)	1.10052	1.07191	1.05034	1.01483	0.93685	1.03489	6.098	
	58 1,1,1,2-Tetrachloroethane	0.57171	0.57775	0.56495	0.55167	0.50421	0.55406	5.325	
	59 Ethylbenzene (*)	0.55974	0.52962	0.52465	0.50896	0.44161	0.51292	8.559	
	60 m,p-Xylenes	0.70898	0.64848	0.63338	0.60481	0.51819	0.62277	11.202	
	61 o-Xylene	0.63978	0.64400	0.63112	0.59759	0.53483	0.60946	7.470	
	62 Styrene	1.10263	1.06494	1.06153	1.00755	0.90500	1.02833	7.470	
M	63 Xylenes (total)	0.68592	0.64699	0.63263	0.60240	0.52374	0.61833	9.836	
	64 Bromoform (**)	0.57855	0.60864	0.60382	0.58487	0.54171	0.58352	4.549	

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 12-OCT-2000 14:43
End Cal Date : 12-OCT-2000 17:03
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.M
Cal Date : 16-Oct-2000 09:42 beckmang
Curve Type : Average

Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
65 Isopropylbenzene	2.12120	1.90059	1.87307	1.79239	1.60455	1.85836	10.062
66 4-Bromofluorobenzene-2nd	0.93577	0.95068	0.90343	0.91781	0.88912	0.91936	2.676
68 Bromobenzene	0.91915	0.98784	0.95217	0.96222	0.91479	0.94723	3.227
69 1,1,2,2-Tetrachloroethane(**)	1.88188	1.76510	1.66441	1.65898	1.47113	1.68830	8.981
70 1,2,3-Trichloropropane	0.33501	0.40344	0.39031	0.41466	0.36822	0.38233	8.264
71 n-Propylbenzene	4.80925	4.65756	4.38697	4.10087	3.85800	4.36253	8.953
72 2-Chlorotoluene	0.77735	0.78088	0.78001	0.77540	0.71453	0.76563	3.742
73 4-Chlorotoluene	0.69829	0.79325	0.77887	0.76834	0.71306	0.75036	5.606
74 1,3,5-Trimethylbenzene	3.16690	2.93167	2.81983	2.77512	2.40461	2.81963	9.831
75 tert-Butylbenzene	3.05093	2.87237	2.79632	2.71659	2.49149	2.78554	7.386
76 1,2,4-Trimethylbenzene	3.15464	2.94054	2.85476	2.76868	2.54759	2.85324	7.818
77 sec-Butylbenzene	4.44294	4.07050	4.00032	3.84567	3.50061	3.97201	8.634
78 1,3-Dichlorobenzene	1.82111	1.66732	1.60990	1.56754	1.48142	1.62946	7.781
80 1,4-Dichlorobenzene	1.85822	1.72787	1.66915	1.58203	1.43870	1.65520	9.501
81 p-Isopropyltoluene	3.38809	3.08755	3.00564	2.87491	2.49625	2.97049	10.952
82 1,2-Dichlorobenzene	1.62857	1.61549	1.56628	1.52045	1.41559	1.54928	5.559
83 n-Butylbenzene	3.74429	3.40896	3.32270	3.22307	2.91466	3.32274	9.049
84 1,2-Dibromo-3-chloropropane	0.35151	0.40915	0.40558	0.45299	0.42042	0.40793	8.988
85 1,2,4-Trichlorobenzene	1.17747	1.20091	1.16524	1.21335	1.19222	1.18983	1.594
86 Hexachlorobutadiene	0.81331	0.89415	0.84811	0.85104	0.75829	0.83298	6.081
87 Napthalene	2.08283	2.25278	2.31258	2.44271	2.13595	2.24537	6.373
88 1,2,3-Trichlorobenzene	1.14038	1.15413	1.11607	1.16725	1.11169	1.13790	2.105
$ 29 Dibromofluoromethane	0.55689	0.52692	0.51675	0.51099	0.47135	0.51658	5.974
$ 33 1,2-Dichloroethane-d4	0.44216	0.45968	0.43816	0.42476	0.35828	0.42461	9.213
$ 47 Toluene-d8	1.31791	1.25920	1.20094	1.18431	1.06818	1.20611	7.738
$ 67 4-Bromofluorobenzene	1.85617	1.77339	1.67349	1.67119	1.54190	1.70323	6.963

Data File: \\SANP2008\D\chem\mg.i\1012AG.B/GS2269.D
Report Date: 10/16/2000

INITIAL CALIBRATION REPORT

Instrument ID: mg.i
Lab File ID: GS2269.D
Analysis Type: SOIL

Injection Date: 12-OCT-2000 17:03
Lab Sample ID: 400 PPB 8260B
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.

COMPOUND	%RSD
Dichlorodifluoromethane	3.7
Vinyl chloride (*)	1.9
Chloromethane (**)	2.8
Bromomethane	32.6
Chloroethane	42.5
Trichlorofluoromethane	35.0
Acrolein	10.6
1,1-Dichloroethene(*)	9.0
1,1,2-Trichlorotrifluoroethan	8.3
Iodomethane	16.1
Acetone	19.4
Carbon disulfide	14.2
Methylene chloride	5.4
trans-1,2-Dichloroethene	5.0
Acrylontrile	5.0
t-Butanol	10.2
Methyl-tert-butyl ether[MTBE]	10.6
1,1-Dichloroethane (**)	6.4
Vinyl acetate	12.4
Isopropyl ether	10.5
Tert-butyl ethyl ether	7.0
2,2-Dichloropropane	9.7
cis-1,2-Dichloroethene	5.2
2-Butanone	15.0
Bromochloromethane	9.9
Tetrahydrofuran	17.2
Chloroform (*)	7.2
1,2-Dichloroethene (total)	5.1
1,1,1-Trichloroethane	6.9
Dibromofluoromethane	6.0
Carbon Tetrachloride	7.1
1,1-Dichloropropene	11.6
1,2-Dichloroethane-d4	9.2
1,2-Dichloroethane-d4 2nd	9.1
Benzene	14.1
1,2-Dichloroethane	10.5
Tert-amyl methyl ether	7.8
Trichloroethene	5.1
1,2-Dichloropropane(*)	7.4

Data File: \\SANP2008\D\chem\mg.i\1012AG.B/GS2269.D
Report Date: 10/16/2000

INITIAL CALIBRATION REPORT

Instrument ID: mg.i
Lab File ID: GS2269.D
Analysis Type: SOIL

Injection Date: 12-OCT-2000 17:03
Lab Sample ID: 400 PPB 8260B
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8

COMPOUND	%RSD
Dibromomethane	8.5
Bromodichloromethane	8.0
1-Bromo-2-chloroethane	22.7
2-Chloroethylvinyl ether	41.0
cis-1,3-Dichloropropene	7.1
4-Methyl-2-pentanone	16.6
Toluene-d8	7.7
Toluene (*)	8.0
trans-1,3-Dichloropropene	1.6
1,1,2-Trichloroethane	5.3
Tetrachloroethene	3.7
1,3-Dichloropropane	7.1
2-Hexanone	13.3
Dibromochloromethane	5.0
1,2-Dibromoethane	5.2
Chlorobenzene (**)	6.1
1,1,1,2-Tetrachloroethane	5.3
Ethylbenzene (*)	8.6
m,p-Xylenes	11.2
o-Xylene	7.5
Styrene	7.5
Xylenes (total)	9.8
Bromoform (**)	4.5
Isopropylbenzene	10.1
4-Bromofluorobenzene-2nd	2.7
4-Bromofluorobenzene	7.0
Bromobenzene	3.2
1,1,2,2-Tetrachloroethane(**)	9.0
1,2,3-Trichloropropane	8.3
n-Propylbenzene	9.0
2-Chlorotoluene	3.7
4-Chlorotoluene	5.6
1,3,5-Trimethylbenzene	9.8
tert-Butylbenzene	7.4
1,2,4-Trimethylbenzene	7.8
sec-Butylbenzene	8.6
1,3-Dichlorobenzene	7.8
p-Isopropyltoluene	11.0
1,4-Dichlorobenzene	9.5

Data File: \\SANP2008\D\chem\mg.i\1012AG.B/GS2269.D
Report Date: 10/16/2000

INITIAL CALIBRATION REPORT

Instrument ID: mg.i
Lab File ID: GS2269.D
Analysis Type: SOIL

Injection Date: 12-OCT-2000 17:03
Lab Sample ID: 400 PPB 8260B
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8

COMPOUND	%RSD
1,2-Dichlorobenzene	5.6
n-Butylbenzene	9.0
1,2-Dibromo-3-chloropropane	9.0
1,2,4-Trichlorobenzene	1.6
Hexachlorobutadiene	6.1
Napthalene	6.4
1,2,3-Trichlorobenzene	2.1

The average of all %RSD's in the initial calibration is 9.6

BFB 10/16/00
10-16-00

000356

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: GS2265.D
Lab Smp Id: 5 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Misc Info: 1251-2;53-2A;50-2,,5,,1,1-8260B.SUB

Calibration Date: 12-OCT-2000
Calibration Time: 15:53

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1182775	591388	2365550	1202337	1.65
56 Chlorobenzene-d5	838648	419324	1677296	855125	1.96
79 1,4-Dichlorobenze	461426	230713	922852	478910	3.79

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.08	-0.10
56 Chlorobenzene-d5	12.60	12.10	13.10	12.61	0.02
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.25	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: GS2266.D
Lab Smp Id: 20 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Misc Info: 1251-2;53-2A;50-2,,5,,1,1-8260B.SUB

Calibration Date: 12-OCT-2000
Calibration Time: 15:53

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1182775	591388	2365550	1173318	-0.80
56 Chlorobenzene-d5	838648	419324	1677296	813040	-3.05
79 1,4-Dichlorobenze	461426	230713	922852	449667	-2.55

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	0.03
56 Chlorobenzene-d5	12.60	12.10	13.10	12.61	0.02
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.23	-0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: GS2267.D
Lab Smp Id: 50 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Misc Info: 1251-2;53-2A;50-2,,5,,2,1-8260B.SUB

Calibration Date: 12-OCT-2000
Calibration Time: 18:16

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1200623	600312	2401246	1182775	-1.49
56 Chlorobenzene-d5	846466	423233	1692932	838648	-0.92
79 1,4-Dichlorobenze	462170	231085	924340	461426	-0.16

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	-0.01
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	-0.01
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.24	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: GS2267.D
Lab Smp Id: 50 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Misc Info: 1251-2;53-2A;50-2,,5,,2,1-8260B.SUB

Calibration Date: 12-OCT-2000
Calibration Time: 15:53

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1182775	591388	2365550	1182775	0.00
56 Chlorobenzene-d5	838648	419324	1677296	838648	0.00
79 1,4-Dichlorobenze	461426	230713	922852	461426	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	0.00
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	0.00
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.24	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: GS2268.D
Lab Smp Id: 100 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Misc Info: 1251-2;53-2A;47-2,,5,,1,1-8260B.SUB

Calibration Date: 12-OCT-2000
Calibration Time: 15:53

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1182775	591388	2365550	1199149	1.38
56 Chlorobenzene-d5	838648	419324	1677296	843872	0.62
79 1,4-Dichlorobenze	461426	230713	922852	450961	-2.27

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	-0.06
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	-0.03
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.23	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: GS2269.D
Lab Smp Id: 400 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Misc Info: 1251-2;53-2A;47-2,,5,,1,1-8260B.SUB

Calibration Date: 12-OCT-2000
Calibration Time: 15:53

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1182775	591388	2365550	1207003	2.05
56 Chlorobenzene-d5	838648	419324	1677296	780916	-6.88
79 1,4-Dichlorobenze	461426	230713	922852	396098	-14.16

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	-0.06
56 Chlorobenzene-d5	12.60	12.10	13.10	12.61	0.05
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.23	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\chem\mg.i\1012AG.B\GS2265.D
Lab Smp Id: 5 PPB 8260B
Inj Date : 12-OCT-2000 14:43
Operator : GFB Inst ID: mg.i
Smp Info : 5 PPB 8260B,,,1,0,,,8260BGS.M
Misc Info : 1251-2;53-2A;50-2,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Meth Date : 16-Oct-2000 11:04 beckmang Quant Type: ISTD
Cal Date : 12-OCT-2000 14:43 Cal File: GS2265.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2008

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.494	1.508	(0.211)	31546	5.00000	5.24
3 Chloromethane (**)	50	1.711	1.774	(0.242)	28947	5.00000	4.84(a)
2 Vinyl chloride (*)	62	1.731	1.734	(0.244)	31352	5.00000	5.06
4 Bromomethane	94	2.007	2.001	(0.283)	22641	5.00000	7.66
5 Chloroethane	64	2.086	2.070	(0.294)	19036	5.00000	7.41
6 Trichlorofluoromethane	101	2.322	2.286	(0.328)	68605	5.00000	6.35
7 Acrolein	56	2.727	2.769	(0.385)	34162	50.0000	52.01
8 1,1-Dichloroethene(*)	96	2.825	2.799	(0.399)	28163	5.00000	5.38
9 1,1,2-Trichlorotrifluoroethan	151	2.825	2.799	(0.399)	38094	5.00000	5.24
10 Acetone	43	2.914	2.977	(0.411)	67111	25.0000	32.32
11 Iodomethane	142	2.983	2.967	(0.421)	63473	10.0000	7.42
12 Carbon disulfide	76	3.032	3.016	(0.428)	107346	5.00000	6.02
13 Methylene chloride	84	3.357	3.361	(0.474)	31883	5.00000	4.80(a)
14 t-Butanol	59	3.604	3.785	(0.509)	21206	125.000	118.1(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.693	3.755	(0.521)	101622	50.0000	53.63
	15 trans-1,2-Dichloroethene	96	3.693	3.696	(0.521)	31530	5.00000	4.91(a)
	19 Vinyl acetate	43	4.432	4.455	(0.626)	294935	10.0000	11.52
	17 Methyl-tert-butyl ether[MTBE]	73	3.732	3.785	(0.527)	109380	5.00000	5.66
	18 1,1-Dichloroethane (**)	63	4.294	4.308	(0.606)	83658	5.00000	5.44
	20 Isopropyl ether	45	4.472	4.515	(0.631)	193317	5.00000	5.67
	22 Tert-butyl ethyl ether	59	5.014	5.057	(0.708)	150520	5.00000	5.39
	21 2,2-Dichloropropane	77	5.162	5.165	(0.729)	73504	5.00000	5.58(M) GFB 10/16/00
	23 cis-1,2-Dichloroethene	96	5.191	5.205	(0.733)	36346	5.00000	4.97(a)
	24 2-Butanone	43	5.280	5.343	(0.745)	133525	25.0000	30.53
	25 Bromochloromethane	128	5.566	5.589	(0.786)	16499	5.00000	4.18(a) GFB 10/16/00
	27 Tetrahydrofuran	42	5.665	5.727	(0.800)	19789	5.00000	6.29
	26 Chloroform (*)	83	5.744	5.747	(0.811)	87767	5.00000	5.47
M	28 1,2-Dichloroethene (total)	100				67876	10.0000	9.88
$	29 Dibromofluoromethane	111	5.990	6.013	(0.846)	66957	5.00000	5.39
	30 1,1,1-Trichloroethane	97	5.960	5.954	(0.841)	70101	5.00000	5.40
	31 Carbon Tetrachloride	117	6.237	6.230	(0.880)	59219	5.00000	5.09
	32 1,1-Dichloropropene	75	6.256	6.240	(0.883)	69447	5.00000	5.60
$	33 1,2-Dichloroethane-d4	65	6.532	6.526	(0.922)	53162	5.00000	5.21(M) GFB 10/16/00
	35 Benzene	78	6.572	6.585	(0.928)	129490	5.00000	5.69
	36 1,2-Dichloroethane	62	6.651	6.654	(0.939)	66594	5.00000	5.47
	37 Tert-amyl methyl ether	73	6.877	6.901	(0.971)	136302	5.00000	5.53
*	38 Fluorobenzene	96	7.084	7.088	(1.000)	1202337	50.0000	
	39 Trichloroethene	130	7.715	7.729	(1.089)	45511	5.00000	5.17
	40 1,2-Dichloropropane(*)	63	8.120	8.113	(1.146)	60800	5.00000	5.37
	41 Dibromomethane	93	8.317	8.330	(1.174)	42547	5.00000	5.25
	42 Bromodichloromethane	83	8.652	8.656	(1.221)	94639	5.00000	5.41
	44 2-Chloroethylvinyl ether	106	9.253	9.277	(1.306)	2926	10.0000	2.75(aM) GFB 10/16/00
	43 1-Bromo-2-chloroethane	63	9.165	9.168	(1.294)	112021	5.00000	5.02(M)
	45 cis-1,3-Dichloropropene	75	9.441	9.464	(1.333)	80882	5.00000	5.38
	46 4-Methyl-2-pentanone	43	9.806	9.848	(1.384)	346784	25.0000	30.15
$	47 Toluene-d8	98	9.924	9.927	(0.787)	112698	5.00000	5.46
	48 Toluene (*)	91	10.032	10.046	(0.796)	144861	5.00000	5.62
	49 trans-1,3-Dichloropropene	75	10.515	10.519	(0.834)	65898	5.00000	5.04
	50 1,1,2-Trichloroethane	97	10.831	10.854	(0.859)	45117	5.00000	5.32
	51 Tetrachloroethene	164	11.038	11.041	(0.876)	39419	5.00000	5.12
	52 1,3-Dichloropropane	76	11.127	11.130	(0.883)	84068	5.00000	5.42
	53 2-Hexanone	43	11.383	11.406	(0.903)	248283	25.0000	29.54
	54 Dibromochloromethane	129	11.531	11.554	(0.915)	68294	5.00000	5.12
	55 1,2-Dibromoethane	107	11.679	11.712	(0.926)	61104	5.00000	5.12
*	56 Chlorobenzene-d5	117	12.606	12.609	(1.000)	855125	50.0000	
	57 Chlorobenzene (**)	112	12.665	12.668	(1.005)	94108	5.00000	5.32
	58 1,1,1,2-Tetrachloroethane	131	12.852	12.856	(1.020)	48888	5.00000	5.16
	59 Ethylbenzene (*)	106	12.931	12.934	(1.026)	47865	5.00000	5.46
	60 m,p-Xylenes	106	13.177	13.171	(1.045)	121254	10.0000	11.38
	61 o-Xylene	106	13.927	13.920	(1.105)	54709	5.00000	5.25
	62 Styrene	104	13.956	13.970	(1.107)	94289	5.00000	5.36

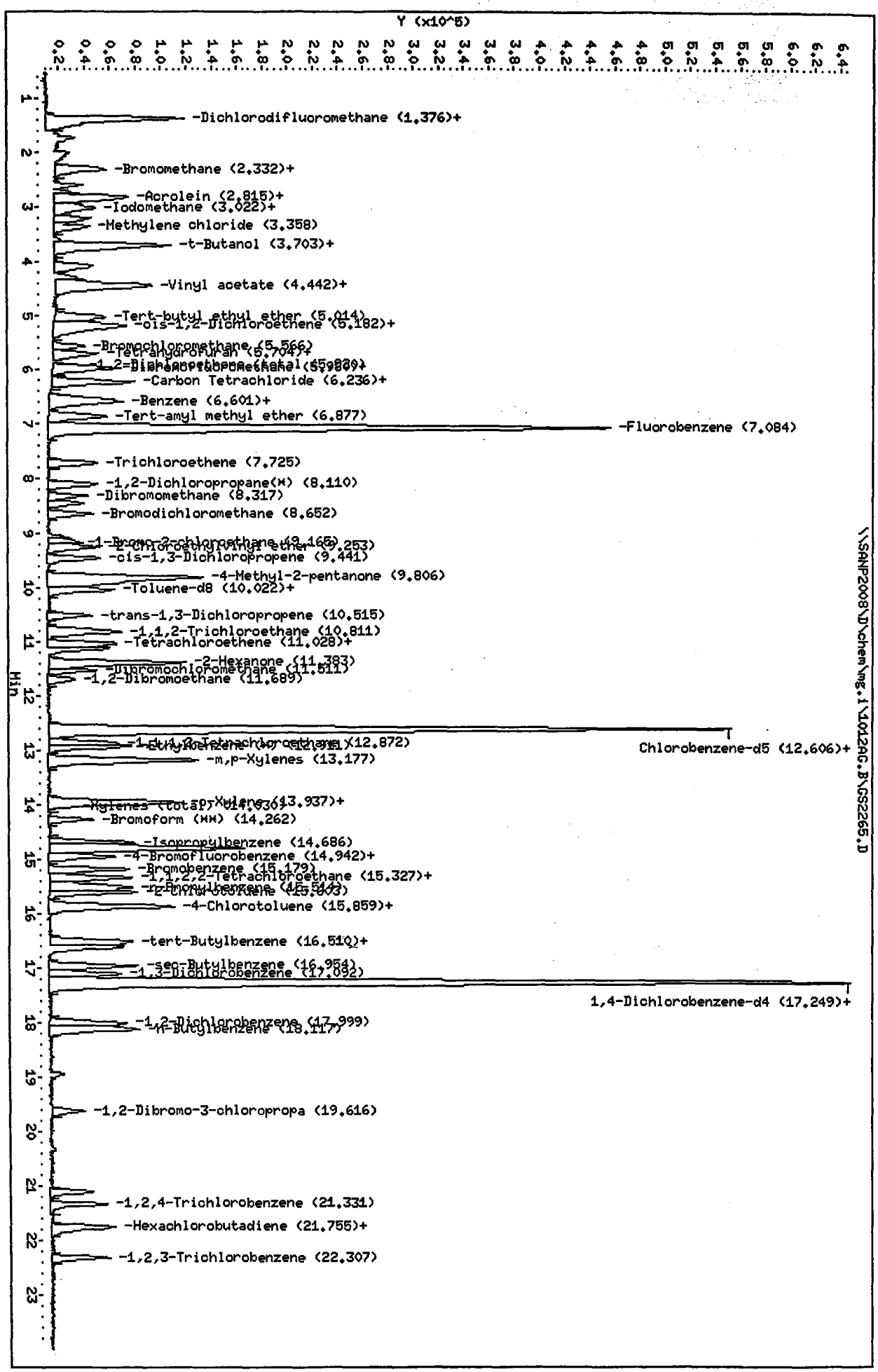
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
M 63 Xylenes (total)	100				175963	15.0000	16.63
64 Bromoform (**)	173	14.252	14.275	(1.131)	49473	5.00000	4.96(a)
65 Isopropylbenzene	105	14.676	14.670	(1.164)	181389	5.00000	5.71
$ 67 4-Bromofluorobenzene	95	14.942	14.946	(0.866)	88894	5.00000	5.45
66 4-Bromofluorobenzene-2nd	174	14.942	14.946	(0.866)	44815	5.00000	5.09
68 Bromobenzene	156	15.189	15.182	(0.881)	44019	5.00000	4.85(a)
69 1,1,2,2-Tetrachloroethane(**)	83	15.317	15.330	(0.888)	90125	5.00000	5.57
70 1,2,3-Trichloropropane	110	15.337	15.360	(0.889)	16044	5.00000	4.38(a)
71 n-Propylbenzene	91	15.504	15.498	(0.899)	230320	5.00000	5.51
72 2-Chlorotoluene	126	15.613	15.616	(0.905)	37228	5.00000	5.08(M) GFB 10/16/00
73 4-Chlorotoluene	126	15.849	15.833	(0.919)	33442	5.00000	4.66(a)
74 1,3,5-Trimethylbenzene	105	15.879	15.882	(0.921)	151666	5.00000	5.62
75 tert-Butylbenzene	119	16.510	16.503	(0.957)	146112	5.00000	5.48
76 1,2,4-Trimethylbenzene	105	16.618	16.612	(0.963)	151079	5.00000	5.53
77 sec-Butylbenzene	105	16.954	16.947	(0.983)	212777	5.00000	5.59
78 1,3-Dichlorobenzene	146	17.101	17.105	(0.991)	87215	5.00000	5.59
* 79 1,4-Dichlorobenzene-d4	152	17.249	17.233	(1.000)	478910	50.0000	
80 1,4-Dichlorobenzene	146	17.308	17.292	(1.003)	88992	5.00000	5.61
81 p-Isopropyltoluene	119	17.289	17.282	(1.002)	162259	5.00000	5.70
82 1,2-Dichlorobenzene	146	18.018	18.012	(1.045)	77994	5.00000	5.27
83 n-Butylbenzene	91	18.117	18.101	(1.050)	179318	5.00000	5.64
84 1,2-Dibromo-3-chloropropane	157	19.625	19.619	(1.138)	16834	5.00000	4.31(a)
85 1,2,4-Trichlorobenzene	180	21.351	21.325	(1.238)	56390	5.00000	4.95(a)
86 Hexachlorobutadiene	225	21.745	21.749	(1.261)	38950	5.00000	4.88(a)
87 Napthalene	128	21.804	21.808	(1.264)	99749	5.00000	4.64(a)
88 1,2,3-Trichlorobenzene	180	22.307	22.311	(1.293)	54614	5.00000	5.01

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\SANP2008\D\chem\mg.i\1012AG.B\GS2265.D
Date : 12-OCT-2000 14:43
Client ID:
Sample Info: 5 PPB 8260B,,1,0,,8260BGS.H
Column phase: J&W DB-624

Instrument: mg.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\chem\mg.i\1012AG.B\GS2266.D
Lab Smp Id: 20 PPB 8260B
Inj Date : 12-OCT-2000 15:18
Operator : GFB Inst ID: mg.i
Smp Info : 20 PPB 8260B,,,2,0,,,8260BGS.M
Misc Info : 1251-2;53-2A;50-2,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Meth Date : 16-Oct-2000 11:04 beckmang Quant Type: ISTD
Cal Date : 12-OCT-2000 14:43 Cal File: GS2265.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2008

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.494	1.508	(0.211)	119515	20.0000	20.35
3 Chloromethane (**)	50	1.760	1.774	(0.248)	121389	20.0000	20.80
2 Vinyl chloride (*)	62	1.730	1.734	(0.244)	122328	20.0000	20.23
4 Bromomethane	94	2.006	2.001	(0.283)	62183	20.0000	21.57
5 Chloroethane	64	2.095	2.070	(0.295)	69740	20.0000	27.80
6 Trichlorofluoromethane	101	2.332	2.286	(0.329)	240496	20.0000	22.82
7 Acrolein	56	2.726	2.769	(0.384)	135478	200.000	211.4(A)
8 1,1-Dichloroethene(*)	96	2.825	2.799	(0.398)	104809	20.0000	20.53
9 1,1,2-Trichlorotrifluoroethan	151	2.825	2.799	(0.398)	149139	20.0000	21.03
10 Acetone	43	2.904	2.977	(0.409)	209060	100.000	103.2
11 Iodomethane	142	2.982	2.967	(0.420)	352910	40.0000	42.30
12 Carbon disulfide	76	3.042	3.016	(0.429)	360020	20.0000	20.68
13 Methylene chloride	84	3.377	3.361	(0.476)	137691	20.0000	21.23
14 t-Butanol	59	3.613	3.785	(0.509)	92703	500.000	529.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.692	3.755	(0.521)	398778	200.000	215.7(A)
	15 trans-1,2-Dichloroethene	96	3.702	3.696	(0.522)	130637	20.0000	20.85
	19 Vinyl acetate	43	4.432	4.455	(0.625)	1054519	40.0000	42.19
	17 Methyl-tert-butyl ether[MTBE]	73	3.742	3.785	(0.527)	396621	20.0000	21.04
	18 1,1-Dichloroethane (**)	63	4.304	4.308	(0.607)	303478	20.0000	20.24
	20 Isopropyl ether	45	4.481	4.515	(0.632)	700403	20.0000	21.05
	22 Tert-butyl ethyl ether	59	5.033	5.057	(0.710)	565224	20.0000	20.75(M) GAB 10/16/00
	21 2,2-Dichloropropane	77	5.171	5.165	(0.729)	268857	20.0000	20.94
	23 cis-1,2-Dichloroethene	96	5.181	5.205	(0.730)	149816	20.0000	20.99
	24 2-Butanone	43	5.280	5.343	(0.744)	447059	100.000	104.8
	25 Bromochloromethane	128	5.575	5.589	(0.786)	80065	20.0000	20.79
	27 Tetrahydrofuran	42	5.684	5.727	(0.801)	60426	20.0000	19.68
	26 Chloroform (*)	83	5.723	5.747	(0.807)	320329	20.0000	20.47
M	28 1,2-Dichloroethene (total)	100				280453	40.0000	41.84
$	29 Dibromofluoromethane	111	5.989	6.013	(0.844)	247299	20.0000	20.40
	30 1,1,1-Trichloroethane	97	5.950	5.954	(0.839)	259677	20.0000	20.51
	31 Carbon Tetrachloride	117	6.226	6.230	(0.878)	247213	20.0000	21.77
	32 1,1-Dichloropropene	75	6.236	6.240	(0.879)	266618	20.0000	22.02
$	33 1,2-Dichloroethane-d4	65	6.522	6.526	(0.919)	215740	20.0000	21.65
	34 1,2-Dichloroethane-d4 2nd	102	6.512	6.536	(0.918)	35945	20.0000	19.59
	35 Benzene	78	6.581	6.585	(0.928)	471552	20.0000	21.24
	36 1,2-Dichloroethane	62	6.640	6.654	(0.936)	246600	20.0000	20.75
	37 Tert-amyl methyl ether	73	6.877	6.901	(0.969)	489098	20.0000	20.34
*	38 Fluorobenzene	96	7.094	7.088	(1.000)	1173318	50.0000	
	39 Trichloroethene	130	7.725	7.729	(1.089)	174880	20.0000	20.37
	40 1,2-Dichloropropane(*)	63	8.109	8.113	(1.143)	229345	20.0000	20.76
	41 Dibromomethane	93	8.316	8.330	(1.172)	162938	20.0000	20.59
	42 Bromodichloromethane	83	8.652	8.656	(1.220)	348590	20.0000	20.42
	44 2-Chloroethylvinyl ether	106	9.253	9.277	(1.304)	45666	40.0000	44.05
	43 1-Bromo-2-chloroethane	63	9.164	9.168	(1.292)	401508	20.0000	18.42
	45 cis-1,3-Dichloropropene	75	9.450	9.464	(1.332)	297108	20.0000	20.26
	46 4-Methyl-2-pentanone	43	9.805	9.848	(1.382)	1170934	100.000	104.3
$	47 Toluene-d8	98	9.914	9.927	(0.786)	409512	20.0000	20.88
	48 Toluene (*)	91	10.032	10.046	(0.796)	494622	20.0000	20.19
	49 trans-1,3-Dichloropropene	75	10.515	10.519	(0.834)	250335	20.0000	20.12
	50 1,1,2-Trichloroethane	97	10.830	10.854	(0.859)	163170	20.0000	20.23
	51 Tetrachloroethene	164	11.028	11.041	(0.875)	151022	20.0000	20.62
	52 1,3-Dichloropropane	76	11.126	11.130	(0.883)	306254	20.0000	20.76
	53 2-Hexanone	43	11.373	11.406	(0.902)	828534	100.000	103.7
	54 Dibromochloromethane	129	11.530	11.554	(0.915)	265460	20.0000	20.93
	55 1,2-Dibromoethane	107	11.688	11.712	(0.927)	236310	20.0000	20.83
*	56 Chlorobenzene-d5	117	12.605	12.609	(1.000)	813040	50.0000	
	57 Chlorobenzene (**)	112	12.654	12.668	(1.004)	348602	20.0000	20.72
	58 1,1,1,2-Tetrachloroethane	131	12.842	12.856	(1.019)	187894	20.0000	20.86
	59 Ethylbenzene (*)	106	12.921	12.934	(1.025)	172240	20.0000	20.65
	60 m,p-Xylenes	106	13.167	13.171	(1.045)	421790	40.0000	41.65
	61 o-Xylene	106	13.897	13.920	(1.102)	209440	20.0000	21.13

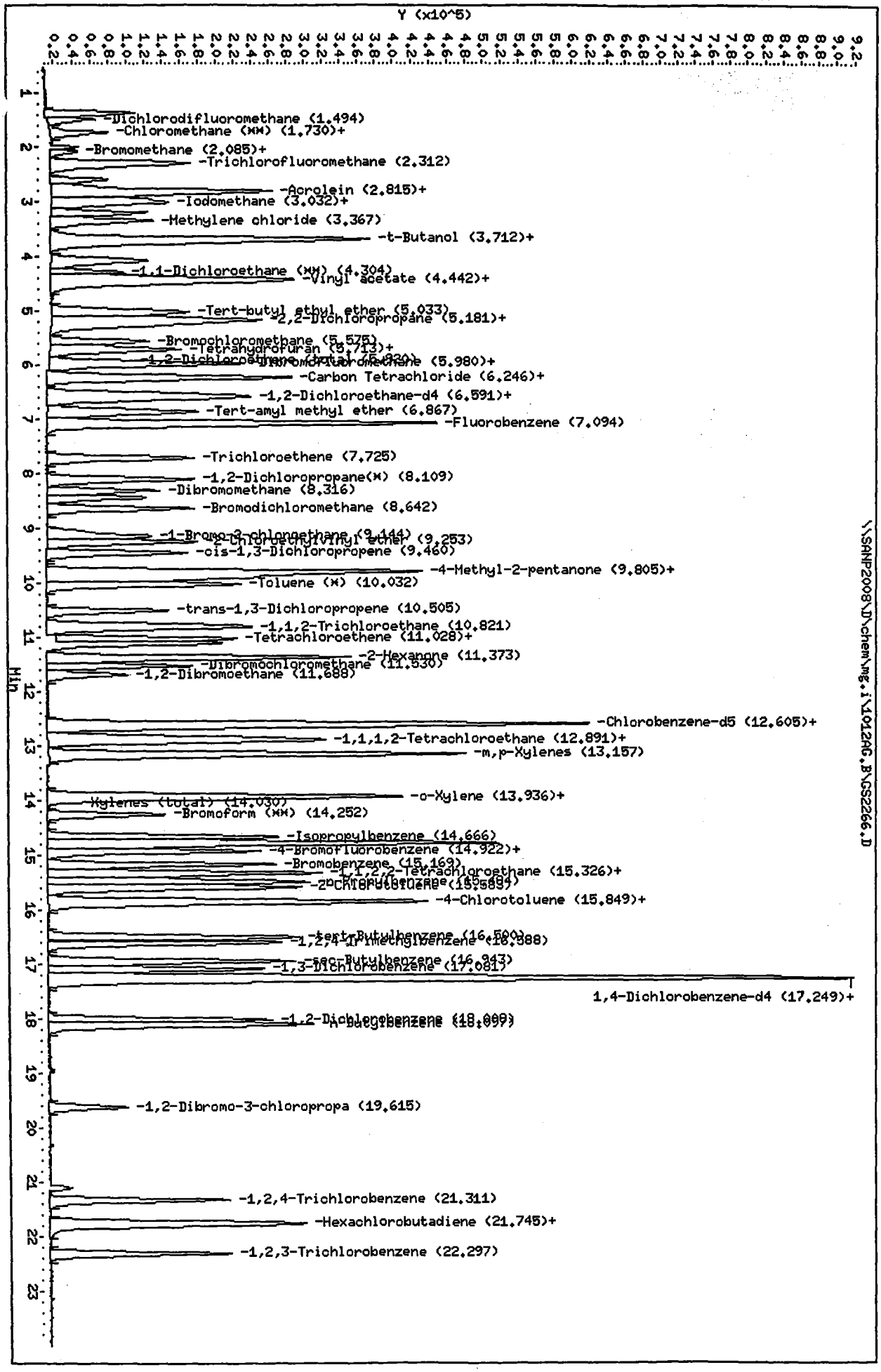
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.946	13.970	(1.106)	346337	20.0000	20.71
M	63 Xylenes (total)	100				631230	60.0000	62.78
	64 Bromoform (**)	173	14.261	14.275	(1.131)	197941	20.0000	20.86
	65 Isopropylbenzene	105	14.656	14.670	(1.163)	618102	20.0000	20.45
$	67 4-Bromofluorobenzene	95	14.922	14.946	(0.866)	318974	20.0000	20.82
	66 4-Bromofluorobenzene-2nd	174	14.922	14.946	(0.866)	170996	20.0000	20.68
	68 Bromobenzene	156	15.169	15.182	(0.880)	177679	20.0000	20.86
	69 1,1,2,2-Tetrachloroethane(**)	83	15.307	15.330	(0.888)	317482	20.0000	20.91
	70 1,2,3-Trichloropropane	110	15.336	15.360	(0.890)	72565	20.0000	21.10
	71 n-Propylbenzene	91	15.484	15.498	(0.899)	837740	20.0000	21.35
	72 2-Chlorotoluene	126	15.602	15.616	(0.906)	140454	20.0000	20.44
	73 4-Chlorotoluene	126	15.829	15.833	(0.919)	142679	20.0000	21.17
	74 1,3,5-Trimethylbenzene	105	15.869	15.882	(0.921)	527311	20.0000	20.79
	75 tert-Butylbenzene	119	16.500	16.503	(0.958)	516644	20.0000	20.62
	76 1,2,4-Trimethylbenzene	105	16.608	16.612	(0.964)	528906	20.0000	20.62
	77 sec-Butylbenzene	105	16.943	16.947	(0.983)	732147	20.0000	20.50
	78 1,3-Dichlorobenzene	146	17.091	17.105	(0.992)	299896	20.0000	20.46
*	79 1,4-Dichlorobenzene-d4	152	17.229	17.233	(1.000)	449667	50.0000	
	80 1,4-Dichlorobenzene	146	17.278	17.292	(1.003)	310787	20.0000	20.88
	81 p-Isopropyltoluene	119	17.269	17.282	(1.002)	555348	20.0000	20.79
	82 1,2-Dichlorobenzene	146	18.008	18.012	(1.045)	290573	20.0000	20.91
	83 n-Butylbenzene	91	18.107	18.101	(1.051)	613158	20.0000	20.54
	84 1,2-Dibromo-3-chloropropane	157	19.625	19.619	(1.139)	73593	20.0000	20.06
	85 1,2,4-Trichlorobenzene	180	21.311	21.325	(1.237)	216003	20.0000	20.19
	86 Hexachlorobutadiene	225	21.735	21.749	(1.262)	160828	20.0000	21.47
	87 Napthalene	128	21.794	21.808	(1.265)	405200	20.0000	20.06
	88 1,2,3-Trichlorobenzene	180	22.307	22.311	(1.295)	207589	20.0000	20.28

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\SANP2008\D\chem\mg.i\1012AG.B\GS2266.D
Date : 12-OCT-2000 15:18
Client ID:
Sample Info: 20 PPB 8260B,,2,0,,8260BGS.M
Column phase: J&W DB-624

Instrument: mg.i
Operator: CFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\chem\mg.i\1012AG.B\GS2267.D
Lab Smp Id: 50 PPB 8260B
Inj Date : 12-OCT-2000 15:53
Operator : GFB Inst ID: mg.i
Smp Info : 50 PPB 8260B,,,3,0,,,8260BGS.M
Misc Info : 1251-2;53-2A;50-2,,5,,2,1-8260B.SUB
Comment :
Method : \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Meth Date : 16-Oct-2000 11:22 beckmang Quant Type: ISTD
Cal Date : 12-OCT-2000 17:03 Cal File: GS2269.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2008

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.502	1.502	(0.212)	297264	50.0000	50.22
3 Chloromethane (**)	50	1.728	1.728	(0.244)	297448	50.0000	50.56
2 Vinyl chloride (*)	62	1.728	1.728	(0.244)	306294	50.0000	50.25
4 Bromomethane	94	1.994	1.994	(0.281)	122859	50.0000	42.27
5 Chloroethane	64	2.073	2.073	(0.292)	115645	50.0000	45.74
6 Trichlorofluoromethane	101	2.320	2.320	(0.327)	595598	50.0000	56.06
7 Acrolein	56	2.734	2.734	(0.386)	321432	500.000	496.9(A)
8 1,1-Dichloroethene(*)	96	2.823	2.823	(0.398)	267931	50.0000	52.07
9 1,1,2-Trichlorotrifluoroethan	151	2.813	2.813	(0.397)	370302	50.0000	51.79
10 Acetone	43	2.911	2.911	(0.411)	470662	250.000	230.4
11 Iodomethane	142	2.980	2.980	(0.420)	952824	100.000	113.3(A)
12 Carbon disulfide	76	3.030	3.030	(0.427)	863323	50.0000	49.31
13 Methylene chloride	84	3.355	3.355	(0.473)	336894	50.0000	51.52
14 t-Butanol	59	3.631	3.631	(0.512)	217216	1250.00	1230

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.700	3.700	(0.522)	911703	500.000	488.7(A)
	15 trans-1,2-Dichloroethene	96	3.700	3.700	(0.522)	329078	50.0000	52.10
	19 Vinyl acetate	43	4.430	4.430	(0.625)	2457325	100.000	97.53
	17 Methyl-tert-butyl ether[MTBE]	73	3.749	3.749	(0.529)	928214	50.0000	48.84
	18 1,1-Dichloroethane (**)	63	4.302	4.302	(0.607)	751486	50.0000	49.72
	20 Isopropyl ether	45	4.479	4.479	(0.632)	1643169	50.0000	48.98
	22 Tert-butyl ethyl ether	59	5.031	5.031	(0.709)	1368613	50.0000	49.70(M) GFB 10/16/00
	21 2,2-Dichloropropane	77	5.159	5.159	(0.728)	648703	50.0000	50.11
	23 cis-1,2-Dichloroethene	96	5.189	5.189	(0.732)	368007	50.0000	51.14
	24 2-Butanone	43	5.278	5.278	(0.744)	999007	250.000	232.2
	25 Bromochloromethane	128	5.564	5.564	(0.785)	208841	50.0000	53.79
	27 Tetrahydrofuran	42	5.672	5.672	(0.800)	142678	50.0000	46.38
	26 Chloroform (*)	83	5.731	5.731	(0.808)	792619	50.0000	50.24
M	28 1,2-Dichloroethene (total)	100				697085	100.000	103.2
$	29 Dibromofluoromethane	111	5.987	5.987	(0.844)	611201	50.0000	50.02
	30 1,1,1-Trichloroethane	97	5.968	5.968	(0.842)	645815	50.0000	50.60
	31 Carbon Tetrachloride	117	6.214	6.214	(0.876)	578811	50.0000	50.56
	32 1,1-Dichloropropene	75	6.244	6.244	(0.880)	606267	50.0000	49.65
$	33 1,2-Dichloroethane-d4	65	6.510	6.510	(0.918)	518243	50.0000	51.60
	34 1,2-Dichloroethane-d4 2nd	102	6.510	6.510	(0.918)	99221	50.0000	53.63
	35 Benzene	78	6.589	6.589	(0.929)	1165999	50.0000	52.11
	36 1,2-Dichloroethane	62	6.648	6.648	(0.937)	619231	50.0000	51.68
	37 Tert-amyl methyl ether	73	6.875	6.875	(0.969)	1202882	50.0000	49.61
*	38 Fluorobenzene	96	7.092	7.092	(1.000)	1182775	50.0000	
	39 Trichloroethene	130	7.723	7.723	(1.089)	439592	50.0000	50.79
	40 1,2-Dichloropropane(*)	63	8.117	8.117	(1.145)	555272	50.0000	49.87
	41 Dibromomethane	93	8.314	8.314	(1.172)	412010	50.0000	51.64
	42 Bromodichloromethane	83	8.640	8.640	(1.218)	877461	50.0000	51.00
	44 2-Chloroethylvinyl ether	106	9.271	9.271	(1.307)	126825	100.000	121.4(A)
	43 1-Bromo-2-chloroethane	63	9.152	9.152	(1.291)	999932	50.0000	45.51
	45 cis-1,3-Dichloropropene	75	9.458	9.458	(1.334)	752315	50.0000	50.89
	46 4-Methyl-2-pentanone	43	9.813	9.813	(1.384)	2780249	250.000	245.8
$	47 Toluene-d8	98	9.912	9.912	(0.786)	1007169	50.0000	49.78
	48 Toluene (*)	91	10.030	10.030	(0.796)	1255190	50.0000	49.67
	49 trans-1,3-Dichloropropene	75	10.503	10.503	(0.833)	650106	50.0000	50.66
	50 1,1,2-Trichloroethane	97	10.828	10.828	(0.859)	421935	50.0000	50.71
	51 Tetrachloroethene	164	11.035	11.035	(0.876)	381674	50.0000	50.52
	52 1,3-Dichloropropane	76	11.124	11.124	(0.883)	760812	50.0000	50.00
	53 2-Hexanone	43	11.381	11.381	(0.903)	1964266	250.000	238.3
	54 Dibromochloromethane	129	11.538	11.538	(0.916)	665612	50.0000	50.87
	55 1,2-Dibromoethane	107	11.686	11.686	(0.927)	590336	50.0000	50.46
*	56 Chlorobenzene-d5	117	12.603	12.603	(1.000)	838648	50.0000	
	57 Chlorobenzene (**)	112	12.652	12.652	(1.004)	880864	50.0000	50.75
	58 1,1,1,2-Tetrachloroethane	131	12.840	12.840	(1.019)	473795	50.0000	50.98
	59 Ethylbenzene (*)	106	12.919	12.919	(1.025)	439995	50.0000	51.14
	60 m,p-Xylenes	106	13.155	13.155	(1.044)	1062372	100.000	101.7
	61 o-Xylene	106	13.914	13.914	(1.104)	529287	50.0000	51.78

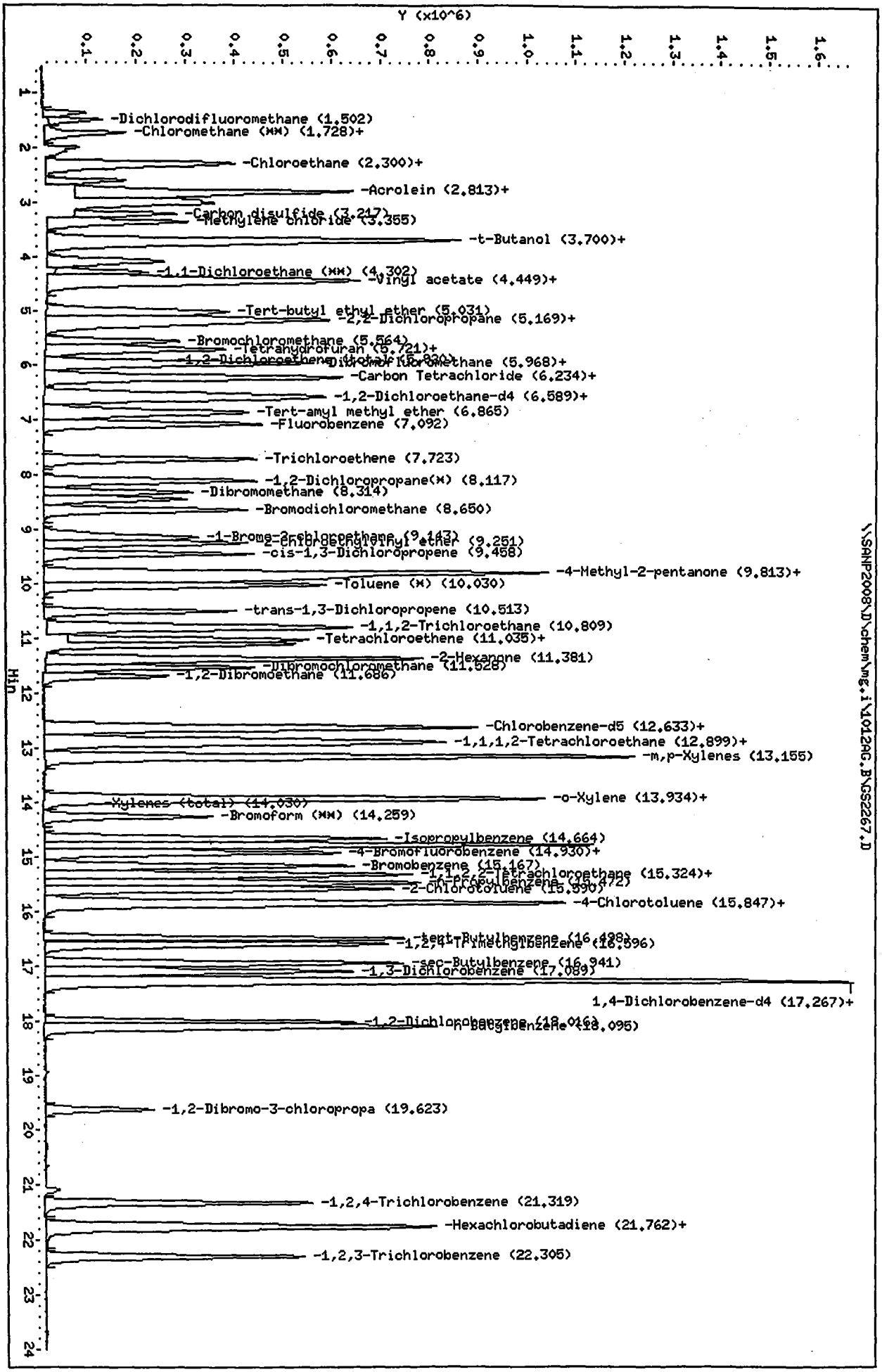
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.944	13.944	(1.106)	890251	50.0000	51.61
M	63 Xylenes (total)	100				1591659	150.000	153.5
	64 Bromoform (**)	173	14.259	14.259	(1.131)	506394	50.0000	51.74
	65 Isopropylbenzene	105	14.664	14.664	(1.163)	1570845	50.0000	50.40
$	67 4-Bromofluorobenzene	95	14.930	14.930	(0.866)	772194	50.0000	49.13
	66 4-Bromofluorobenzene-2nd	174	14.930	14.930	(0.866)	416867	50.0000	49.13
	68 Bromobenzene	156	15.176	15.176	(0.880)	439356	50.0000	50.26
	69 1,1,2,2-Tetrachloroethane(**)	83	15.314	15.314	(0.888)	768004	50.0000	49.29
	70 1,2,3-Trichloropropane	110	15.344	15.344	(0.890)	180100	50.0000	51.04
	71 n-Propylbenzene	91	15.482	15.482	(0.898)	2024262	50.0000	50.28
	72 2-Chlorotoluene	126	15.590	15.590	(0.904)	359916	50.0000	50.94
	73 4-Chlorotoluene	126	15.817	15.817	(0.918)	359392	50.0000	51.90
	74 1,3,5-Trimethylbenzene	105	15.867	15.867	(0.920)	1301143	50.0000	50.00
	75 tert-Butylbenzene	119	16.498	16.498	(0.957)	1290293	50.0000	50.19
	76 1,2,4-Trimethylbenzene	105	16.596	16.596	(0.963)	1317259	50.0000	50.03
	77 sec-Butylbenzene	105	16.941	16.941	(0.983)	1845851	50.0000	50.36
	78 1,3-Dichlorobenzene	146	17.079	17.079	(0.991)	742850	50.0000	49.40
*	79 1,4-Dichlorobenzene-d4	152	17.237	17.237	(1.000)	461426	50.0000	
	80 1,4-Dichlorobenzene	146	17.286	17.286	(1.003)	770190	50.0000	50.42
	81 p-Isopropyltoluene	119	17.276	17.276	(1.002)	1386882	50.0000	50.59
	82 1,2-Dichlorobenzene	146	18.006	18.006	(1.045)	722723	50.0000	50.55
	83 n-Butylbenzene	91	18.105	18.105	(1.050)	1533178	50.0000	50.00
	84 1,2-Dibromo-3-chloropropane	157	19.623	19.623	(1.138)	187146	50.0000	49.71
	85 1,2,4-Trichlorobenzene	180	21.329	21.329	(1.237)	537670	50.0000	48.97
	86 Hexachlorobutadiene	225	21.753	21.753	(1.262)	391339	50.0000	50.91
	87 Napthalene	128	21.792	21.792	(1.264)	1067086	50.0000	51.50
	88 1,2,3-Trichlorobenzene	180	22.305	22.305	(1.294)	514984	50.0000	49.04

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\SANP2008\D\chem\mg.i\1012AG.B\GS2267.D
Date : 12-OCT-2000 15:53
Client ID:
Sample Info: 50 PPB 8260B,,3,0,,8260BGS.H
Column phase: J&W DB-624

Instrument: mg.i
Operator: CFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\chem\mg.i\1012AG.B\GS2268.D
Lab Smp Id: 100 PPB 8260B
Inj Date : 12-OCT-2000 16:28
Operator : GFB Inst ID: mg.i
Smp Info : 100 PPB 8260B,,,4,0,,,8260BGS.M
Misc Info : 1251-2;53-2A;47-2,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Meth Date : 16-Oct-2000 11:04 beckmang Quant Type: ISTD
Cal Date : 12-OCT-2000 14:43 Cal File: GS2265.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2008

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.497	1.508	(0.211)	585001	100.000	97.48
3 Chloromethane (**)	50	1.744	1.774	(0.246)	596832	100.000	100.0
2 Vinyl chloride (*)	62	1.734	1.734	(0.245)	621612	100.000	100.6
4 Bromomethane	94	2.000	2.001	(0.282)	243898	100.000	82.77
5 Chloroethane	64	2.079	2.070	(0.293)	181899	100.000	70.96
6 Trichlorofluoromethane	101	2.316	2.286	(0.327)	1162240	100.000	107.9
7 Acrolein	56	2.740	2.769	(0.387)	715086	1000.00	1092(A)
8 1,1-Dichloroethene(*)	96	2.828	2.799	(0.399)	526764	100.000	101.0
9 1,1,2-Trichlorotrifluoroethan	151	2.818	2.799	(0.398)	732059	100.000	101.0
10 Acetone	43	2.917	2.977	(0.412)	1029445	500.000	497.2
11 Iodomethane	142	2.976	2.967	(0.420)	1905099	200.000	223.4(A)
12 Carbon disulfide	76	3.026	3.016	(0.427)	1703593	100.000	95.75
13 Methylene chloride	84	3.371	3.361	(0.476)	676230	100.000	102.0
14 t-Butanol	59	3.647	3.785	(0.515)	509406	2500.00	2845

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.706	3.755	(0.523)	1992910	1000.00	1054(A)
	15 trans-1,2-Dichloroethene	96	3.706	3.696	(0.523)	646779	100.000	101.0
	19 Vinyl acetate	43	4.435	4.455	(0.626)	5130178	200.000	200.8(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.745	3.785	(0.528)	1918063	100.000	99.55
	18 1,1-Dichloroethane (**)	63	4.297	4.308	(0.606)	1524569	100.000	99.50
	20 Isopropyl ether	45	4.475	4.515	(0.631)	3350893	100.000	98.52
	22 Tert-butyl ethyl ether	59	5.027	5.057	(0.709)	2812230	100.000	101.0(M) GFB 10/16/00
	21 2,2-Dichloropropane	77	5.165	5.165	(0.729)	1287075	100.000	98.06
	23 cis-1,2-Dichloroethene	96	5.195	5.205	(0.733)	744506	100.000	102.0
	24 2-Butanone	43	5.293	5.343	(0.747)	2145371	500.000	491.9
	25 Bromochloromethane	128	5.569	5.589	(0.786)	421100	100.000	107.0
	27 Tetrahydrofuran	42	5.688	5.727	(0.802)	318511	100.000	101.5
	26 Chloroform (*)	83	5.727	5.747	(0.808)	1569833	100.000	98.15
M	28 1,2-Dichloroethene (total)	100				1391285	200.000	203.1
$	29 Dibromofluoromethane	111	5.983	6.013	(0.844)	1225506	100.000	98.92
	30 1,1,1-Trichloroethane	97	5.973	5.954	(0.843)	1280750	100.000	98.98
	31 Carbon Tetrachloride	117	6.230	6.230	(0.879)	1151665	100.000	99.23
	32 1,1-Dichloropropene	75	6.250	6.240	(0.882)	1178886	100.000	95.26
$	33 1,2-Dichloroethane-d4	65	6.526	6.526	(0.921)	1018698	100.000	100.0
	34 1,2-Dichloroethane-d4 2nd	102	6.526	6.536	(0.921)	200251	100.000	106.8
	35 Benzene	78	6.595	6.585	(0.930)	2247755	100.000	99.08
	36 1,2-Dichloroethane	62	6.644	6.654	(0.937)	1233414	100.000	101.5
	37 Tert-amyl methyl ether	73	6.880	6.901	(0.971)	2454256	100.000	99.84
*	38 Fluorobenzene	96	7.088	7.088	(1.000)	1199149	50.0000	
	39 Trichloroethene	130	7.719	7.729	(1.089)	896900	100.000	102.2
	40 1,2-Dichloropropane(*)	63	8.113	8.113	(1.145)	1140930	100.000	101.1
	41 Dibromomethane	93	8.310	8.330	(1.172)	841378	100.000	104.0
	42 Bromodichloromethane	83	8.645	8.656	(1.220)	1760755	100.000	100.9
	44 2-Chloroethylvinyl ether	106	9.257	9.277	(1.306)	269184	200.000	254.1(A)
	43 1-Bromo-2-chloroethane	63	9.158	9.168	(1.292)	3077741	100.000	138.2
	45 cis-1,3-Dichloropropene	75	9.454	9.464	(1.334)	1514202	100.000	101.0
	46 4-Methyl-2-pentanone	43	9.819	9.848	(1.385)	5863066	500.000	511.1
$	47 Toluene-d8	98	9.917	9.927	(0.787)	1998810	100.000	98.19
	48 Toluene (*)	91	10.035	10.046	(0.797)	2456359	100.000	96.60
	49 trans-1,3-Dichloropropene	75	10.509	10.519	(0.834)	1293449	100.000	100.2
	50 1,1,2-Trichloroethane	97	10.834	10.854	(0.860)	831760	100.000	99.35
	51 Tetrachloroethene	164	11.031	11.041	(0.876)	758889	100.000	99.82
	52 1,3-Dichloropropane	76	11.120	11.130	(0.883)	1505594	100.000	98.34
	53 2-Hexanone	43	11.386	11.406	(0.904)	4206711	500.000	507.1
	54 Dibromochloromethane	129	11.534	11.554	(0.915)	1310926	100.000	99.56
	55 1,2-Dibromoethane	107	11.692	11.712	(0.928)	1195657	100.000	101.6
*	56 Chlorobenzene-d5	117	12.599	12.609	(1.000)	843872	50.0000	
	57 Chlorobenzene (**)	112	12.658	12.668	(1.005)	1712771	100.000	98.06
	58 1,1,1,2-Tetrachloroethane	131	12.855	12.856	(1.020)	931086	100.000	99.57
	59 Ethylbenzene (*)	106	12.914	12.934	(1.025)	858996	100.000	99.23
	60 m,p-Xylenes	106	13.151	13.171	(1.044)	2041532	200.000	194.2
	61 o-Xylene	106	13.910	13.920	(1.104)	1008577	100.000	98.05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.950	13.970	(1.107)	1700480	100.000	97.98
M	63 Xylenes (total)	100				3050109	300.000	292.3
	64 Bromoform (**)	173	14.255	14.275	(1.131)	987107	100.000	100.2
	65 Isopropylbenzene	105	14.659	14.670	(1.164)	3025095	100.000	96.45
$	67 4-Bromofluorobenzene	95	14.936	14.946	(0.867)	1507285	100.000	98.12
	66 4-Bromofluorobenzene-2nd	174	14.936	14.946	(0.867)	827789	100.000	99.85
	68 Bromobenzene	156	15.172	15.182	(0.880)	867845	100.000	101.6
	69 1,1,2,2-Tetrachloroethane(**)	83	15.320	15.330	(0.889)	1496268	100.000	98.26
	70 1,2,3-Trichloropropane	110	15.340	15.360	(0.890)	373994	100.000	108.4
	71 n-Propylbenzene	91	15.488	15.498	(0.899)	3698668	100.000	94.00
	72 2-Chlorotoluene	126	15.596	15.616	(0.905)	699354	100.000	101.5
	73 4-Chlorotoluene	126	15.823	15.833	(0.918)	692980	100.000	102.5
	74 1,3,5-Trimethylbenzene	105	15.872	15.882	(0.921)	2502942	100.000	98.42
	75 tert-Butylbenzene	119	16.493	16.503	(0.957)	2450149	100.000	97.52
	76 1,2,4-Trimethylbenzene	105	16.592	16.612	(0.963)	2497137	100.000	97.05
	77 sec-Butylbenzene	105	16.947	16.947	(0.983)	3468490	100.000	96.82
	78 1,3-Dichlorobenzene	146	17.085	17.105	(0.991)	1413797	100.000	96.20
*	79 1,4-Dichlorobenzene-d4	152	17.233	17.233	(1.000)	450961	50.0000	
	80 1,4-Dichlorobenzene	146	17.282	17.292	(1.003)	1426870	100.000	95.58
	81 p-Isopropyltoluene	119	17.272	17.282	(1.002)	2592943	100.000	96.78
	82 1,2-Dichlorobenzene	146	18.012	18.012	(1.045)	1371325	100.000	98.38
	83 n-Butylbenzene	91	18.100	18.101	(1.050)	2906962	100.000	97.12
	84 1,2-Dibromo-3-chloropropane	157	19.619	19.619	(1.138)	408565	100.000	111.0
	85 1,2,4-Trichlorobenzene	180	21.315	21.325	(1.237)	1094343	100.000	102.0
	86 Hexachlorobutadiene	225	21.738	21.749	(1.261)	767576	100.000	102.2
	87 Napthalene	128	21.788	21.808	(1.264)	2203133	100.000	108.8
	88 1,2,3-Trichlorobenzene	180	22.300	22.311	(1.294)	1052770	100.000	102.6

QC Flag Legend

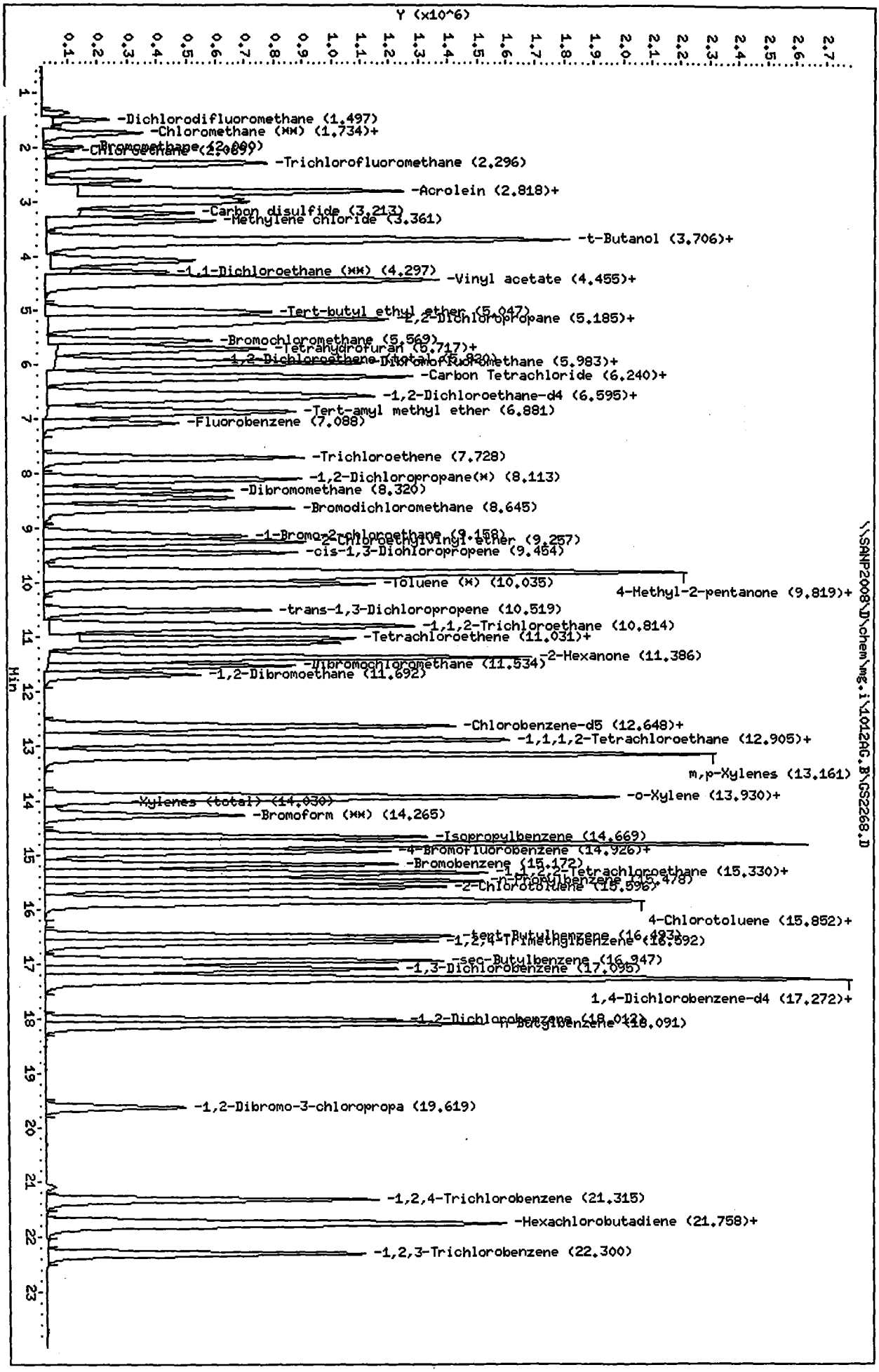
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\SANP2008\D\chem\mg.i\1012AG.B\GS2268.D
Date : 12-OCT-2000 16:28
Client ID:
Sample Info: 100 PPB 8260B,,,4,0,,,8260BGS.H

Column phase: J&W DB-624

Instrument: mg.i

Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\chem\mg.i\1012AG.B\GS2269.D
Lab Smp Id: 400 PPB 8260B
Inj Date : 12-OCT-2000 17:03
Operator : GFB Inst ID: mg.i
Smp Info : 400 PPB 8260B,,,5,0,,,8260BGS.M
Misc Info : 1251-2;53-2A;47-2,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\chem\mg.i\1012AG.B\8260BGS.m
Meth Date : 16-Oct-2000 11:04 beckmang Quant Type: ISTD
Cal Date : 12-OCT-2000 17:03 Cal File: GS2269.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2008

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.508	1.508	(0.213)	2306822	400.000	381.9
3 Chloromethane (**)	50	1.774	1.774	(0.250)	2354317	400.000	392.1
2 Vinyl chloride (*)	62	1.734	1.734	(0.245)	2402672	400.000	386.3
4 Bromomethane	94	2.001	2.001	(0.282)	849111	400.000	286.3
5 Chloroethane	64	2.070	2.070	(0.292)	520223	400.000	201.6
6 Trichlorofluoromethane	101	2.286	2.286	(0.323)	1682420	400.000	155.2
7 Acrolein	56	2.769	2.769	(0.391)	2168855	4000.00	3285(A)
8 1,1-Dichloroethene(*)	96	2.799	2.799	(0.395)	1776121	400.000	338.2
9 1,1,2-Trichlorotrifluoroethan	151	2.799	2.799	(0.395)	2494869	400.000	341.9
10 Acetone	43	2.977	2.977	(0.420)	3163537	2000.00	1518
11 Iodomethane	142	2.967	2.967	(0.419)	6526592	800.000	760.4(A)
12 Carbon disulfide	76	3.016	3.016	(0.426)	5800326	400.000	324.6
13 Methylene chloride	84	3.361	3.361	(0.474)	2479796	400.000	371.6
14 t-Butanol	59	3.785	3.785	(0.534)	1577424	10000.0	8752

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.755	3.755	(0.530)	6241894	4000.00	3279(A)
	15 trans-1,2-Dichloroethene	96	3.696	3.696	(0.521)	2380381	400.000	369.3
	19 Vinyl acetate	43	4.455	4.455	(0.629)	16747672	800.000	651.4(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.785	3.785	(0.534)	6542285	400.000	337.3
	18 1,1-Dichloroethane (**)	63	4.308	4.308	(0.608)	5608776	400.000	363.7
	20 Isopropyl ether	45	4.515	4.515	(0.637)	11625176	400.000	339.6
	22 Tert-butyl ethyl ether	59	5.057	5.057	(0.713)	9991161	400.000	355.5
	21 2,2-Dichloropropane	77	5.165	5.165	(0.729)	4509036	400.000	341.3
	23 cis-1,2-Dichloroethene	96	5.205	5.205	(0.734)	2682308	400.000	365.3
	24 2-Butanone	43	5.343	5.343	(0.754)	7186075	2000.00	1637
	25 Bromochloromethane	128	5.589	5.589	(0.789)	1551762	400.000	391.6
	27 Tetrahydrofuran	42	5.727	5.727	(0.808)	998404	400.000	318.1
	26 Chloroform (*)	83	5.747	5.747	(0.811)	5766453	400.000	358.2
M	28 1,2-Dichloroethene (total)	100				5062689	800.000	734.6
$	29 Dibromofluoromethane	111	6.013	6.013	(0.848)	4551337	400.000	365.0
	30 1,1,1-Trichloroethane	97	5.954	5.954	(0.840)	4646804	400.000	356.8
	31 Carbon Tetrachloride	117	6.230	6.230	(0.879)	4160602	400.000	356.1
	32 1,1-Dichloropropene	75	6.240	6.240	(0.880)	4162370	400.000	334.0
$	33 1,2-Dichloroethane-d4	65	6.526	6.526	(0.921)	3459543	400.000	337.5
	34 1,2-Dichloroethane-d4 2nd	102	6.536	6.536	(0.922)	664704	400.000	352.1
	35 Benzene	78	6.585	6.585	(0.929)	6997599	400.000	306.4
	36 1,2-Dichloroethane	62	6.654	6.654	(0.939)	4010375	400.000	328.0
	37 Tert-amyl methyl ether	73	6.901	6.901	(0.974)	8776203	400.000	354.7
*	38 Fluorobenzene	96	7.088	7.088	(1.000)	1207003	50.0000	
	39 Trichloroethene	130	7.729	7.729	(1.090)	3210719	400.000	363.5
	40 1,2-Dichloropropane(*)	63	8.113	8.113	(1.145)	3994945	400.000	351.6
	41 Dibromomethane	93	8.330	8.330	(1.175)	2761823	400.000	339.2
	42 Bromodichloromethane	83	8.656	8.656	(1.221)	6090571	400.000	346.9
	44 2-Chloroethylvinyl ether	106	9.277	9.277	(1.309)	972211	800.000	911.6(A)
	43 1-Bromo-2-chloroethane	63	9.168	9.168	(1.294)	7034809	400.000	313.7
	45 cis-1,3-Dichloropropene	75	9.464	9.464	(1.335)	5324386	400.000	352.9
	46 4-Methyl-2-pentanone	43	9.848	9.848	(1.389)	17196757	2000.00	1490
$	47 Toluene-d8	98	9.927	9.927	(0.787)	6673275	400.000	354.2
	48 Toluene (*)	91	10.046	10.046	(0.797)	8532176	400.000	362.6
	49 trans-1,3-Dichloropropene	75	10.519	10.519	(0.834)	4646697	400.000	388.8
	50 1,1,2-Trichloroethane	97	10.854	10.854	(0.861)	2842366	400.000	366.9
	51 Tetrachloroethene	164	11.041	11.041	(0.876)	2637059	400.000	374.8
	52 1,3-Dichloropropane	76	11.130	11.130	(0.883)	5069029	400.000	357.8
	53 2-Hexanone	43	11.406	11.406	(0.905)	12499301	2000.00	1628
	54 Dibromochloromethane	129	11.554	11.554	(0.916)	4468993	400.000	366.8
	55 1,2-Dibromoethane	107	11.712	11.712	(0.929)	3962261	400.000	363.7
*	56 Chlorobenzene-d5	117	12.609	12.609	(1.000)	780916	50.0000	
	57 Chlorobenzene (**)	112	12.668	12.668	(1.005)	5852824	400.000	362.1
	58 1,1,1,2-Tetrachloroethane	131	12.856	12.856	(1.020)	3149958	400.000	364.0
	59 Ethylbenzene (*)	106	12.934	12.934	(1.026)	2758905	400.000	344.4
	60 m,p-Xylenes	106	13.171	13.171	(1.045)	6474585	800.000	665.6
	61 o-Xylene	106	13.920	13.920	(1.104)	3341287	400.000	351.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.970	13.970	(1.108)	5653844	400.000	352.0
M	63 Xylenes (total)	100				9815872	1200.00	1017
	64 Bromoform (**)	173	14.275	14.275	(1.132)	3384213	400.000	371.3
	65 Isopropylbenzene	105	14.670	14.670	(1.163)	10024133	400.000	345.4
$	67 4-Bromofluorobenzene	95	14.946	14.946	(0.867)	4885939	400.000	362.1
	66 4-Bromofluorobenzene-2nd	174	14.946	14.946	(0.867)	2817426	400.000	386.8
	68 Bromobenzene	156	15.182	15.182	(0.881)	2898783	400.000	386.3
	69 1,1,2,2-Tetrachloroethane(**)	83	15.330	15.330	(0.890)	4661705	400.000	348.5
	70 1,2,3-Trichloropropane	110	15.360	15.360	(0.891)	1166804	400.000	385.2
	71 n-Propylbenzene	91	15.498	15.498	(0.899)	12225172	400.000	353.7
	72 2-Chlorotoluene	126	15.616	15.616	(0.906)	2264191	400.000	373.3
	73 4-Chlorotoluene	126	15.833	15.833	(0.919)	2259522	400.000	380.1
	74 1,3,5-Trimethylbenzene	105	15.882	15.882	(0.922)	7619676	400.000	341.1
	75 tert-Butylbenzene	119	16.503	16.503	(0.958)	7894994	400.000	357.8
	76 1,2,4-Trimethylbenzene	105	16.612	16.612	(0.964)	8072758	400.000	357.1
	77 sec-Butylbenzene	105	16.947	16.947	(0.983)	11092691	400.000	352.5
	78 1,3-Dichlorobenzene	146	17.105	17.105	(0.993)	4694286	400.000	363.6
*	79 1,4-Dichlorobenzene-d4	152	17.233	17.233	(1.000)	396098	50.0000	
	80 1,4-Dichlorobenzene	146	17.292	17.292	(1.003)	4558936	400.000	347.7
	81 p-Isopropyltoluene	119	17.282	17.282	(1.003)	7910070	400.000	336.1
	82 1,2-Dichlorobenzene	146	18.012	18.012	(1.045)	4485694	400.000	365.5
	83 n-Butylbenzene	91	18.101	18.101	(1.050)	9235940	400.000	350.9
	84 1,2-Dibromo-3-chloropropane	157	19.619	19.619	(1.138)	1332210	400.000	412.2(A)
	85 1,2,4-Trichlorobenzene	180	21.325	21.325	(1.237)	3777888	400.000	400.8(A)
	86 Hexachlorobutadiene	225	21.749	21.749	(1.262)	2402868	400.000	364.1
	87 Napthalene	128	21.808	21.808	(1.265)	6768359	400.000	380.5
	88 1,2,3-Trichlorobenzene	180	22.311	22.311	(1.295)	3522718	400.000	390.8

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

8260B SAMPLE / QC DATA

DATE ANALYZED: 10_10_2000

INSTRUMENT ID: MH

SAMPLES: EU060329

Batch ID: 02-0534

GC/MS VOA Run Log

FJK 10/20/00

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Inst ID: MSH	EM Set: 1753	Tune File: BFB-U	Seq File: 1010AH
Init. Cal ID: 8260BH2			Date: 10100

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
7:42		HJ1140	50ng BFB	—	—	4	—	—	✓			MSVOA 1198-1
8:00		HS2179	10ppb 8260DD	1	10	25ml	1	107	✓			25R50-1, SVR1250-2, SVD1251-2
8:41		HI2409	101000AH1-LCS-L	2				95	✓			9C1252-1
9:11		410	RB-L	3				72	✓			
9:52		411	DLQ1W101	4				24	N		<2	Low ts EDJ060360-16
10:22		412	~~DLP1E0101~~	5		DLTA1K101		50	N			Low EDJ060329-2930
11:12		413	DLQ33101	6				44	✓			EDJ060359-28
11:42		414	DLQ1W101	7				49	N	✓		Low EDJ060360-16
12:12		415	~~DLP1E0101~~	8		DLTA1K101		47	✓			EDJ060329-2930
12:42		416	DLM3910 1	9				43	✓			EDJ051015-11
13:12		417	DLM2W101	10				74	✓			1
13:42		418	DLM2X101	11				79	✓			2
14:12		419	DLM3110 1	12				90	✓			3
14:41		420	DLM32101	13				73	✓			4
15:11		421	DLM3310 1	11				60	✓			5
15:41		422	DLM3410 1	12				68	✓			6
16:12		423	DLM3510 1	13		12.5	2	57	✓			7
16:42		424	DLM3610 1	14		5	5	53	N	✓		2M Low ts 8
17:12		425	DLM3710 1	15		2.5	10	55	✓			9
17:42		426	DLM3810 1	16		25	1	75	✓			10
18:14		427	DLM2X102 S	1				75	✓			2MS
18:44		428	DLM2X103 D	2				70	✓			2MD

BOE-C6-0170919

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA46847

Lab File ID (Standard): HS2179 Date Analyzed: 10/10/00

Instrument ID: MH Time Analyzed: 0800

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1079340	7.58	706624	13.08	425667	17.69
	UPPER LIMIT	2158680	8.08	1413248	13.58	851334	18.19
	LOWER LIMIT	539670	7.08	353312	12.58	212834	17.19
	EPA SAMPLE NO.						
01	H12409	957087	7.60	686931	13.09	413299	17.71
02	H12410	775818	7.60	570443	13.08	323489	17.71
03	H12411	247366*	7.61	378226	13.10	292985	17.72
04	H12412	501337*	7.59	403767	13.08	234154	17.70
05	H12413	885506	7.58	622102	13.08	366465	17.70
06	H12414	491858*	7.60	392064	13.09	231861	17.70
07	H12415	878054	7.60	630527	13.08	368662	17.71
08	H12416	830613	7.60	600584	13.09	334980	17.71
09	H12417	747328	7.59	554358	13.10	321161	17.70
10	H12418	794458	7.60	580254	13.09	343460	17.71
11	H12419	809609	7.60	599010	13.08	344616	17.71
12	H12420	568142	7.59	423669	13.07	249195	17.71
13	H12421	602679	7.61	452076	13.09	253153	17.71
14	H12422	680449	7.59	496163	13.08	289627	17.71
15	H12424	577323	7.59	428973	13.08	252858	17.71
16	H12425	535325*	7.60	404947	13.08	235436	17.71
17	H12425	555034	7.60	417861	13.08	246315	17.73
18	H12426	751569	7.59	543824	13.08	323280	17.72
19	H12427	751584	7.60	528485	13.08	349110	17.72
20	H12428	708207	7.60	495572	13.08	325461	17.72
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

STL Los Angeles

Data file : \\SANP2007\D\CHEM\MH.I\1010AH.B\HT1140.D
Lab Smp Id:
Inj Date : 10-OCT-2000 07:42
Operator : RRT Inst ID: mh.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : 1UL MSVOA1198-1,,,3,ALL.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1010AH.B\BFB.M
Meth Date : 23-May-2000 08:16 gradyc Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 Bromofluorobenzene						CAS #: 460-00-4		
1.9584	1.8000	(0.000)	95	33754			0.00- 100.00	100.00
1.9584	1.8000	(0.000)	50	6244			15.00- 40.00	18.50
1.9584	1.8000	(0.000)	75	16815			30.00- 60.00	49.82
1.9584	1.8000	(0.000)	96	2457			5.00- 9.00	7.28
1.9584	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.9584	1.8000	(0.000)	174	26645			50.00- 0.00	78.94
1.9584	1.8000	(0.000)	175	2035			5.00- 9.00	7.64
1.9584	1.8000	(0.000)	176	25752			95.00- 101.00	96.65
1.9584	1.8000	(0.000)	177	1841			5.00- 9.00	7.15

pm
10/10/2000

Data File: \\SANP2007\D\CHEM\MH.I\1010AH.B\HT1140.D

Date : 10-OCT-2000 07:42

Client ID:

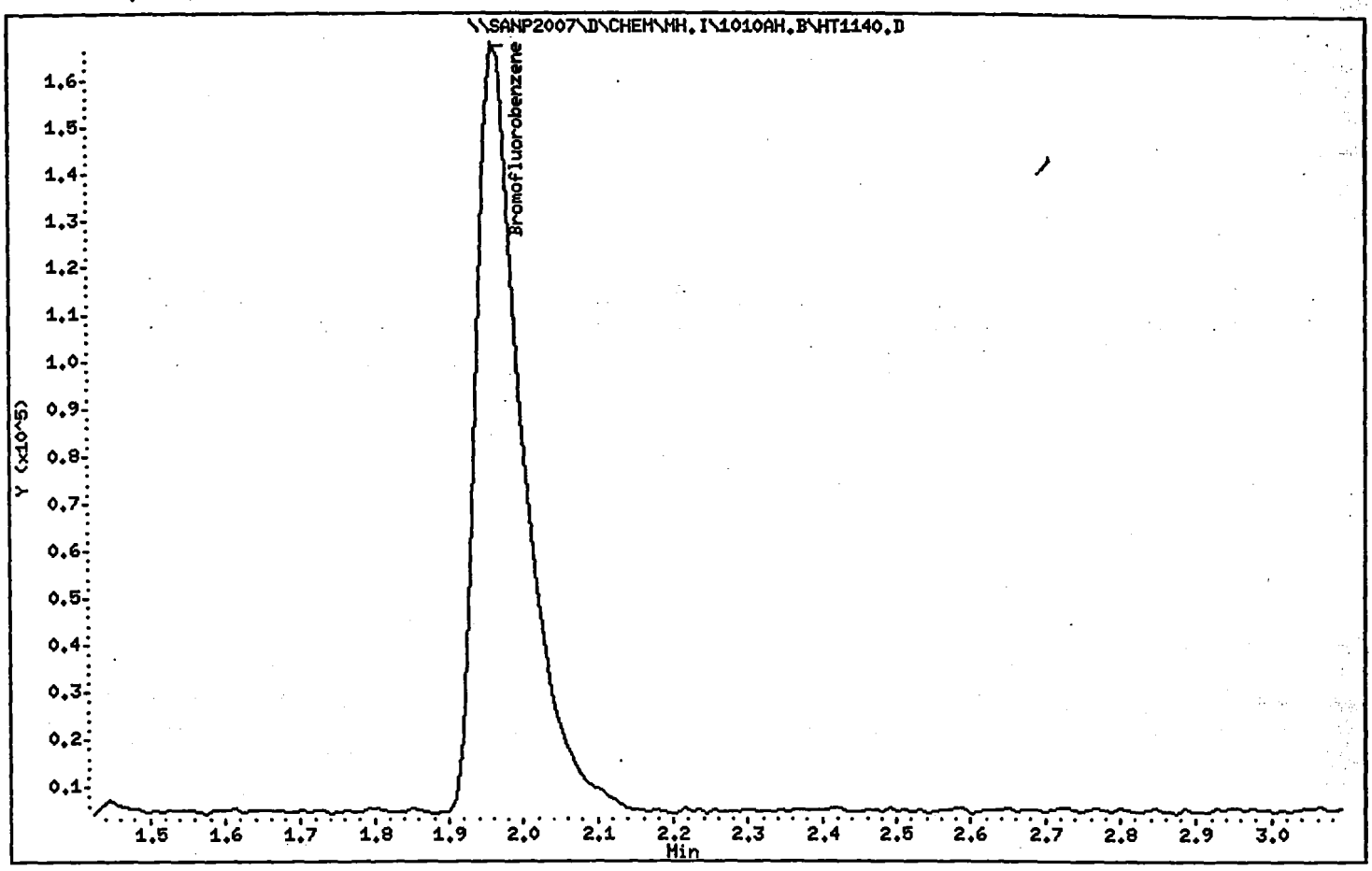
Instrument: mh.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2007\D\CHEM\MH.I\1010AH.B\HT1140.D

Date : 10-OCT-2000 07:42

Client ID:

Instrument: mh.i

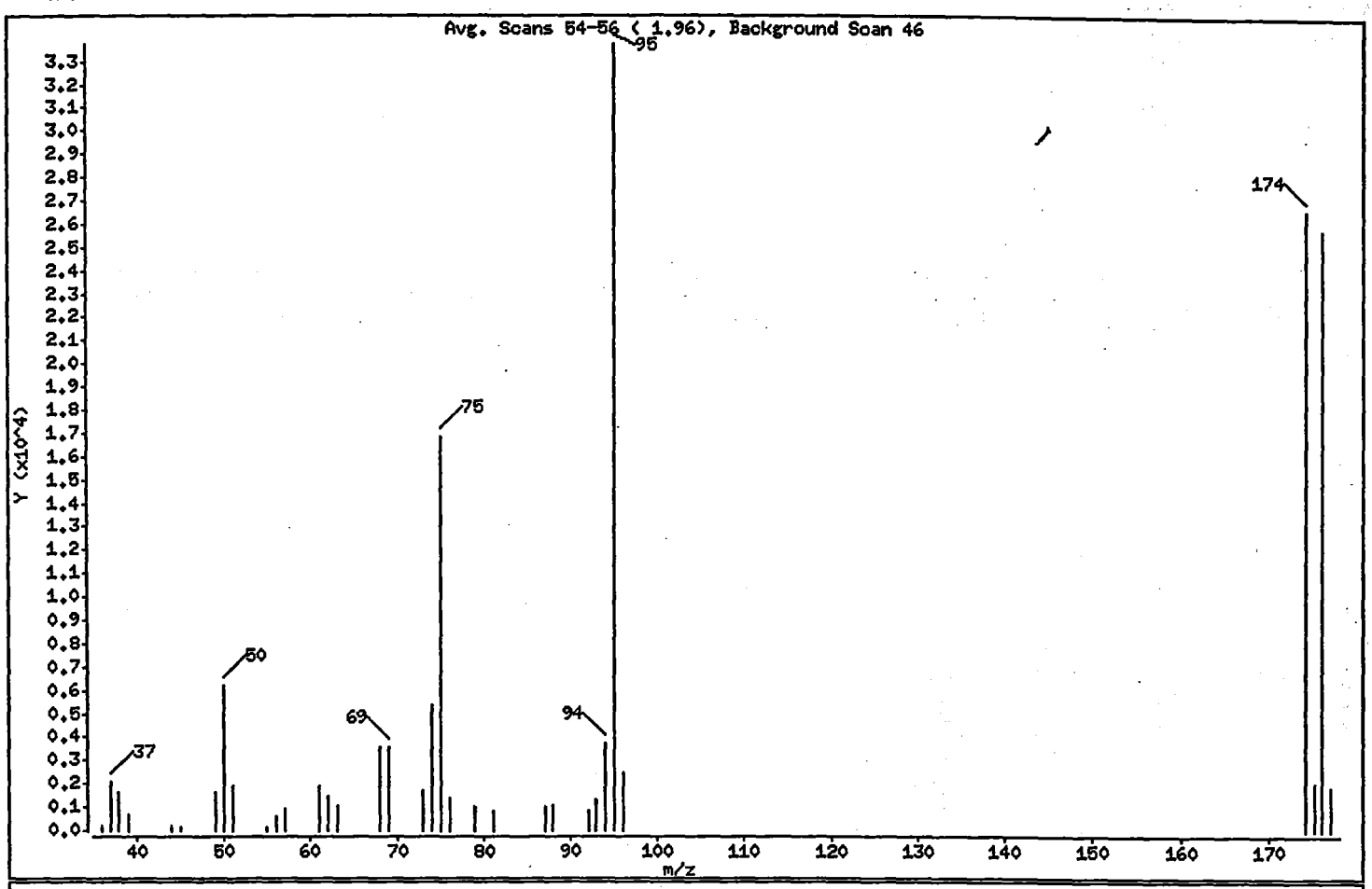
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.50
75	30.00 - 60.00% of mass 95	49.82
96	5.00 - 9.00% of mass 95	7.28
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	78.94
175	5.00 - 9.00% of mass 174	6.03 (7.64)
176	95.00 - 101.00% of mass 174	76.29 (96.65)
177	5.00 - 9.00% of mass 176	5.45 (7.15)

Data File: \\SANP2007\D\CHEM\MH.I\1010AH.B\HT1140.D

Date : 10-OCT-2000 07:42

Client ID:

Instrument: mh.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.H

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53

Data File: HT1140.D

Spectrum: Avg. Scans 54-56 (1.96), Background Scan 46

Location of Maximum: 95.00

Number of points: 34

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	196	55.00	188	74.00	5332	94.00	3714
37.00	2063	56.00	605	75.00	16808	95.00	33752
38.00	1656	57.00	895	76.00	1423	96.00	2457
39.00	672	61.00	1954	79.00	976	174.00	26640
44.00	245	62.00	1466	81.00	817	175.00	2035
45.00	178	63.00	1076	87.00	1042	176.00	25752
49.00	1613	68.00	3541	88.00	1069	177.00	1841
50.00	6244	69.00	3563	92.00	847		
51.00	1935	73.00	1706	93.00	1304		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mh.i
Lab File ID: HS2179.D
Analysis Type: WATER
Lab Sample ID: 10 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m

Injection Date: 10-OCT-2000 08:00
Init. Cal. Date(s): 02-OCT-2000 04-OCT-2000
Init. Cal. Times: 17:42 23:47

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.34917	0.46090	0.010	32.0	50.0	
	2 Chloromethane (**)	0.13631	0.16108	0.100	18.2	50.0	
	3 Vinyl chloride (*)	0.18704	0.19228	0.010	2.8	20.0	
	4 Bromomethane	0.22152	0.29482	0.010	33.1	50.0	
	5 Chloroethane	0.12049	0.12552	0.010	4.2	50.0	
	6 Trichlorofluoromethane	0.60802	0.79826	0.010	31.3	50.0	
	10 Acrolein	0.00593	0.00487	0.010	-17.9	20.0	<-
	8 1,1-Dichloroethene(*)	0.27144	0.28575	0.010	5.3	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.33326	0.45889	0.010	37.7	50.0	
	11 Iodomethane	0.50402	0.64273	0.010	27.5	20.0	<-
	7 Acetone	0.01545	0.01503	0.010	-2.7	50.0	
	12 Carbon disulfide	0.90237	0.85977	0.010	-4.7	50.0	
	13 Methylene chloride	0.25163	0.25642	0.010	1.9	50.0	
	14 Acrylonitrile	0.01175	0.01222	0.010	4.0	20.0	
	15 t-Butanol	0.00519	0.00514	0.010	-0.9	20.0	<-
	19 Vinyl acetate	0.33345	0.33602	0.010	0.8	20.0	
	16 trans-1,2-Dichloroethene	0.31037	0.34386	0.010	10.8	20.0	
	17 Methyl-tert-butyl ether[MTB	0.35630	0.37051	0.010	4.0	50.0	
	18 1,1-Dichloroethane (**)	0.51260	0.52777	0.100	3.0	20.0	
	20 Isopropyl ether	0.65749	0.69664	0.010	6.0	20.0	
	21 Tert-butyl ethyl ether	0.60341	0.57764	0.010	-4.3	20.0	
M	25 1,2-Dichloroethene (total)	0.31017	0.35014	0.010	12.9	20.0	
	22 2,2-Dichloropropane	0.50086	0.59555	0.010	18.9	50.0	
	23 cis-1,2-Dichloroethene	0.30998	0.35643	0.010	15.0	20.0	
	24 2-Butanone	0.02282	0.02308	0.010	1.2	50.0	
	27 Bromochloromethane	0.14678	0.19328	0.010	31.7	50.0	
	28 Chloroform (*)	0.67772	0.78359	0.010	15.6	20.0	
	26 Tetrahydrofuran	0.01663	0.01634	0.010	-1.8	20.0	
$	29 Dibromofluoromethane	0.51308	0.64788	0.010	26.3	50.0	
	30 1,1,1-Trichloroethane	0.57850	0.76408	0.010	32.1	20.0	<-
	31 Carbon Tetrachloride	0.49974	0.71872	0.010	43.8	20.0	<-
	32 1,1-Dichloropropene	0.47333	0.51419	0.010	8.6	50.0	
$	33 1,2-Dichloroethane-d4	0.22589	0.26254	0.010	16.2	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.04122	0.05284	0.010	28.2	50.0	
	35 Benzene	0.76376	0.77217	0.010	1.1	20.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mh.i
Lab File ID: HS2179.D
Analysis Type: WATER
Lab Sample ID: 10 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m

Injection Date: 10-OCT-2000 08:00
Init. Cal. Date(s): 02-OCT-2000 04-OCT-2000
Init. Cal. Times: 17:42 23:47

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.26778	0.32042	0.010	19.7	20.0	
	37 Tert-amyl methyl ether	0.44495	0.44999	0.010	1.1	20.0	
	39 Trichloroethene	0.36457	0.45981	0.010	26.1	20.0	<-
	40 1,2-Dichloropropane(*)	0.28172	0.25960	0.010	-7.9	20.0	
	41 Dibromomethane	0.20169	0.21005	0.010	4.1	50.0	
	42 Bromodichloromethane	0.56443	0.61376	0.010	8.7	20.0	
	44 2-Chloroethylvinyl ether	0.01340	0.01293	0.010	-3.5	20.0	
	43 1-Bromo-2-chloroethane	0.36915	0.35942	0.010	-2.6	50.0	
	45 cis-1,3-Dichloropropene	0.36052	0.37096	0.010	2.9	50.0	
	46 4-Methyl-2-pentanone	0.06980	0.07149	0.010	2.4	50.0	
$	47 Toluene-d8	1.10883	1.07461	0.010	-3.1	50.0	
	48 Toluene (*)	1.43304	1.42136	0.010	-0.8	20.0	
	49 trans-1,3-Dichloropropene	0.38885	0.41198	0.010	5.9	50.0	
	50 1,1,2-Trichloroethane	0.26582	0.26960	0.010	1.4	50.0	
	51 Tetrachloroethene	0.47436	0.65637	0.010	38.4	20.0	<-
	52 1,3-Dichloropropane	0.40564	0.40496	0.010	-0.2	50.0	
	53 2-Hexanone	0.07448	0.06774	0.010	-9.1	50.0	
	54 Dibromochloromethane	0.54033	0.64464	0.010	19.3	50.0	
	55 1,2-Dibromoethane	0.37454	0.41319	0.010	10.3	50.0	
	57 Chlorobenzene (**)	1.00931	1.08215	0.300	7.2	50.0	
	58 1,1,1,2-Tetrachloroethane	0.46971	0.60555	0.010	28.9	50.0	
	59 Ethylbenzene (*)	0.45701	0.49247	0.010	7.8	20.0	
	60 m,p-Xylenes	0.58069	0.63040	0.010	8.6	20.0	
M	61 Xylenes (total)	0.56463	0.61656	0.010	9.2	20.0	
	62 o-Xylene	0.53252	0.58887	0.010	10.6	20.0	
	63 Styrene	0.85770	0.92164	0.010	7.5	50.0	
	64 Bromoform (**)	0.27142	0.36224	0.100	33.5	50.0	
	65 Isopropylbenzene	1.76194	1.98157	0.010	12.5	50.0	
$	66 4-Bromofluorobenzene	0.80840	0.74061	0.010	-8.4	50.0	
	67 4-Bromofluorobenzene-2nd	0.45321	0.57350	0.010	26.5	50.0	
	68 Bromobenzene	0.88235	0.95881	0.010	8.7	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.65313	0.51982	0.300	-20.4	50.0	
	70 1,2,3-Trichloropropane	0.12992	0.13464	0.010	3.6	50.0	
	71 n-Propylbenzene	4.15293	3.26208	0.010	-21.5	50.0	
	72 2-Chlorotoluene	0.78677	0.80490	0.010	2.3	50.0	
	73 4-Chlorotoluene	0.83274	0.85341	0.010	2.5	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mh.i
Lab File ID: HS2179.D
Analysis Type: WATER
Lab Sample ID: 10 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m

Injection Date: 10-OCT-2000 08:00
Init. Cal. Date(s): 02-OCT-2000 04-OCT-2000
Init. Cal. Times: 17:42 23:47

COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.86961	2.71750	0.010	-5.3	50.0
75 tert-Butylbenzene	2.91681	2.84500	0.010	-2.5	50.0
76 1,2,4-Trimethylbenzene	2.84693	2.66547	0.010	-6.4	50.0
77 sec-Butylbenzene	4.01407	3.67923	0.010	-8.3	50.0
78 1,3-Dichlorobenzene	1.54315	1.58542	0.010	2.7	50.0
80 p-Isopropyltoluene	3.14150	3.19216	0.010	1.6	50.0
81 1,4-Dichlorobenzene	1.64294	1.77630	0.010	8.1	50.0
82 1,2-Dichlorobenzene	1.32401	1.35033	0.010	2.0	50.0
83 n-Butylbenzene	3.64784	3.22047	0.010	-11.7	50.0
84 1,2-Dibromo-3-chloropropane	0.12126	0.11329	0.010	-6.6	50.0
85 1,2,4-Trichlorobenzene	0.95740	1.09071	0.010	13.9	50.0
86 Hexachlorobutadiene	0.91007	1.18392	0.010	30.1	50.0
87 Napthalene	0.85422	0.83916	0.010	-1.8	20.0
88 1,2,3-Trichlorobenzene	0.72792	0.83689	0.010	15.0	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2007\D\chem\mh.I\1010AH.B/HS2179.D
Inj. Date : 10-OCT-2000 08:00

ICAL Mid Point : //SANP2007/D/chem/mh.I/1004BH.B/HS2160.D
Inj. Date : 04-OCT-2000 22:16

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.59	7.58	0.01	1171070	1079340	92.2%
Chlorobenzene-d5	13.08	13.08	-0.00	751201	706624	94.1%
1,4-Dichlorobenzene-d4	17.70	17.69	0.01	405572	425667	105.0%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: HS2179.D
Lab Smp Id: 10 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: RRT
Method File: \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m
Misc Info: ,25,,,2,1-8260B.SUB

Calibration Date: 10-OCT-2000
Calibration Time: 08:00

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1079340	539670	2158680	1079340	0.00
56 Chlorobenzene-d5	706624	353312	1413248	706624	0.00
79 1,4-Dichlorobenze	425667	212834	851334	425667	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.58	7.08	8.08	7.58	0.00
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	0.00
79 1,4-Dichlorobenze	17.69	17.19	18.19	17.69	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1010AH.B\HS2179.D
Lab Smp Id: 10 PPB 8260B STD
Inj Date : 10-OCT-2000 08:00
Operator : RRT Inst ID: mh.i
Smp Info : 10 PPB 8260B STD,,,3,0,,,8260BHL.M
Misc Info : ,25,,,2,1-8260B.SUB
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 08:27 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.746	1.746	(0.230)	497464	10.0000	13.20
2 Chloromethane (**)	50	1.933	1.933	(0.255)	173855	10.0000	11.82
3 Vinyl chloride (*)	62	2.002	2.002	(0.264)	207532	10.0000	10.28
4 Bromomethane	94	2.318	2.318	(0.306)	318206	10.0000	13.31
5 Chloroethane	64	2.397	2.397	(0.316)	135482	10.0000	10.42
6 Trichlorofluoromethane	101	2.663	2.663	(0.351)	861596	10.0000	13.13
10 Acrolein	56	3.087	3.087	(0.407)	52579	100.000	82.14
8 1,1-Dichloroethene(*)	96	3.205	3.205	(0.423)	308422	10.0000	10.53
9 1,1,2-Trichlorotrifluoroethan	151	3.225	3.225	(0.425)	495297	10.0000	13.77
11 Iodomethane	142	3.363	3.363	(0.443)	1387438	20.0000	25.50
7 Acetone	43	3.255	3.255	(0.429)	81107	50.0000	48.65
12 Carbon disulfide	76	3.452	3.452	(0.455)	927984	10.0000	9.53
13 Methylene chloride	84	3.768	3.768	(0.497)	276761	10.0000	10.19
14 Acrylonitrile	53	4.093	4.093	(0.540)	131875	100.000	104.0(A)
15 t-Butanol	59	3.985	3.985	(0.525)	22203	40.0000	39.64

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	19 Vinyl acetate	43	4.912	4.912	(0.648)	725352	20.0000	20.15
	16 trans-1,2-Dichloroethene	96	4.172	4.172	(0.550)	371138	10.0000	11.08
	17 Methyl-tert-butyl ether[MTBE]	73	4.192	4.192	(0.553)	399901	10.0000	10.40
	18 1,1-Dichloroethane (**)	63	4.764	4.764	(0.628)	569642	10.0000	10.30
	20 Isopropyl ether	45	4.931	4.931	(0.650)	751913	10.0000	10.60
	21 Tert-butyl ethyl ether	59	5.503	5.503	(0.726)	623473	10.0000	9.57
M	25 1,2-Dichloroethene (total)	100				755849	20.0000	22.58
	22 2,2-Dichloropropane	77	5.671	5.671	(0.748)	642803	10.0000	11.89
	23 cis-1,2-Dichloroethene	96	5.671	5.671	(0.748)	384711	10.0000	11.50
	24 2-Butanone	43	5.711	5.711	(0.753)	124550	50.0000	50.58
	27 Bromochloromethane	128	6.056	6.056	(0.798)	208614	10.0000	13.17
	28 Chloroform (*)	83	6.214	6.214	(0.819)	845757	10.0000	11.56
	26 Tetrahydrofuran	42	6.154	6.154	(0.811)	17633	10.0000	9.82
$	29 Dibromofluoromethane	111	6.480	6.480	(0.854)	699281	10.0000	12.63
	30 1,1,1-Trichloroethane	97	6.490	6.490	(0.856)	824707	10.0000	13.21
	31 Carbon Tetrachloride	117	6.766	6.766	(0.892)	775738	10.0000	14.38
	32 1,1-Dichloropropene	75	6.766	6.766	(0.892)	554990	10.0000	10.86
$	33 1,2-Dichloroethane-d4	65	6.993	6.993	(0.922)	283370	10.0000	11.62
	34 1,2-Dichloroethane-d4 2nd	102	7.003	7.003	(0.923)	57027	10.0000	12.82
	35 Benzene	78	7.101	7.101	(0.936)	833429	10.0000	10.11
	36 1,2-Dichloroethane	62	7.131	7.131	(0.940)	345838	10.0000	11.96
	37 Tert-amyl methyl ether	73	7.377	7.377	(0.973)	485695	10.0000	10.11
*	38 Fluorobenzene	96	7.585	7.585	(1.000)	1079340	10.0000	
	39 Trichloroethene	130	8.236	8.236	(1.086)	496293	10.0000	12.61
	40 1,2-Dichloropropane(*)	63	8.591	8.591	(1.133)	280199	10.0000	9.21
	41 Dibromomethane	93	8.798	8.798	(1.160)	226717	10.0000	10.41
	42 Bromodichloromethane	83	9.113	9.113	(1.202)	662453	10.0000	10.87
	44 2-Chloroethylvinyl ether	106	9.725	9.725	(1.282)	27902	20.0000	19.29(Q)
	43 1-Bromo-2-chloroethane	63	9.626	9.626	(1.269)	387931	10.0000	9.74
	45 cis-1,3-Dichloropropene	75	9.932	9.932	(1.309)	400391	10.0000	10.29
	46 4-Methyl-2-pentanone	43	10.257	10.257	(1.352)	385837	50.0000	51.21
$	47 Toluene-d8	98	10.415	10.415	(0.796)	759344	10.0000	9.69
	48 Toluene (*)	91	10.534	10.534	(0.805)	1004368	10.0000	9.92
	49 trans-1,3-Dichloropropene	75	10.967	10.967	(0.839)	291112	10.0000	10.59
	50 1,1,2-Trichloroethane	97	11.293	11.293	(0.863)	190509	10.0000	10.14
	51 Tetrachloroethene	164	11.540	11.540	(0.882)	463806	10.0000	13.84
	52 1,3-Dichloropropane	76	11.579	11.579	(0.885)	286155	10.0000	9.98
	53 2-Hexanone	43	11.816	11.816	(0.903)	239341	50.0000	45.47
	54 Dibromochloromethane	129	11.993	11.993	(0.917)	455517	10.0000	11.93
	55 1,2-Dibromoethane	107	12.171	12.171	(0.931)	291967	10.0000	11.03
*	56 Chlorobenzene-d5	117	13.078	13.078	(1.000)	706624	10.0000	
	57 Chlorobenzene (**)	112	13.137	13.137	(1.005)	764672	10.0000	10.72
	58 1,1,1,2-Tetrachloroethane	131	13.315	13.315	(1.018)	427897	10.0000	12.89
	59 Ethylbenzene (*)	106	13.394	13.394	(1.024)	347993	10.0000	10.78
	60 m,p-Xylenes	106	13.630	13.630	(1.042)	890918	20.0000	21.71
M	61 Xylenes (total)	100				1307025	30.0000	32.77
	62 o-Xylene	106	14.380	14.380	(1.100)	416107	10.0000	11.06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	63 Styrene	104	14.419	14.419	(1.103)	651256	10.0000	10.74
	64 Bromoform (**)	173	14.715	14.715	(1.125)	255971	10.0000	13.35
	65 Isopropylbenzene	105	15.139	15.139	(1.158)	1400225	10.0000	11.25
$	66 4-Bromofluorobenzene	95	15.396	15.396	(1.177)	523332	10.0000	9.16
	67 4-Bromofluorobenzene-2nd	174	15.396	15.396	(1.177)	405246	10.0000	12.65(Q)
	68 Bromobenzene	156	15.642	15.642	(0.884)	408133	10.0000	10.87
	69 1,1,2,2-Tetrachloroethane(**)	83	15.741	15.741	(0.890)	221270	10.0000	7.96
	70 1,2,3-Trichloropropane	110	15.771	15.771	(0.891)	57310	10.0000	10.36(Q)
	71 n-Propylbenzene	91	15.958	15.958	(0.902)	1388558	10.0000	7.85
	72 2-Chlorotoluene	126	16.067	16.067	(0.908)	342621	10.0000	10.23(Q)
	73 4-Chlorotoluene	126	16.293	16.293	(0.921)	363269	10.0000	10.25(Q)
	74 1,3,5-Trimethylbenzene	105	16.333	16.333	(0.923)	1156752	10.0000	9.47
	75 tert-Butylbenzene	119	16.964	16.964	(0.959)	1211021	10.0000	9.75
	76 1,2,4-Trimethylbenzene	105	17.073	17.073	(0.965)	1134601	10.0000	9.36
	77 sec-Butylbenzene	105	17.418	17.418	(0.984)	1566125	10.0000	9.16
	78 1,3-Dichlorobenzene	146	17.566	17.566	(0.993)	674861	10.0000	10.27
*	79 1,4-Dichlorobenzene-d4	152	17.694	17.694	(1.000)	425667	10.0000	(Q)
	80 p-Isopropyltoluene	119	17.743	17.743	(1.003)	1358797	10.0000	10.16
	81 1,4-Dichlorobenzene	146	17.743	17.743	(1.003)	756112	10.0000	10.81(H)
	82 1,2-Dichlorobenzene	146	18.483	18.483	(1.045)	574789	10.0000	10.20
	83 n-Butylbenzene	91	18.562	18.562	(1.049)	1370847	10.0000	8.83
	84 1,2-Dibromo-3-chloropropane	157	20.071	20.071	(1.134)	48222	10.0000	9.34
	85 1,2,4-Trichlorobenzene	180	21.797	21.797	(1.232)	464279	10.0000	11.39
	86 Hexachlorobutadiene	225	22.231	22.231	(1.256)	503955	10.0000	13.01
	87 Napthalene	128	22.260	22.260	(1.258)	357203	10.0000	9.82
	88 1,2,3-Trichlorobenzene	180	22.763	22.763	(1.287)	356235	10.0000	11.50

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2007\D\chem\mh.I\1010AH.B/HS2179.D
Inj. Date : 10-OCT-2000 08:00

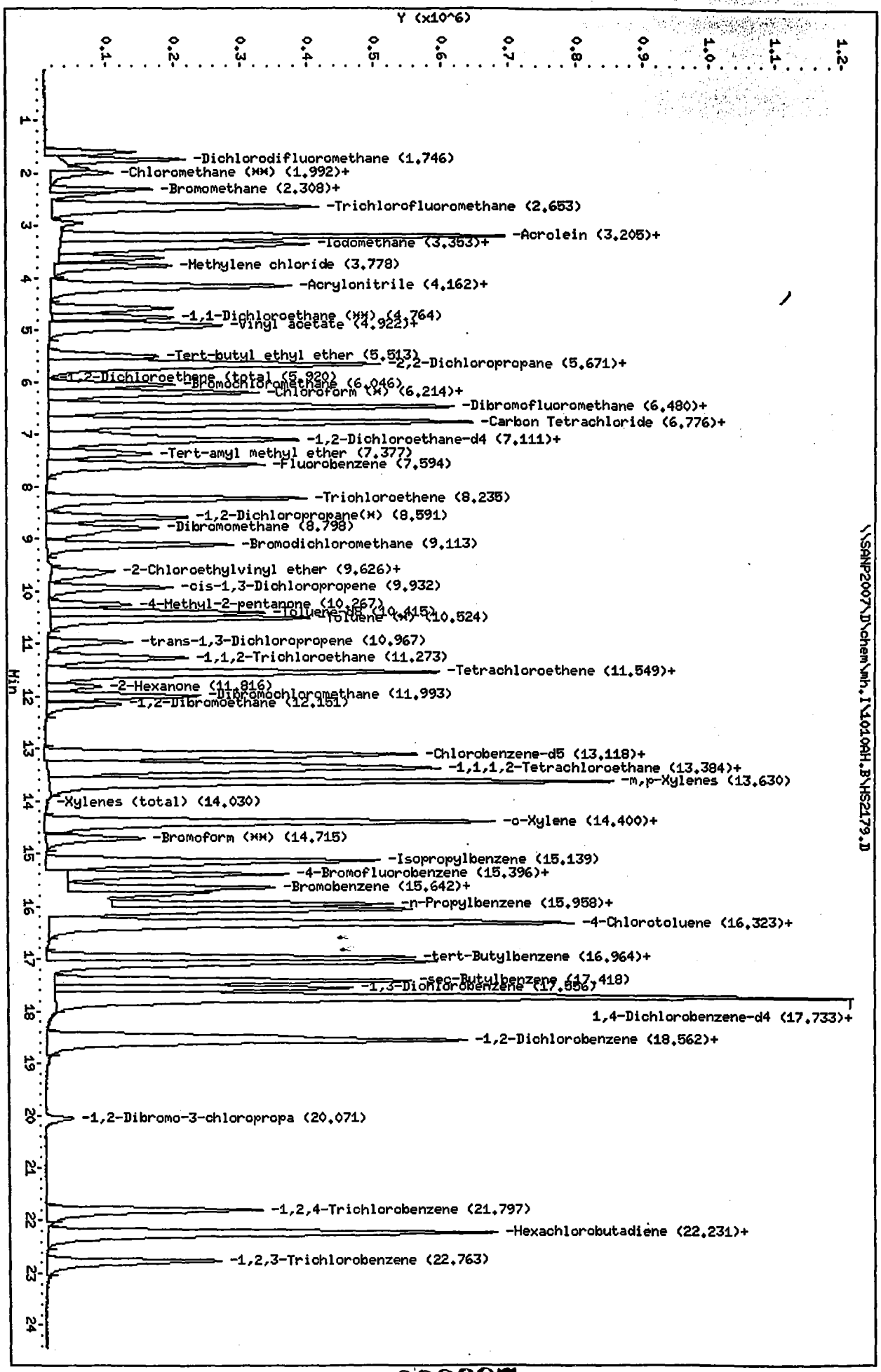
ICAL Mid Point : //SANP2007/D/chem/mh.I/1004BH.B/HS2160.D
Inj. Date : 04-OCT-2000 22:16

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.59	7.58	0.01	1171070	1079340	92.2%
Chlorobenzene-d5	13.08	13.08	-0.00	751201	706624	94.1%
1,4-Dichlorobenzene-d4	17.70	17.69	0.01	405572	425667	105.0%

8260B Area difference criteria: 50%-200%

Data File: \\SANP2007\D\chem\mh.I\1010AH.B\HS2179.D
Date: 10-OCT-2000 08:00
Client ID:
Sample Info: 10 PPB 8260B STD,,3,0,,,8260BHL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: RRT
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\CHEM\MH.I\1010AH.B\H12409.D
Lab Smp Id: LCS-1010AH Client Smp ID: H12409
Inj Date : 10-OCT-2000 08:41
Operator : RRT Inst ID: mh.i
Smp Info : LCS-1010AH,LCS,1,,0,1,0,8260BHL.M,H12409
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 08:27 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.188	3.205	(0.420)	292256	11.2496	11.25
$ 29 Dibromofluoromethane	111	6.462	6.480	(0.851)	595376	12.1244	12.12
$ 33 1,2-Dichloroethane-d4	65	7.005	6.993	(0.922)	237298	10.9762	10.98
34 1,2-Dichloroethane-d4 2nd	102	7.015	7.003	(0.923)	44488	11.2763	11.28
35 Benzene	78	7.103	7.101	(0.935)	644877	8.82202	8.82
* 38 Fluorobenzene	96	7.596	7.585	(1.000)	957087	10.0000	
39 Trichloroethene	130	8.238	8.236	(1.084)	424128	12.1554	12.16
$ 47 Toluene-d8	98	10.407	10.415	(0.795)	723655	9.50063	9.50
48 Toluene (*)	91	10.526	10.534	(0.804)	850001	8.63469	8.63
* 56 Chlorobenzene-d5	117	13.090	13.078	(1.000)	686931	10.0000	
57 Chlorobenzene (**)	112	13.139	13.137	(1.004)	640582	9.23924	9.24
$ 66 4-Bromofluorobenzene	95	15.398	15.396	(1.176)	522268	9.40491	9.40
67 4-Bromofluorobenzene-2nd	174	15.408	15.396	(1.177)	391176	12.5650	12.56(Q)
* 79 1,4-Dichlorobenzene-d4	152	17.706	17.694	(1.000)	413299	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: H12409.D
Lab Smp Id: LCS-1010AH
Analysis Type: VOA
Quant Type: ISTD
Operator: RRT
Method File: \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 10-OCT-2000
Calibration Time: 08:00
Client Smp ID: H12409
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1079340	539670	2158680	957087	-11.33
56 Chlorobenzene-d5	706624	353312	1413248	686931	-2.79
79 1,4-Dichlorobenze	425667	212834	851334	413299	-2.91

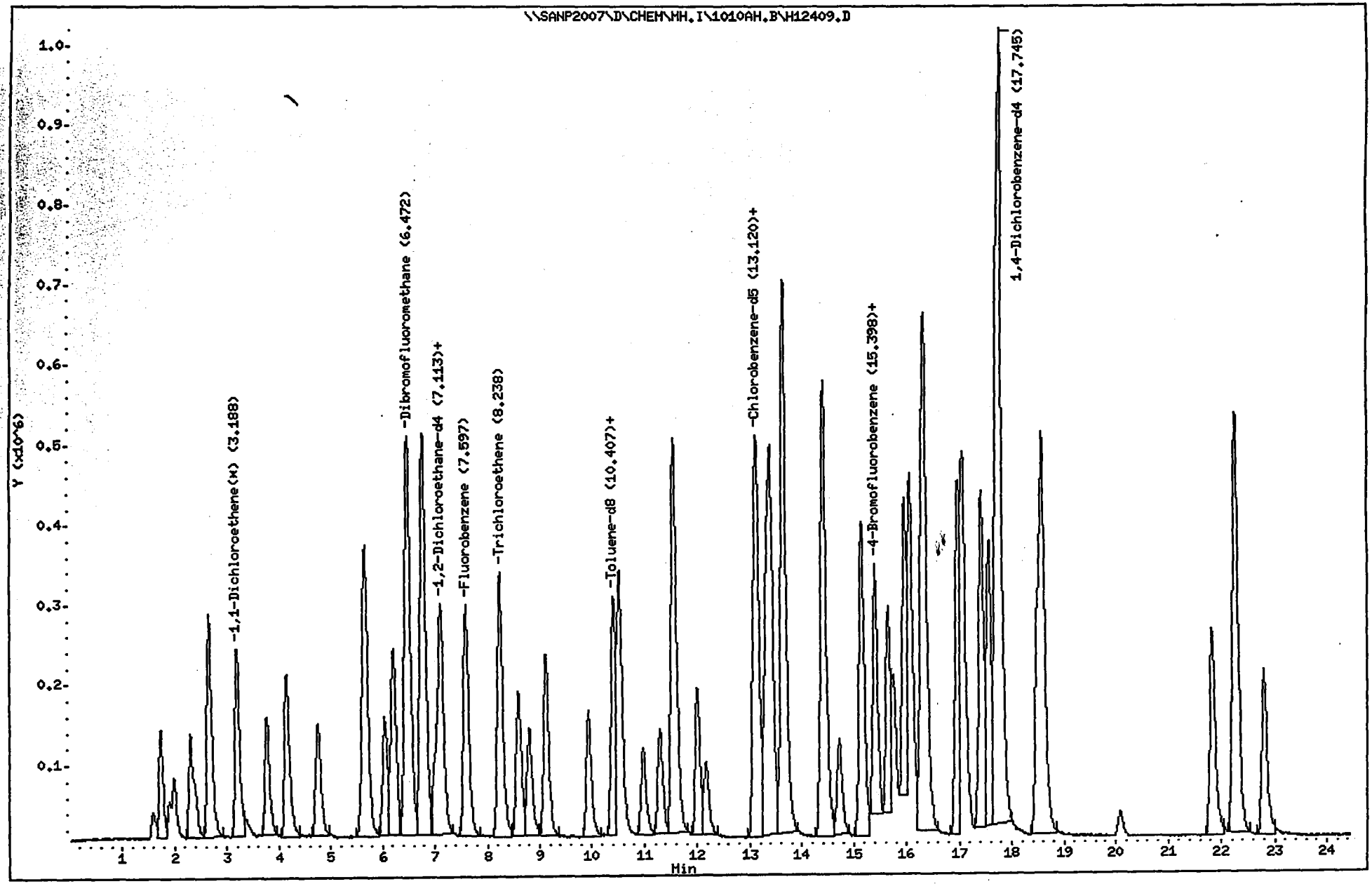
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.58	7.08	8.08	7.60	0.16
56 Chlorobenzene-d5	13.08	12.58	13.58	13.09	0.09
79 1,4-Dichlorobenze	17.69	17.19	18.19	17.71	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2007\D\CHEM\MH.I\1010AH.B\H12409.D
Date : 10-OCT-2000 08:41
Client ID: H12409
Sample Info: LCS-1010AH,LCS,1,,0,1,0,8260BHL.H,H12409
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i

Operator: RRT
Column diameter: 0.53



000401

BOE-C6-0170938

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1010AH.B\H12410.D
Lab Smp Id: MB-1010AH Client Smp ID: H12410
Inj Date : 10-OCT-2000 09:11
Operator : RRT Inst ID: mh.i
Smp Info : MB-1010AH,BLANK,1,,0,1,0,8260BHL.M,H12410
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
7 Acetone	43	2.744	3.255	(0.361)	16297	13.6007	13.60
$ 29 Dibromofluoromethane	111	6.482	6.480	(0.853)	535691	13.4578	13.46(R)
$ 33 1,2-Dichloroethane-d4	65	6.995	6.993	(0.921)	205496	11.7261	11.73
34 1,2-Dichloroethane-d4 2nd	102	7.005	7.003	(0.922)	36193	11.3171	11.32(Q)
37 Tert-amyl methyl ether	73	7.587	7.377	(0.999)	11223	0.32512	0.325(a)
* 38 Fluorobenzene	96	7.596	7.585	(1.000)	775818	10.0000	
$ 47 Toluene-d8	98	10.407	10.415	(0.796)	613768	9.70346	9.70
* 56 Chlorobenzene-d5	117	13.080	13.078	(1.000)	570443	10.0000	
$ 66 4-Bromofluorobenzene	95	15.408	15.396	(1.178)	426129	9.24066	9.24
67 4-Bromofluorobenzene-2nd	174	15.408	15.396	(1.178)	335800	12.9888	12.99(Q)
* 79 1,4-Dichlorobenzene-d4	152	17.706	17.694	(1.000)	323489	10.0000	(Q)
87 Napthalene	128	22.282	22.260	(1.258)	10206	0.36936	0.369(a)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: H12410.D
Lab Smp Id: MB-1010AH
Analysis Type: VOA
Quant Type: ISTD
Operator: RRT
Method File: \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Misc Info: ,25,,,3,1-8260B.SUB

Calibration Date: 10-OCT-2000
Calibration Time: 08:00
Client Smp ID: H12410
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1079340	539670	2158680	775818	-28.12
56 Chlorobenzene-d5	706624	353312	1413248	570443	-19.27
79 1,4-Dichlorobenze	425667	212834	851334	323489	-24.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.58	7.08	8.08	7.60	0.16
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	0.02
79 1,4-Dichlorobenze	17.69	17.19	18.19	17.71	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1010AH.B\H12410.D
Lab Smp Id: MB-1010AH Client Smp ID: H12410
Inj Date : 10-OCT-2000 09:11
Operator : RRT Inst ID: mh.i
Smp Info : MB-1010AH,BLANK,1,,0,1,0,8260BHL.M,H12410
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1010AH
Operator : RRT
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa46847
Client Smp ID: H12410
Sample Date:
Sample Point:
Date Received:
Level: LOW

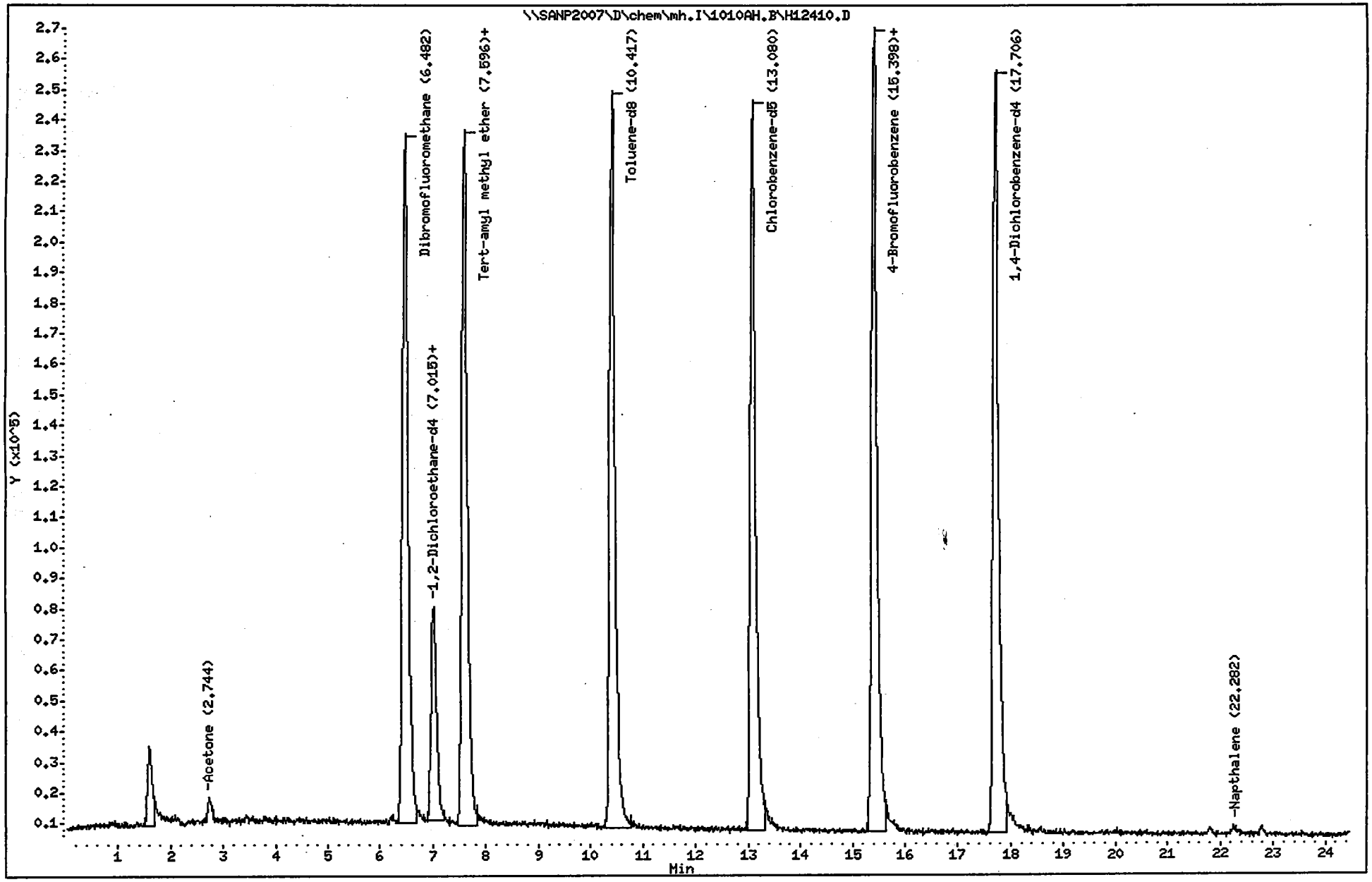
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12410.D
Date : 10-OCT-2000 09:11
Client ID: H12410
Sample Info: MB-1010AH,BLANK,1,,0,1,0,8260BHL.M,H12410
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: RRT
Column diameter: 0.53



000407

BOE-C6-0170944

Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12410.D

Date : 10-OCT-2000 09:11

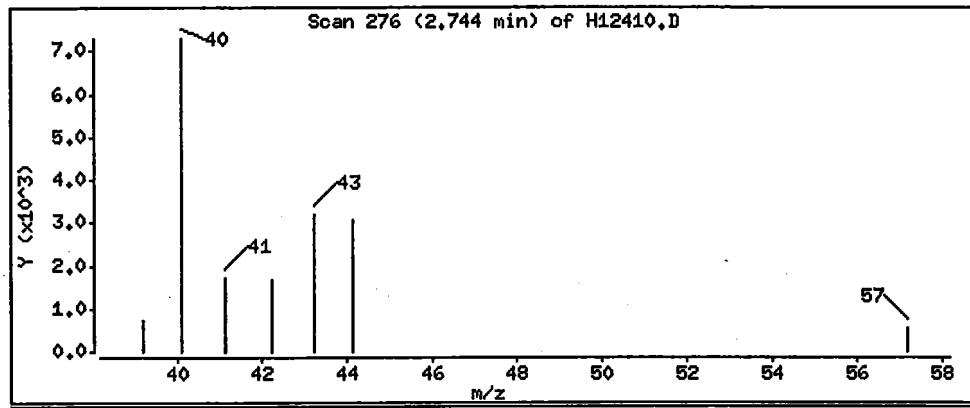
Client ID: H12410 Instrument: mh.i

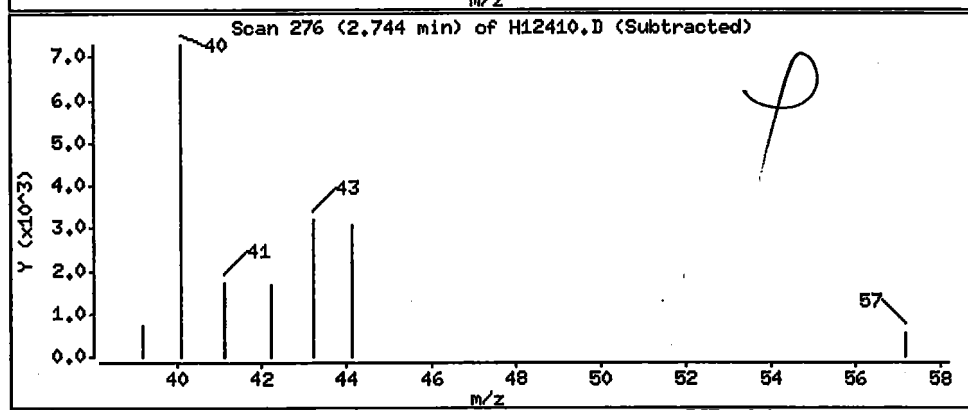
Sample Info: MB-1010AH,BLANK,1,,0,1,0,8260BHL.M,H12410

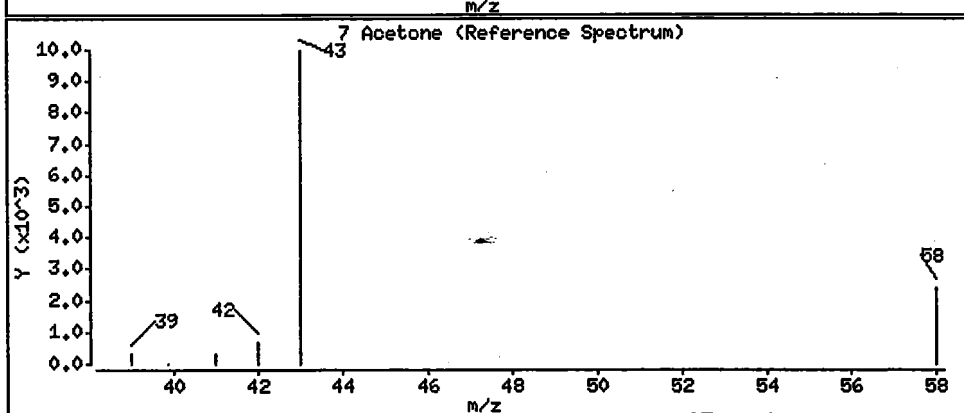
Purge Volume: 25.0 Operator: RRT

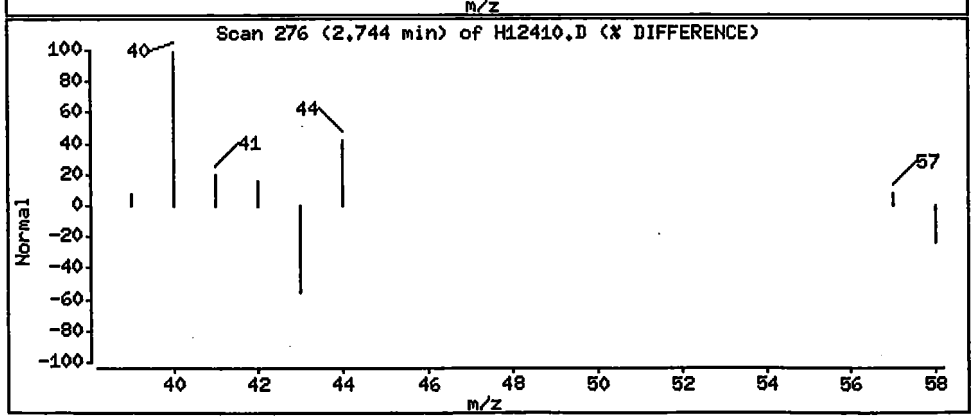
Column phase: J&W DB-624 Column diameter: 0.53

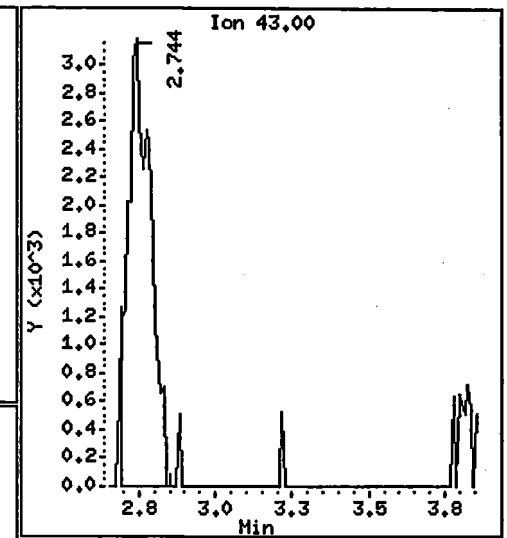
7 Acetone Concentration: 13.60 ug/L

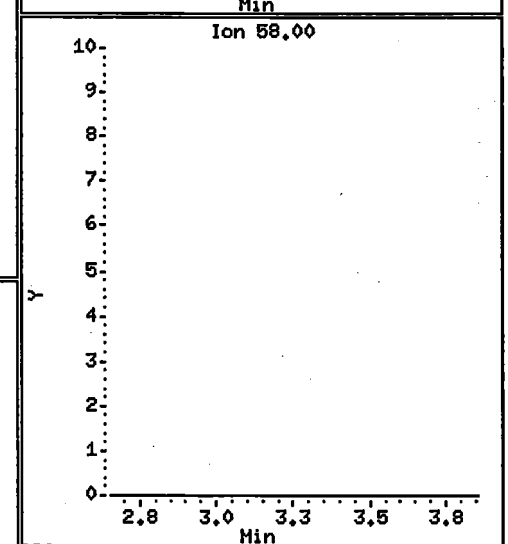












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12410.D

Date : 10-OCT-2000 09:11

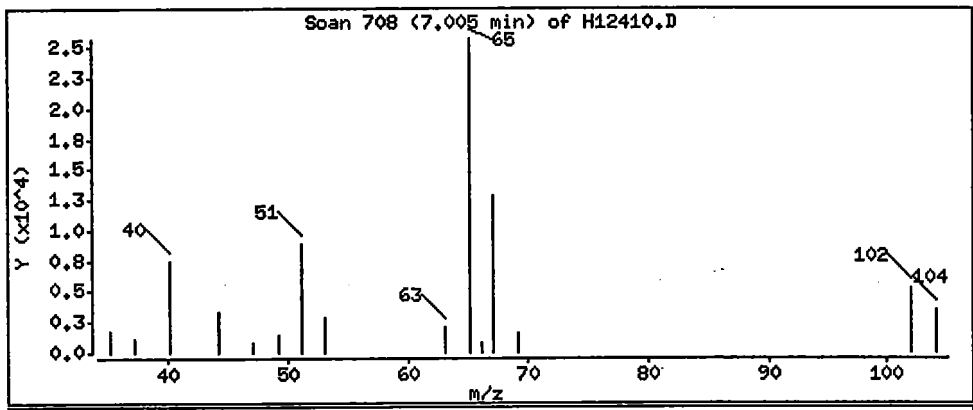
Client ID: H12410 Instrument: mh.i

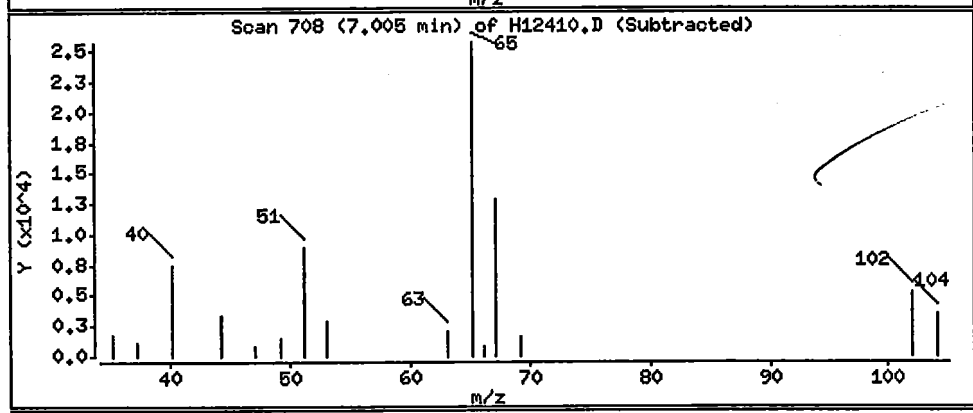
Sample Info: MB-1010AH,BLANK,1,,0,1,0,8260BHL.M,H12410

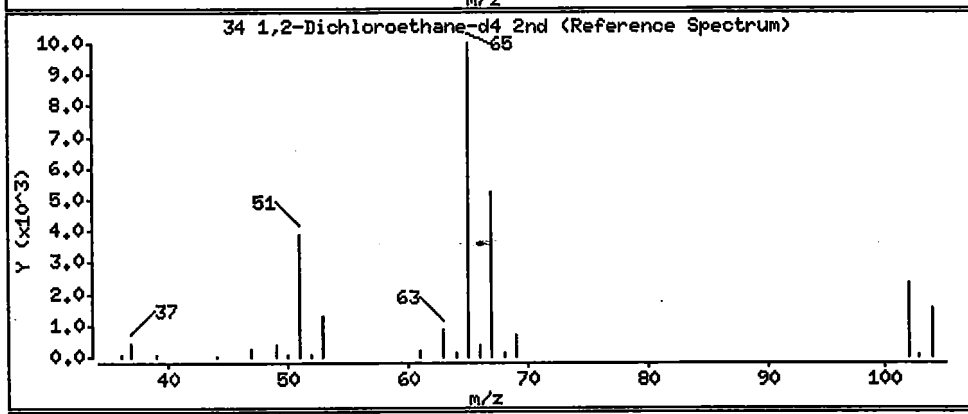
Purge Volume: 25.0 Operator: RRT

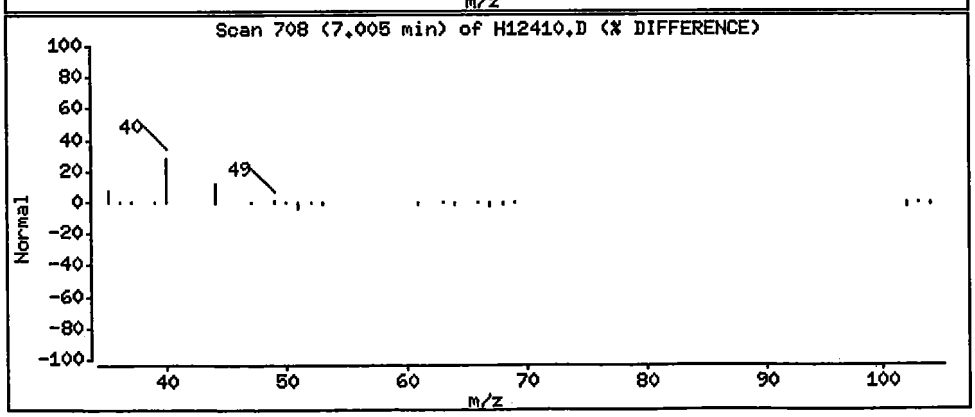
Column phase: J&W DB-624 Column diameter: 0.53

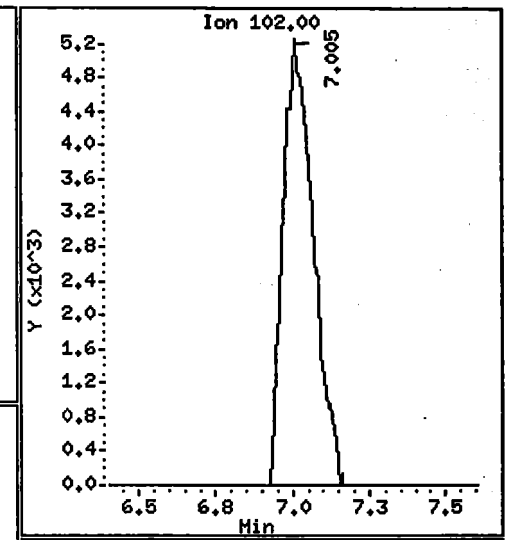
34 1,2-Dichloroethane-d4 2nd Concentration: 11.32 ug/L

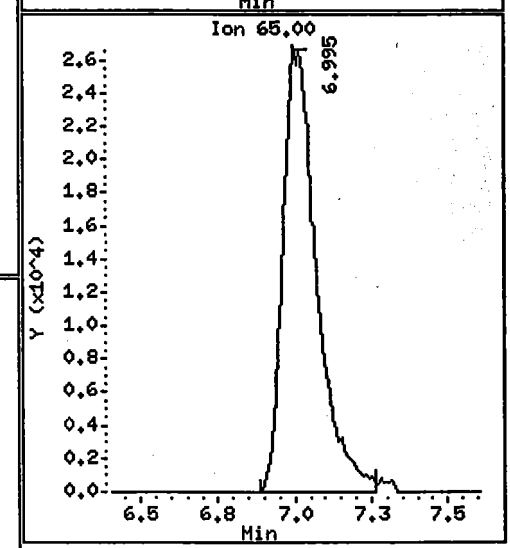












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12410.D

Date : 10-OCT-2000 09:11

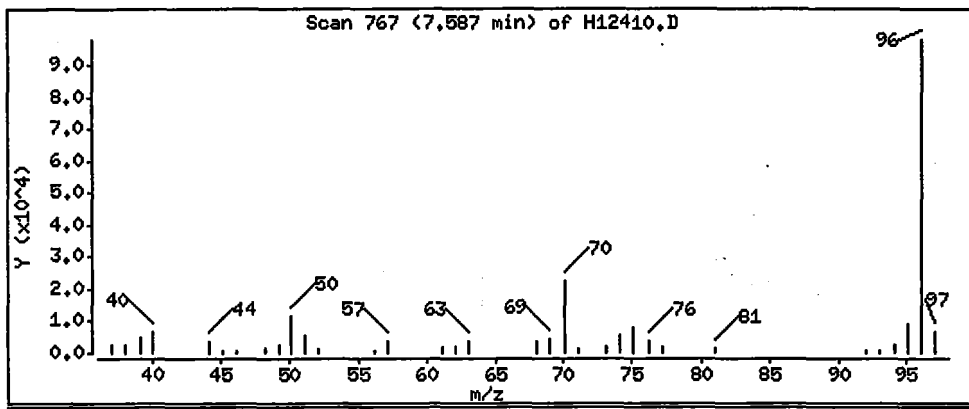
Client ID: H12410 Instrument: mh.i

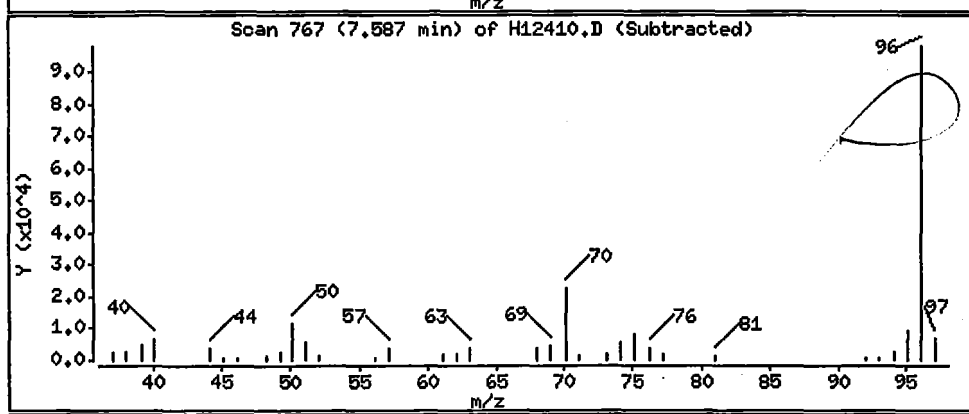
Sample Info: MB-1010AH,BLANK,1,,0,1,0,8260BHL.M,H12410

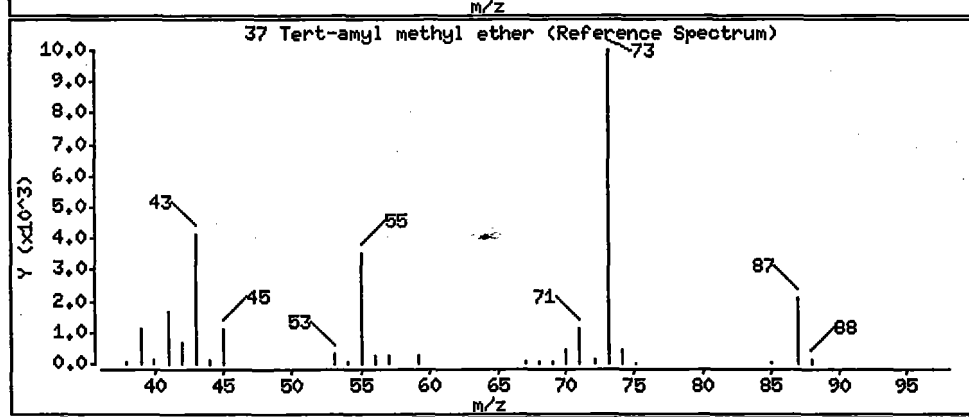
Purge Volume: 25.0 Operator: RRT

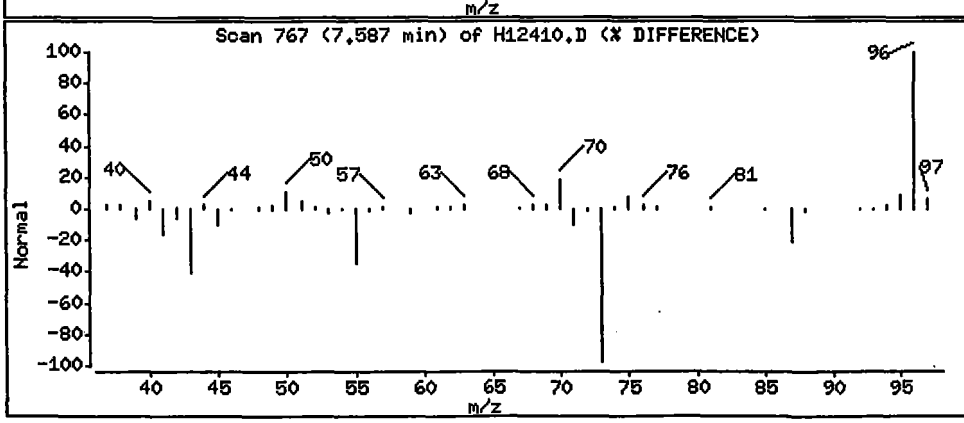
Column phase: J&W DB-624 Column diameter: 0.53

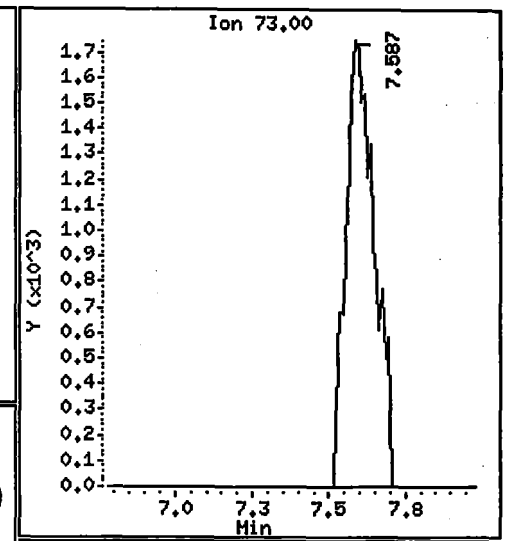
37 Tert-amyl methyl ether Concentration: 0.325 ug/L

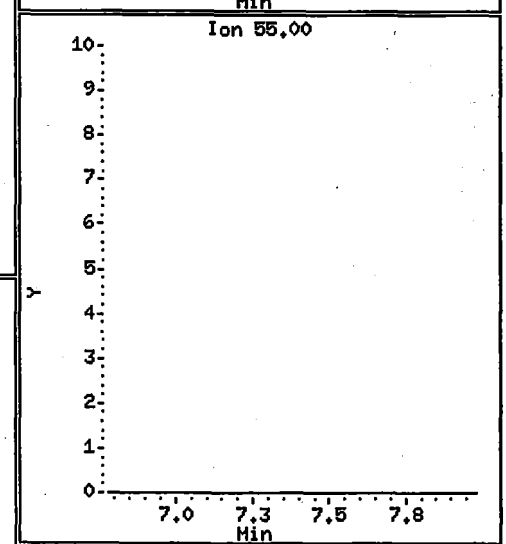


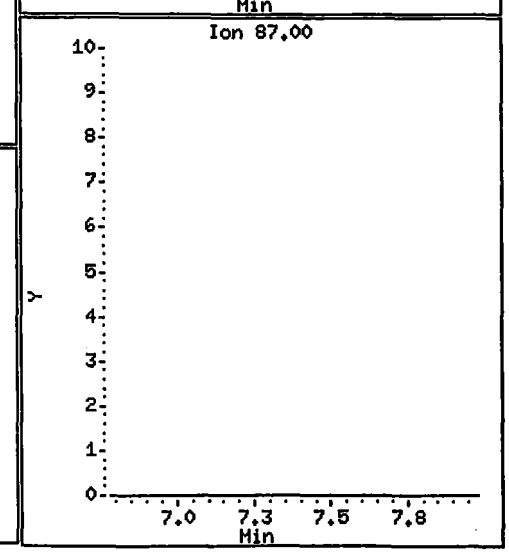












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12410.D

Date : 10-OCT-2000 09:11

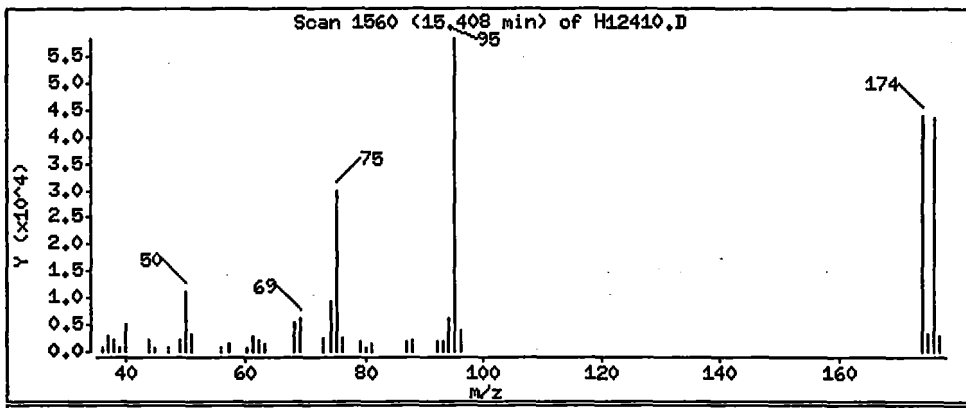
Client ID: H12410 Instrument: mh.i

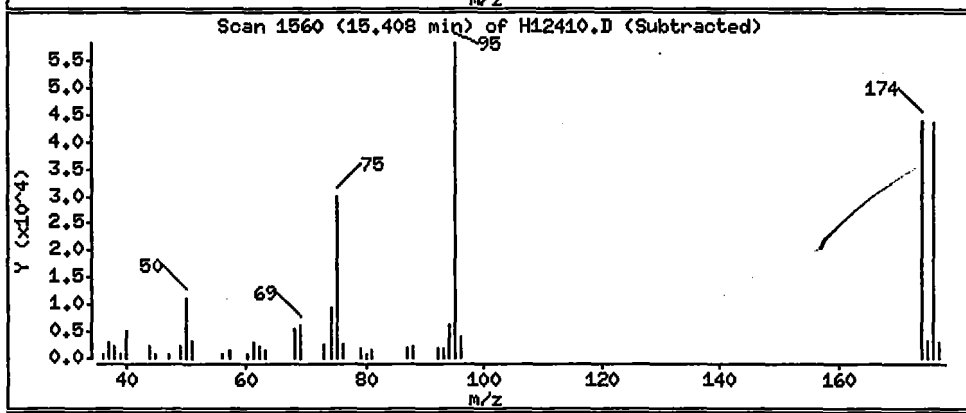
Sample Info: MB-1010AH,BLANK,1,,0,1,0,8260BHL.M,H12410

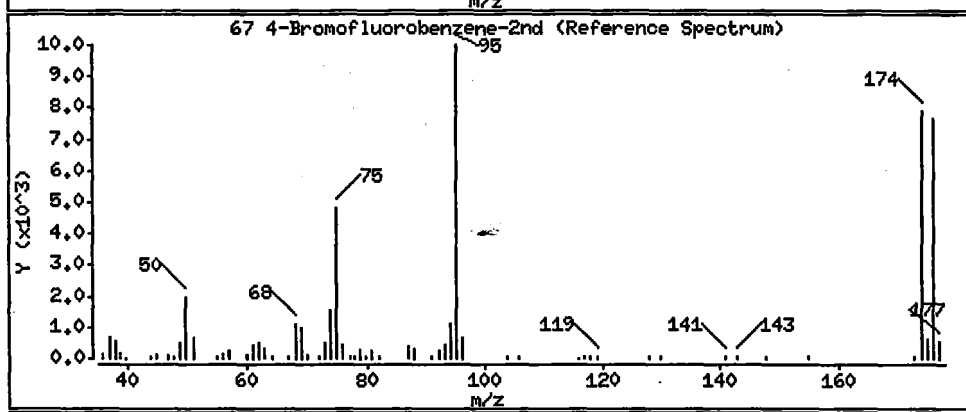
Purge Volume: 25.0 Operator: RRT

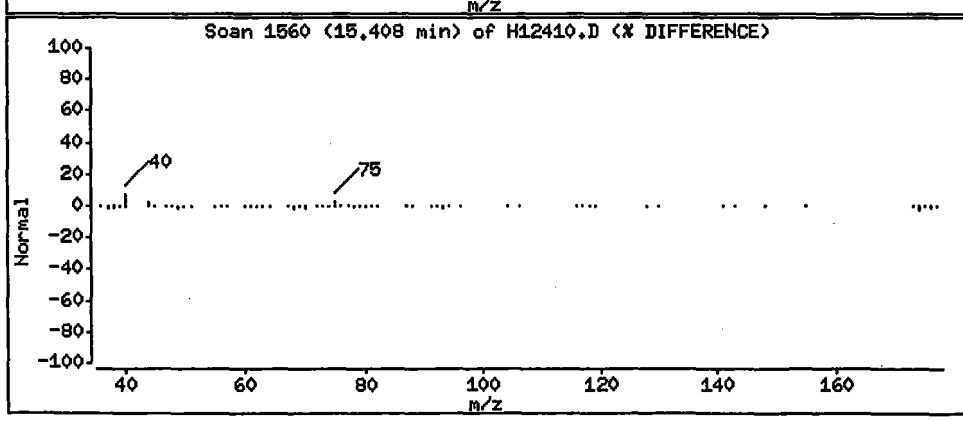
Column phase: J&W DB-624 Column diameter: 0.53

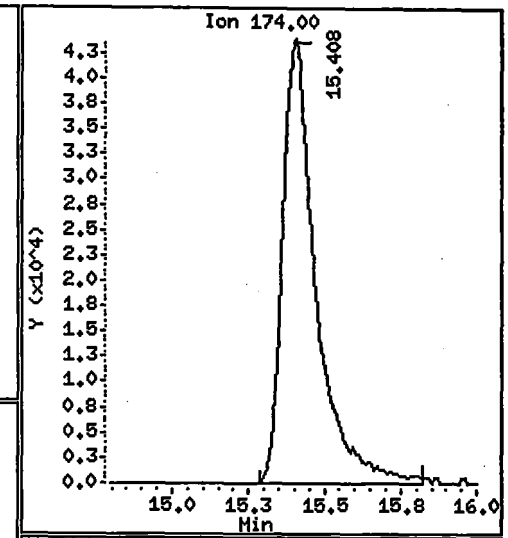
67 4-Bromofluorobenzene-2nd Concentration: 12.99 ug/L

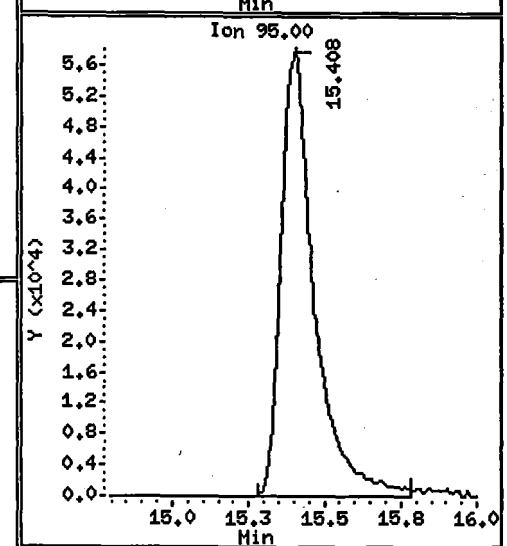


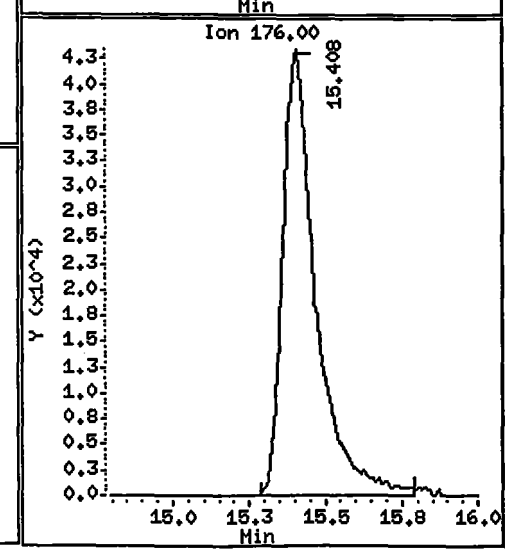












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12410.D

Date : 10-OCT-2000 09:11

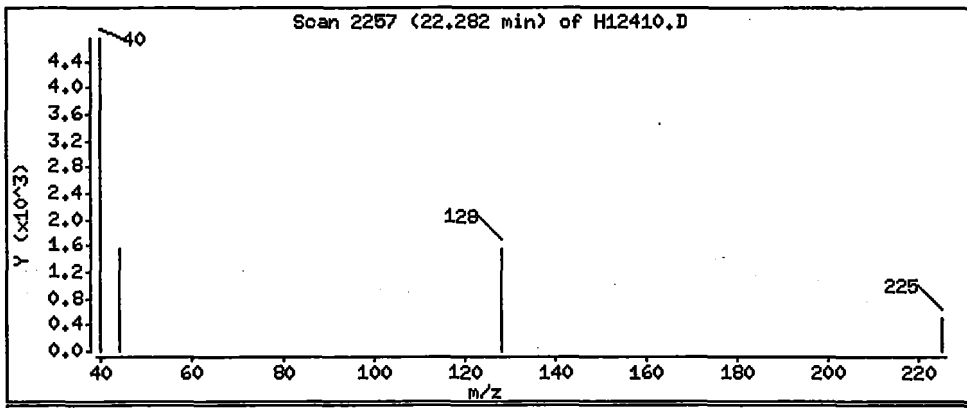
Client ID: H12410 Instrument: mh.i

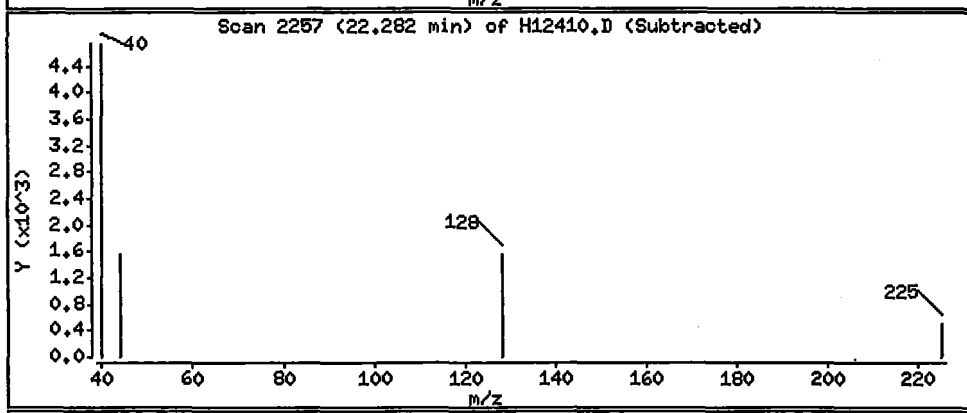
Sample Info: MB-1010AH,BLANK,1,,0,1,0,8260BHL.M,H12410

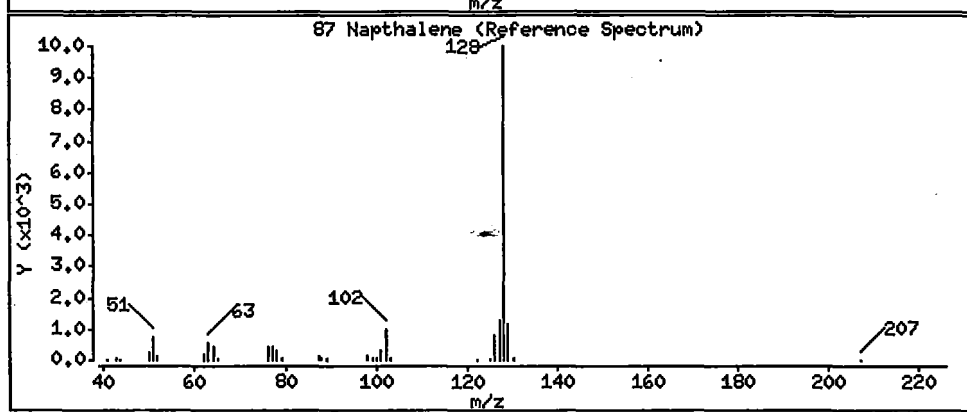
Purge Volume: 25.0 Operator: RRT

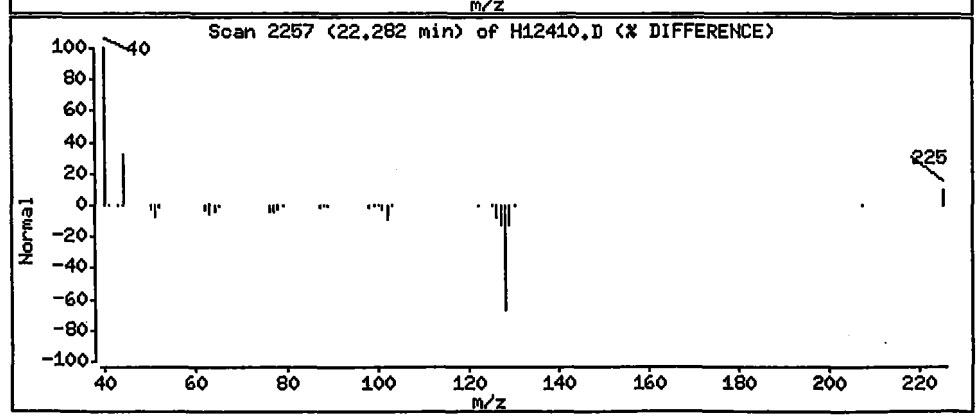
Column phase: J&W DB-624 Column diameter: 0.53

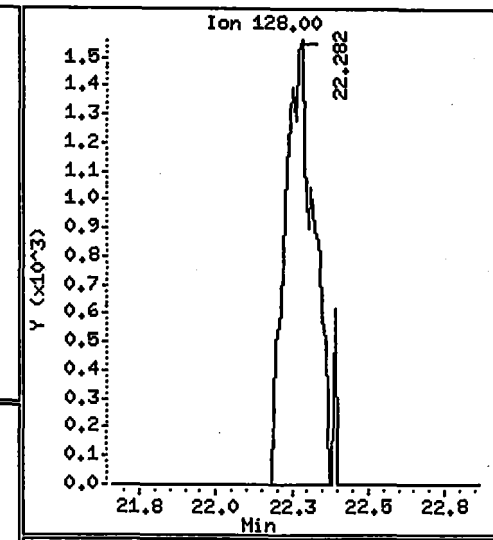
87 Napthalene Concentration: 0.369 ug/L

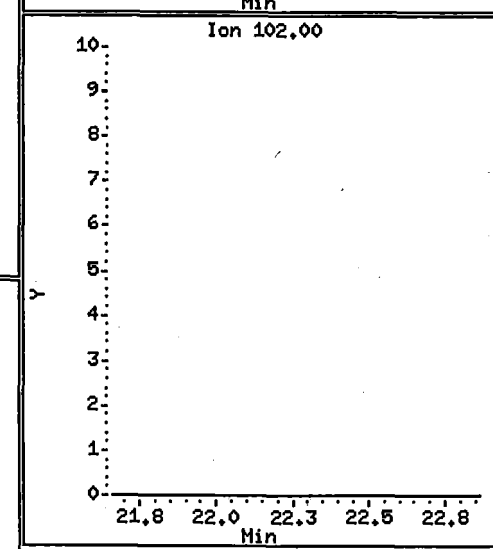












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\CHEM\MH.I\1010AH.B\H12427.D
Lab Smp Id: DLM2X102 Client Smp ID: H12427
Inj Date : 10-OCT-2000 18:14
Operator : RRT Inst ID: mh.i
Smp Info : DLM2X102,MS,1,,0,1,0,8260BHL.M,H12427
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.213	3.205	(0.423)	211290	10.3568	10.36
$ 29 Dibromofluoromethane	111	6.487	6.480	(0.853)	511252	13.2580	13.26(R)
$ 33 1,2-Dichloroethane-d4	65	7.020	6.993	(0.923)	209530	12.3419	12.34
34 1,2-Dichloroethane-d4 2nd	102	7.020	7.003	(0.923)	36397	11.7479	11.75(Q)
35 Benzene	78	7.108	7.101	(0.935)	535084	9.32153	9.32
* 38 Fluorobenzene	96	7.601	7.585	(1.000)	751584	10.0000	
39 Trichloroethene	130	8.243	8.236	(1.084)	479810	17.5112	17.51(R)
$ 47 Toluene-d8	98	10.412	10.415	(0.796)	587689	10.0288	10.03
48 Toluene (*)	91	10.521	10.534	(0.805)	672388	8.87826	8.88
* 56 Chlorobenzene-d5	117	13.075	13.078	(1.000)	528485	10.0000	
57 Chlorobenzene (**)	112	13.135	13.137	(1.005)	531761	9.96915	9.97
$ 66 4-Bromofluorobenzene	95	15.403	15.396	(1.178)	422879	9.89822	9.90
67 4-Bromofluorobenzene-2nd	174	15.403	15.396	(1.178)	338872	14.1483	14.15(Q)
* 79 1,4-Dichlorobenzene-d4	152	17.721	17.694	(1.000)	349110	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: H12427.D
Lab Smp Id: DLM2X102
Analysis Type: VOA
Quant Type: ISTD
Operator: RRT
Method File: \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 10-OCT-2000
Calibration Time: 08:00
Client Smp ID: H12427
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1079340	539670	2158680	751584	-30.37
56 Chlorobenzene-d5	706624	353312	1413248	528485	-25.21
79 1,4-Dichlorobenze	425667	212834	851334	349110	-17.99

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.58	7.08	8.08	7.60	0.22
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	-0.02
79 1,4-Dichlorobenze	17.69	17.19	18.19	17.72	0.15

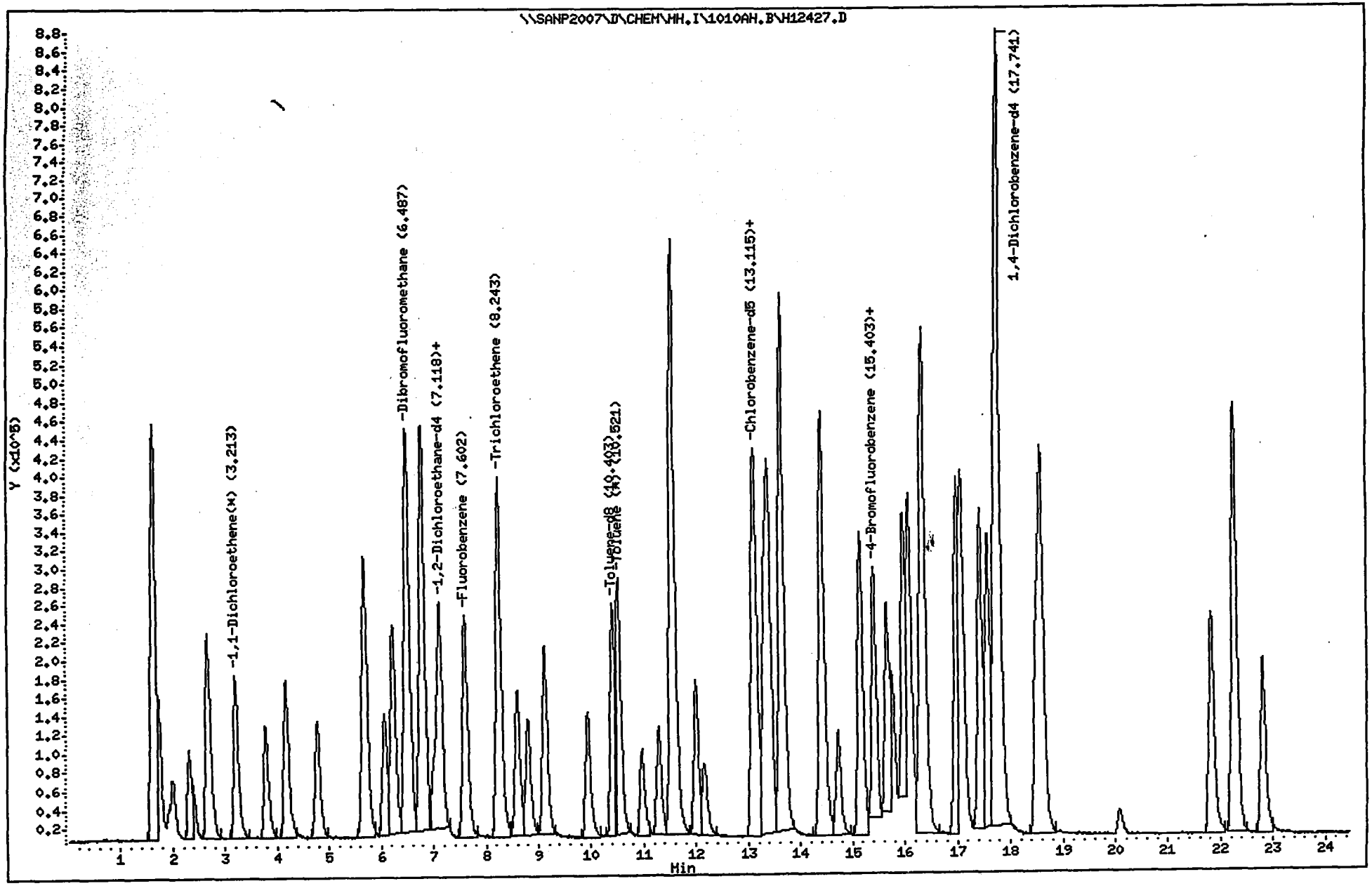
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\SANP2007\D\CHEM\MH.I\1010AH.B\H12427.D
Date : 10-OCT-2000 18:14
Client ID: H12427
Sample Info: DLM2X102,MS,1,,0,1,0,8260BHL,M,H12427
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: RRT
Column diameter: 0.53



000016

BOE-C6-0170953

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\CHEM\MH.I\1010AH.B\H12428.D
Lab Smp Id: DLM2X103 Client Smp ID: H12428
Inj Date : 10-OCT-2000 18:45
Operator : RRT Inst ID: mh.i
Smp Info : DLM2X103,MSD,1,,0,1,0,8260BHL.M,H12428
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 2 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.198	3.205	(0.421)	202010	10.5084	10.51
$ 29 Dibromofluoromethane	111	6.482	6.480	(0.853)	458430	12.6163	12.62
$ 33 1,2-Dichloroethane-d4	65	7.015	6.993	(0.923)	189096	11.8205	11.82
34 1,2-Dichloroethane-d4 2nd	102	7.025	7.003	(0.925)	32519	11.1392	11.14(Q)
35 Benzene	78	7.104	7.101	(0.935)	507823	9.38846	9.39
* 38 Fluorobenzene	96	7.597	7.585	(1.000)	708207	10.0000	
39 Trichloroethene	130	8.238	8.236	(1.084)	449907	17.4256	17.42(R)
$ 47 Toluene-d8	98	10.418	10.415	(0.796)	518576	9.43713	9.44
48 Toluene (*)	91	10.526	10.534	(0.805)	639835	9.00952	9.01
* 56 Chlorobenzene-d5	117	13.080	13.078	(1.000)	495572	10.0000	
57 Chlorobenzene (**)	112	13.130	13.137	(1.004)	502594	10.0481	10.05
$ 66 4-Bromofluorobenzene	95	15.408	15.396	(1.178)	382139	9.53867	9.54
67 4-Bromofluorobenzene-2nd	174	15.408	15.396	(1.178)	308068	13.7164	13.72(Q)
* 79 1,4-Dichlorobenzene-d4	152	17.716	17.694	(1.000)	325461	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: H12428.D
Lab Smp Id: DLM2X103
Analysis Type: VOA
Quant Type: ISTD
Operator: RRT
Method File: \\SANP2007\D\CHEM\MH.I\1010AH.B\8260BHL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 10-OCT-2000
Calibration Time: 08:00
Client Smp ID: H12428
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1079340	539670	2158680	708207	-34.39
56 Chlorobenzene-d5	706624	353312	1413248	495572	-29.87
79 1,4-Dichlorobenze	425667	212834	851334	325461	-23.54

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.58	7.08	8.08	7.60	0.16
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	0.02
79 1,4-Dichlorobenze	17.69	17.19	18.19	17.72	0.12

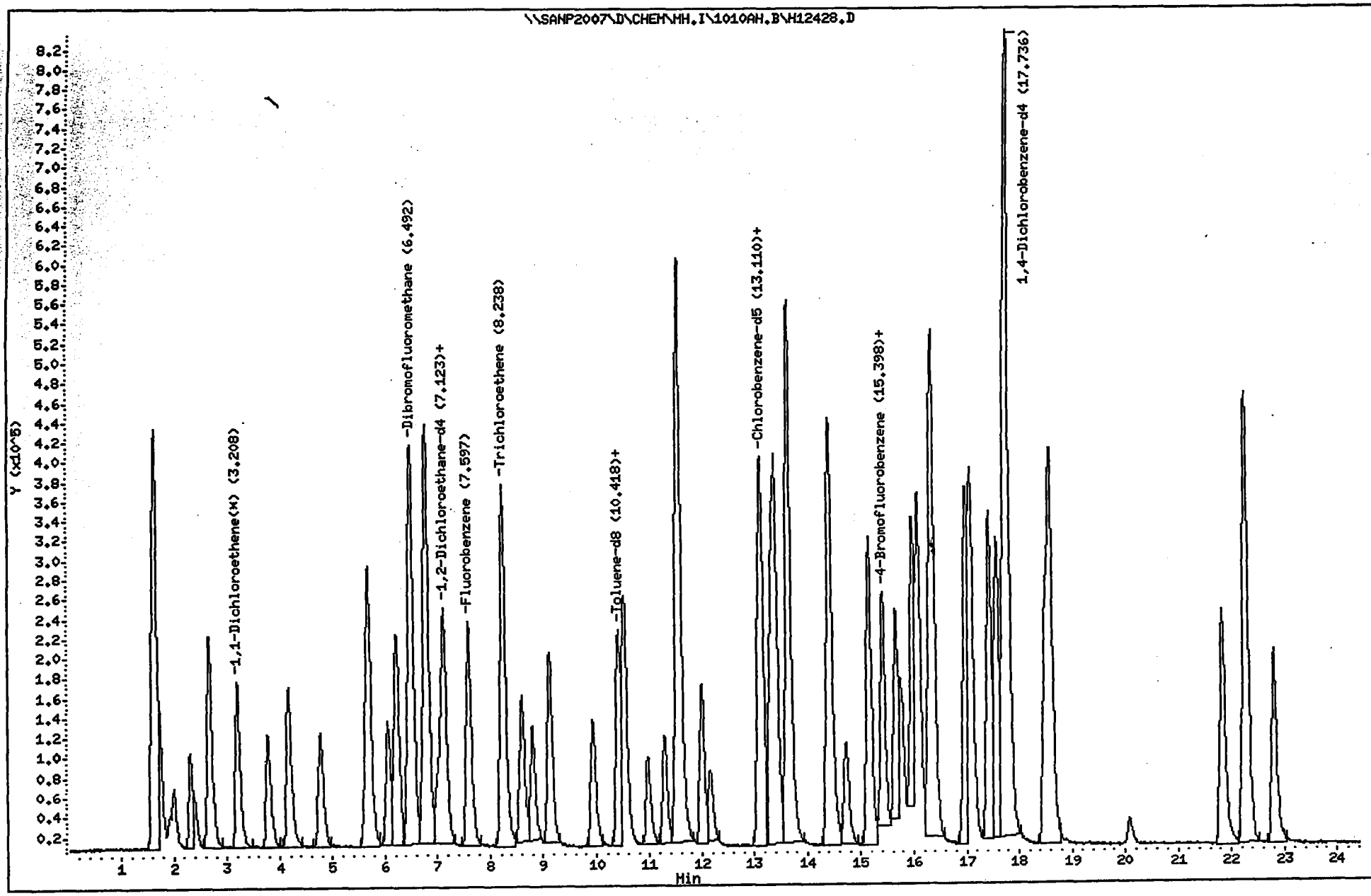
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\SANP2007\D\CHEM\MH.I\1010AH.B\H12428.D
Date : 10-OCT-2000 18:45
Client ID: H12428
Sample Info: DLH2X103,MSD,1,,0,1,0,8260BHL.M,H12428
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: RRT
Column diameter: 0.53



000420

BOE-C6-0170957

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D
Lab Smp Id: DLQ33101 Client Smp ID: H12413
Inj Date : 10-OCT-2000 11:10
Operator : RRT Inst ID: mh.i
Smp Info : DLQ33101,,1,,0,1,0,8260BHL.M,H12413
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
7 Acetone	43	3.241	3.255	(0.428)	8882	6.49468	6.49(a)
17 Methyl-tert-butyl ether[MTBE]	73	4.178	4.192	(0.551)	55411	1.75629	1.76
$ 29 Dibromofluoromethane	111	6.467	6.480	(0.853)	606733	13.3544	13.35(R)
$ 33 1,2-Dichloroethane-d4	65	7.009	6.993	(0.925)	226875	11.3424	11.34
34 1,2-Dichloroethane-d4 2nd	102	6.999	7.003	(0.923)	41892	11.4766	11.48
* 38 Fluorobenzene	96	7.581	7.585	(1.000)	885506	10.0000	
$ 47 Toluene-d8	98	10.422	10.415	[0.796)	676501	9.80709	9.81
* 56 Chlorobenzene-d5	117	13.085	13.078	(1.000)	622102	10.0000	
$ 66 4-Bromofluorobenzene	95	15.402	15.396	(1.177)	473111	9.40752	9.41
67 4-Bromofluorobenzene-2nd	174	15.402	15.396	[1.177)	367178	13.0232	13.02(Q)
* 79 1,4-Dichlorobenzene-d4	152	17.700	17.694	(1.000)	366465	10.0000	[Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: H12413.D
Lab Smp Id: DLQ33101
Analysis Type: VOA
Quant Type: ISTD
Operator: RRT
Method File: \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 10-OCT-2000
Calibration Time: 08:00
Client Smp ID: H12413
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1079340	539670	2158680	885506	-17.96
56 Chlorobenzene-d5	706624	353312	1413248	622102	-11.96
79 1,4-Dichlorobenze	425667	212834	851334	366465	-13.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.58	7.08	8.08	7.58	-0.05
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	0.05
79 1,4-Dichlorobenze	17.69	17.19	18.19	17.70	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D
Lab Smp Id: DLQ33101 Client Smp ID: H12413
Inj Date : 10-OCT-2000 11:10
Operator : RRT Inst ID: mh.i
Smp Info : DLQ33101,,1,,0,1,0,8260BHL.M,H12413
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.581	1855830	10.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.594	219675	1.18370072	1.18	0		0	38

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D
Lab Smp Id: DLQ33101 Client Smp ID: H12413
Inj Date : 10-OCT-2000 11:10
Operator : RRT Inst ID: mh.i
Smp Info : DLQ33101,,1,,0,1,0,8260BHL.M,H12413
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.581	1855830	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.594	219675	1.18370072	1.18	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLQ33101
Operator : RRT
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa46847
Client Smp ID: H12413
Sample Date:
Sample Point:
Date Received:
Level: LOW

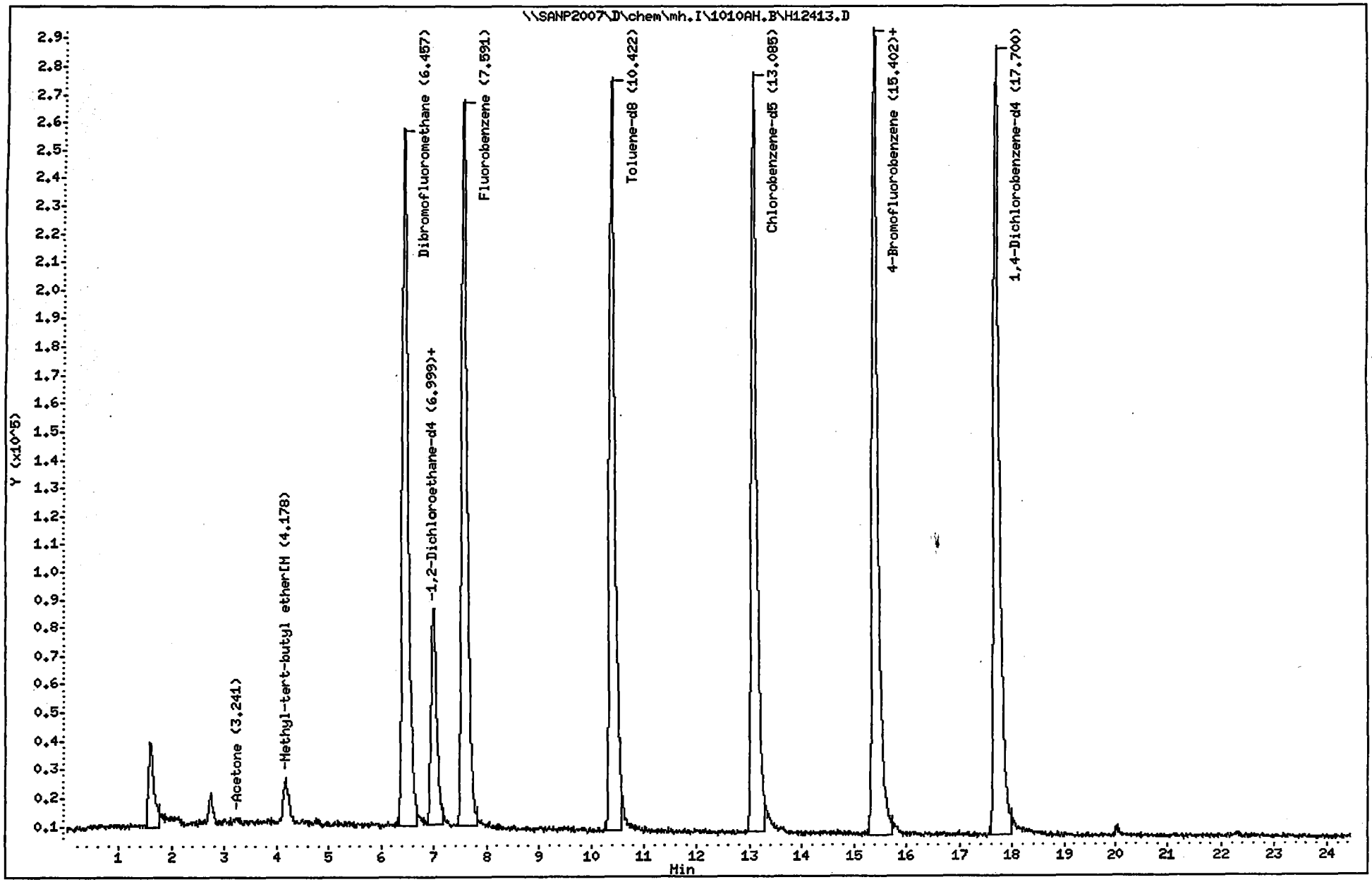
Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown gw	1.594	1.18	J

Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D
Date : 10-OCT-2000 11:10
Client ID: H12413
Sample Info: DLQ33101,,1,,0,1,0,8260BHL.M,H12413
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: RRT
Column diameter: 0.53



000427

BOE-C6-0170964

Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D

Date : 10-OCT-2000 11:10

Client ID: H12413

Instrument: mh.i

Sample Info: DLQ33101,,1,,0,1,0,8260BHL.M,H12413

Purge Volume: 25.0

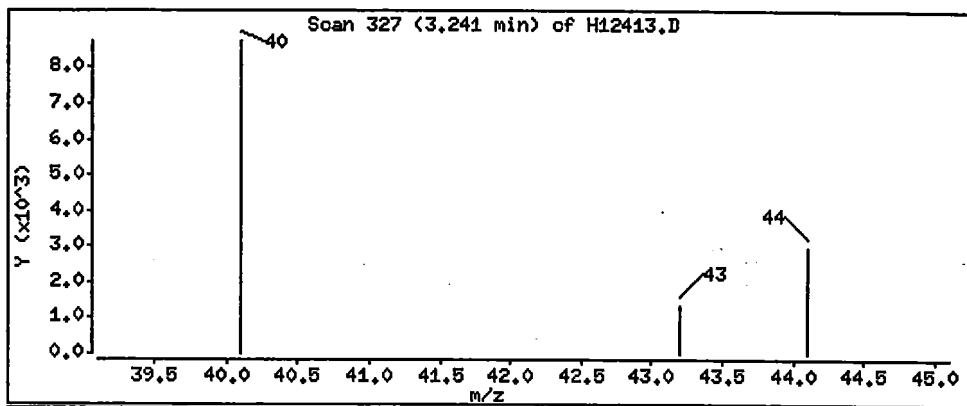
Operator: RRT

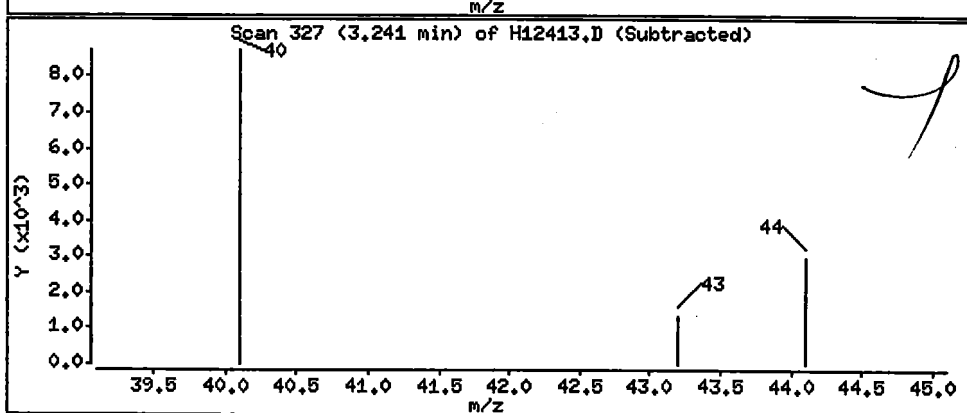
Column phase: J&W DB-624

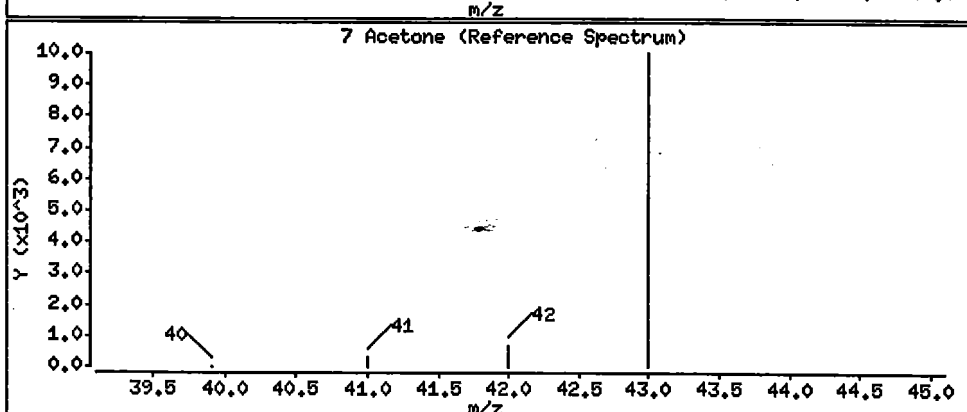
Column diameter: 0.53

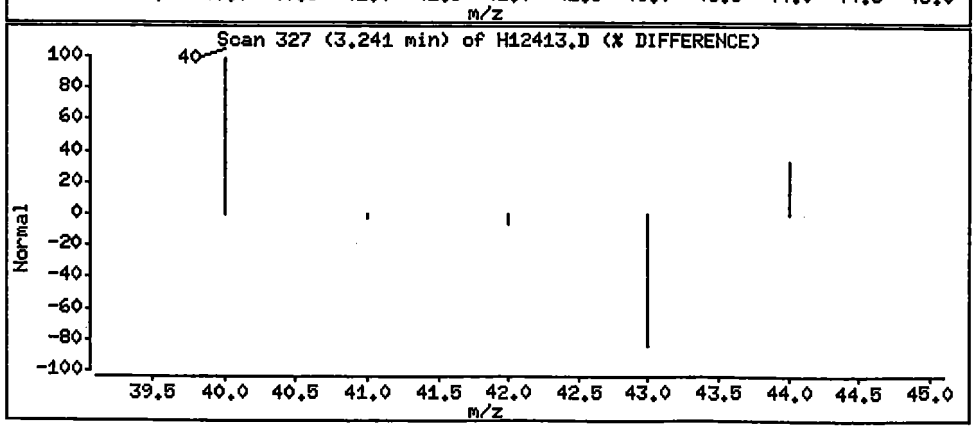
7 Acetone

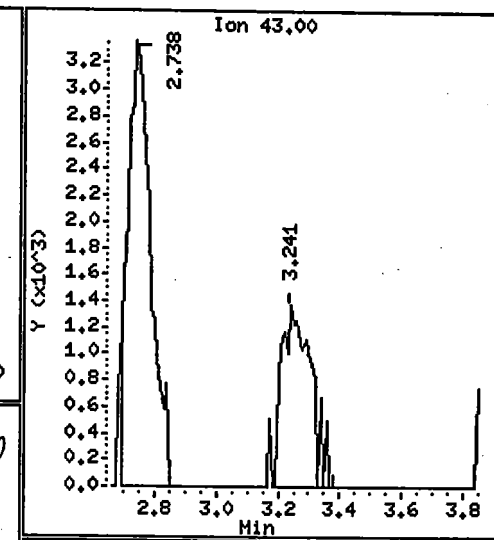
Concentration: 6.49 ug/L

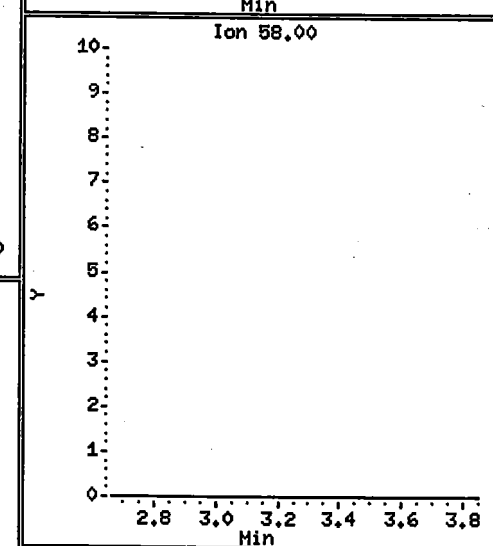












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D

Date : 10-OCT-2000 11:10

Client ID: H12413

Instrument: mh.i

Sample Info: DLQ33101,,1,,0,1,0,8260BHL.M,H12413

Purge Volume: 25.0

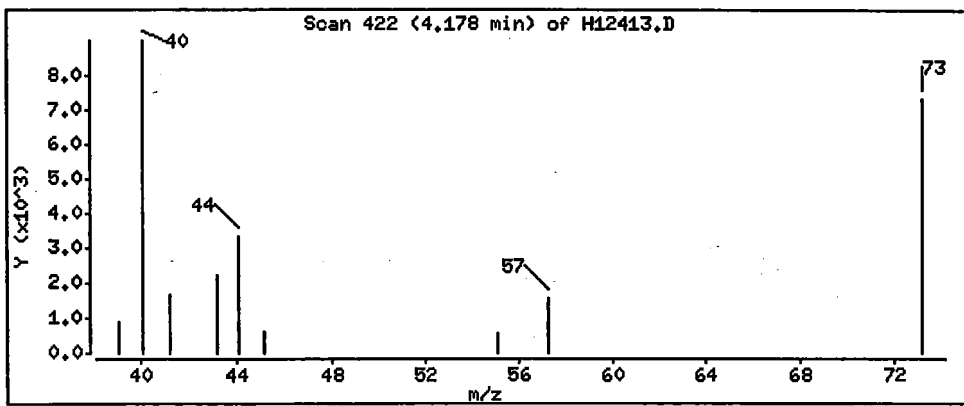
Operator: RRT

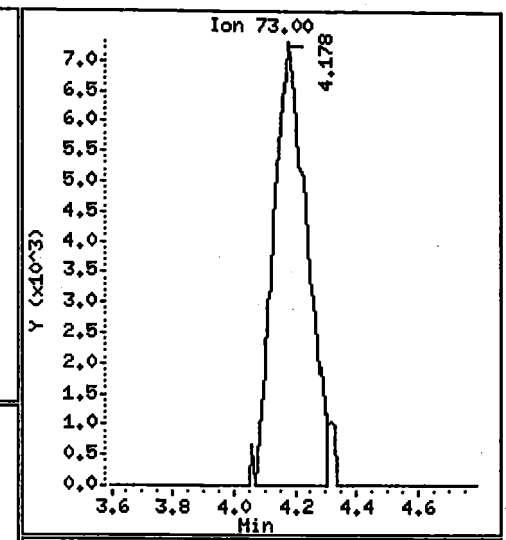
Column phase: J&W DB-624

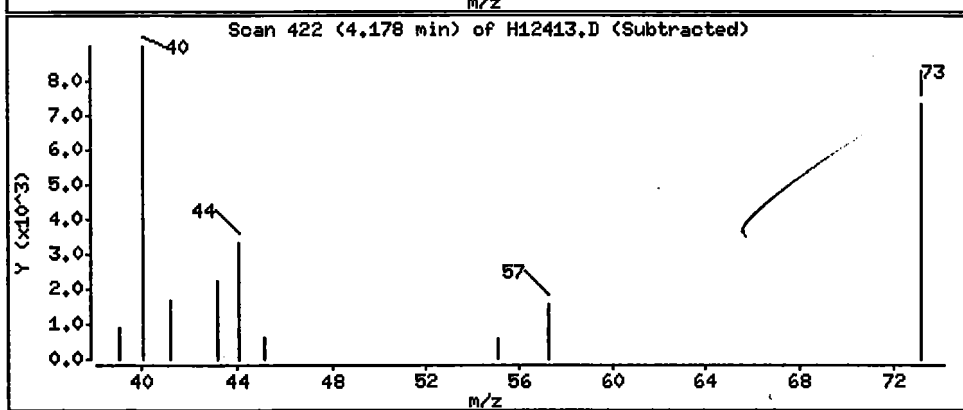
Column diameter: 0.53

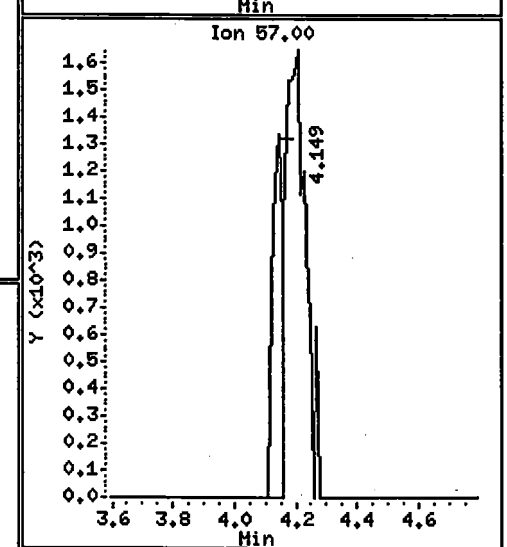
17 Methyl-tert-butyl ether[MTBE]

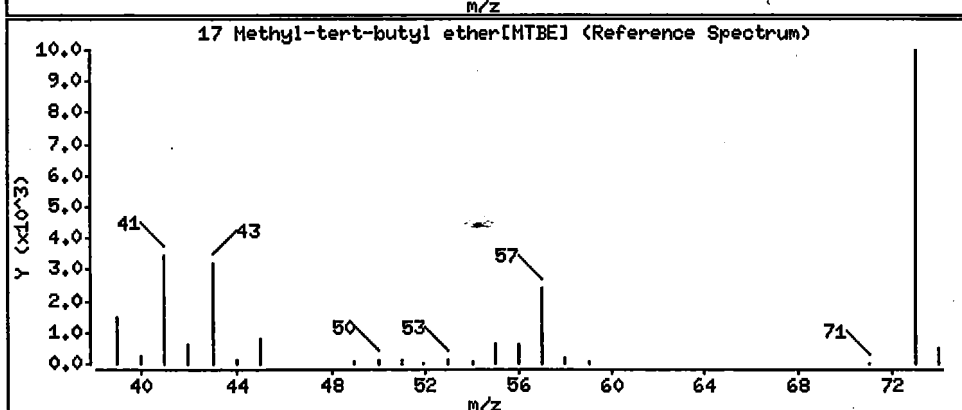
Concentration: 1.76 ug/L

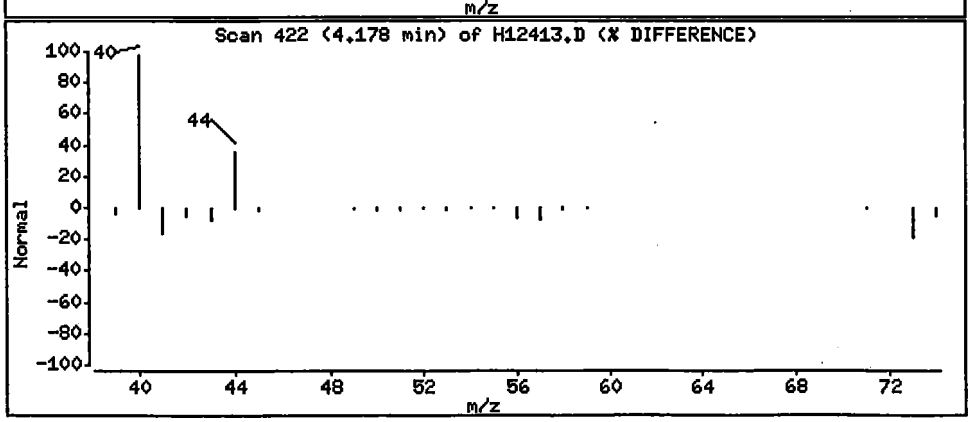












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D

Date : 10-OCT-2000 11:10

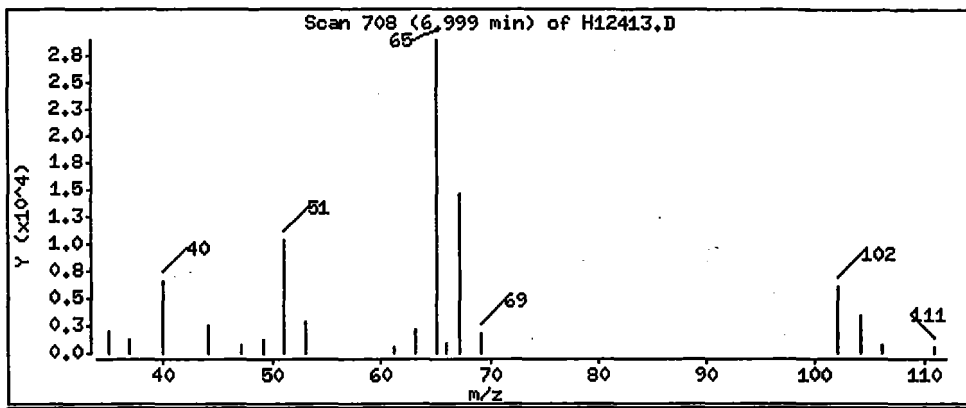
Client ID: H12413 Instrument: mh.i

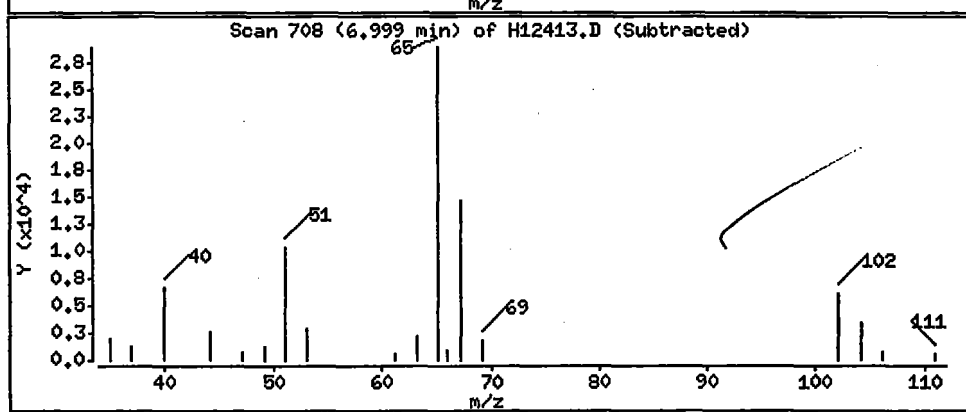
Sample Info: DLQ33101,,1,,0,1,0,8260BHL.M,H12413

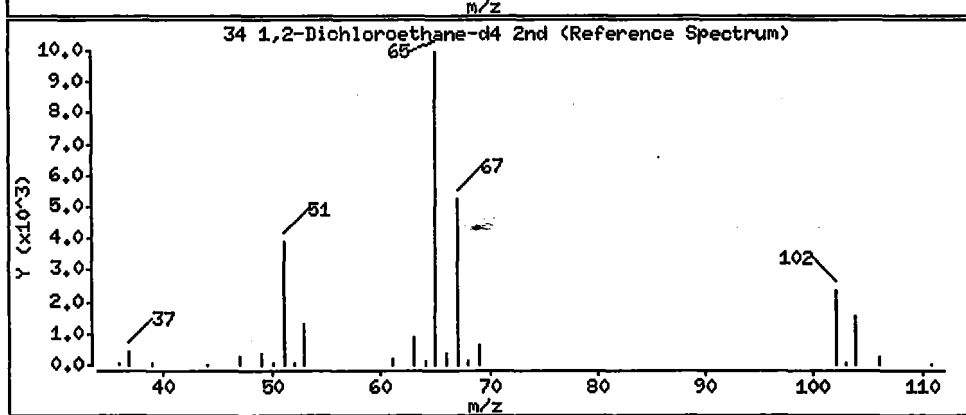
Purge Volume: 25.0 Operator: RRT

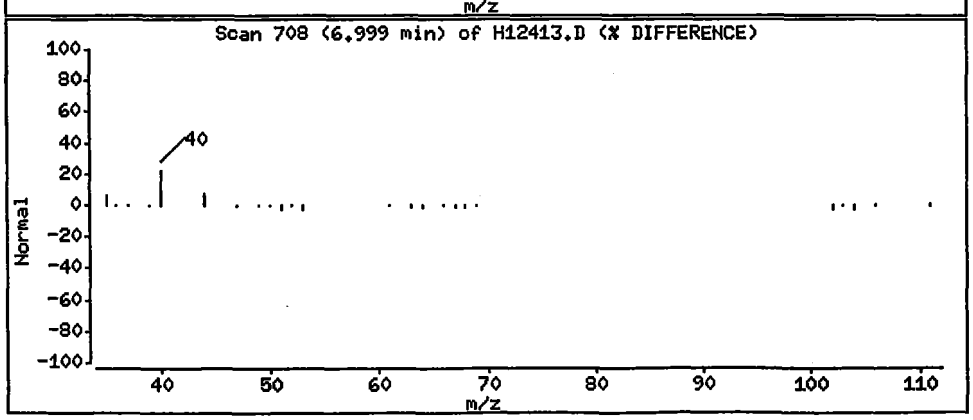
Column phase: J&W DB-624 Column diameter: 0.53

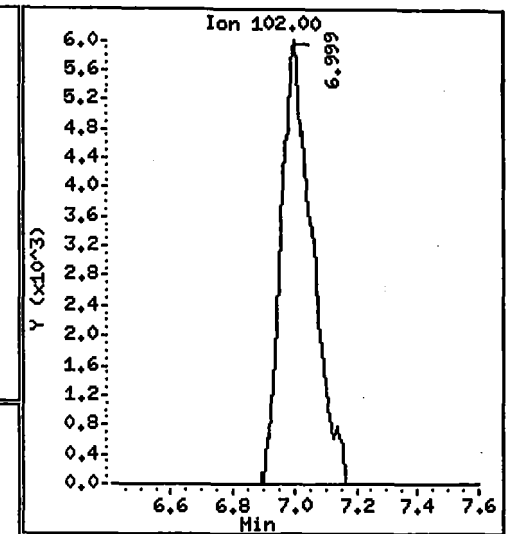
34 1,2-Dichloroethane-d4 2nd Concentration: 11.48 ug/L

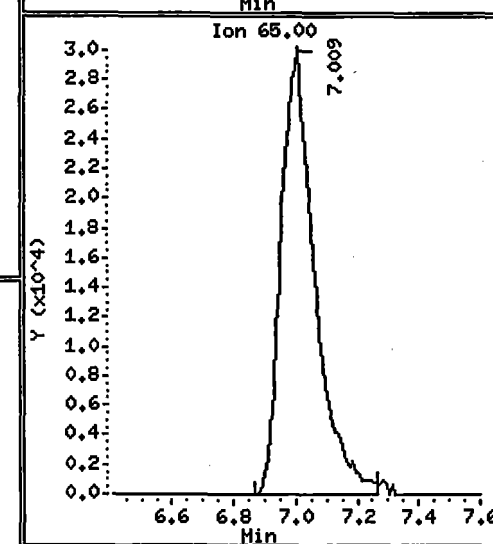












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D

Date : 10-OCT-2000 11:10

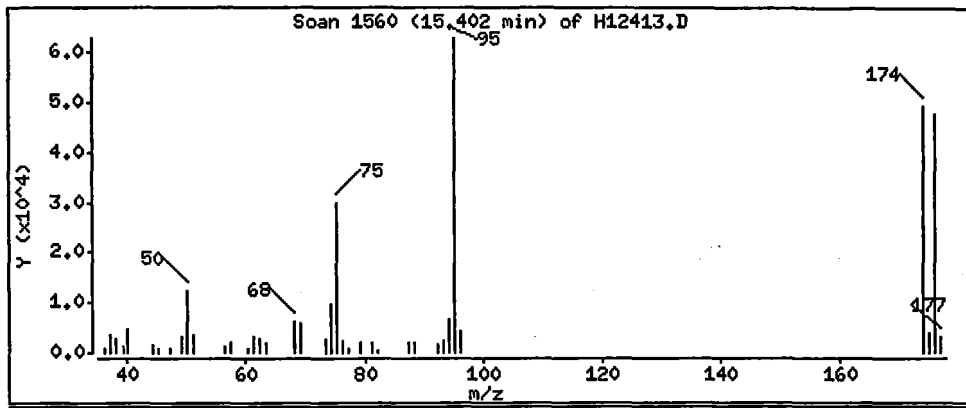
Client ID: H12413 Instrument: mh.i

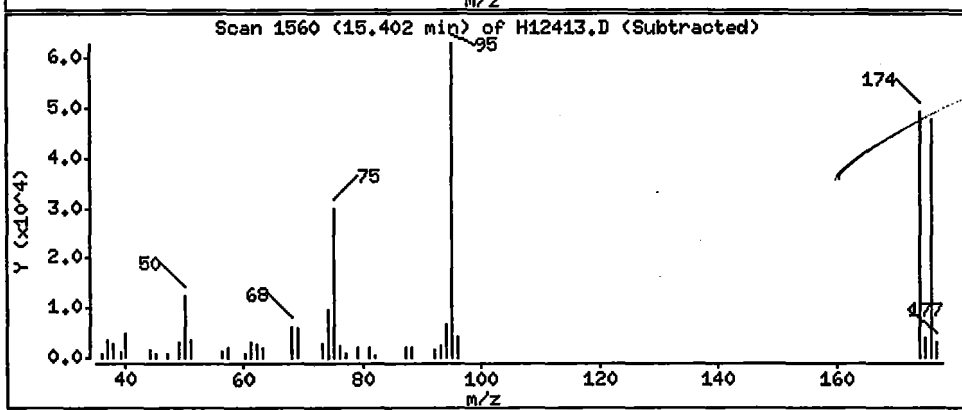
Sample Info: DLQ33101,,1,,0,1,0,8260BHL.M,H12413

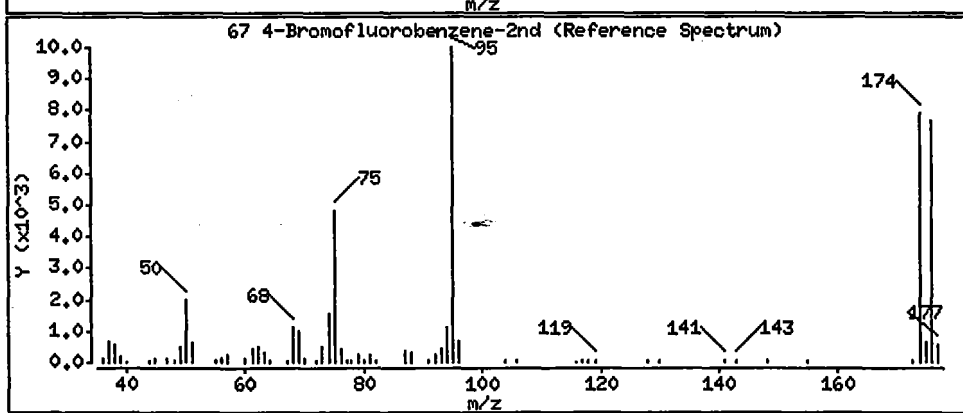
Purge Volume: 25.0 Operator: RRT

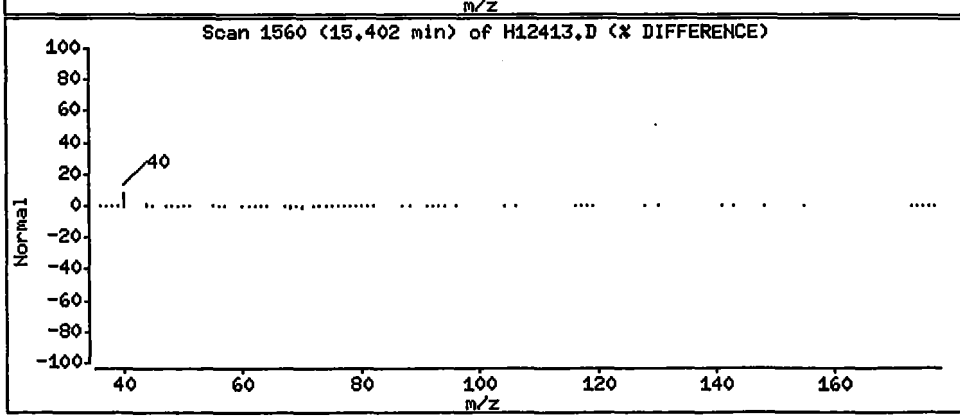
Column phase: J&W DB-624 Column diameter: 0.53

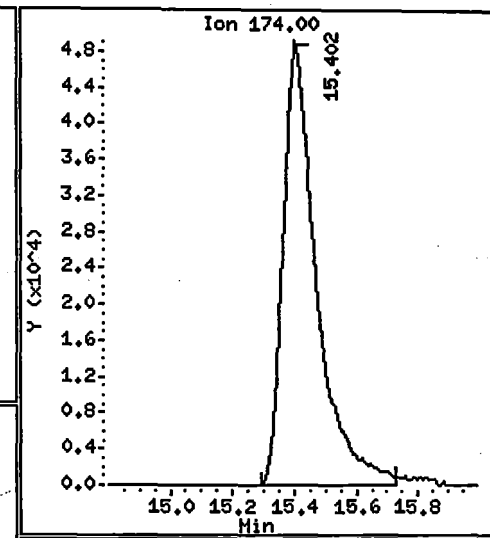
67 4-Bromofluorobenzene-2nd Concentration: 13.02 ug/L

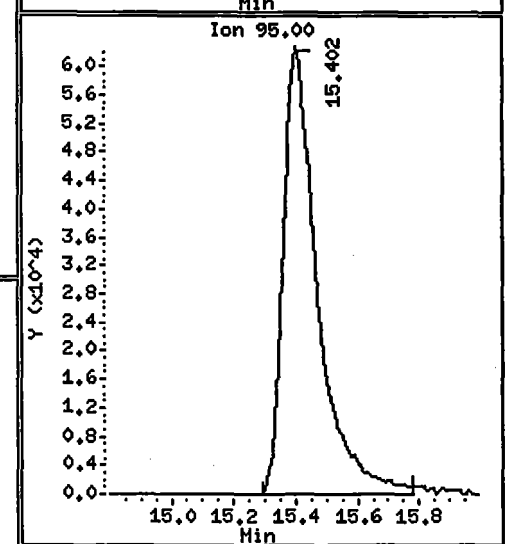


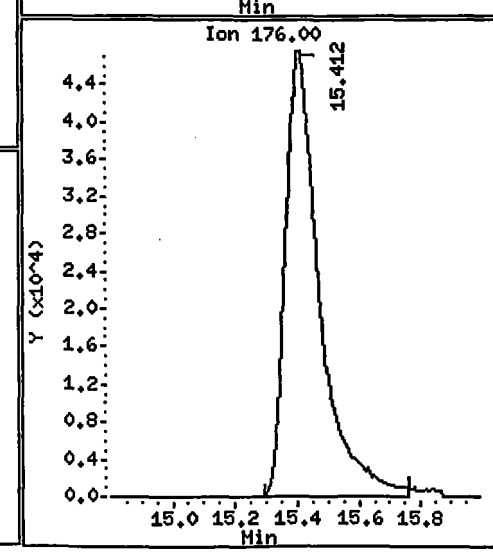












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12413.D

Date : 10-OCT-2000 11:10

Client ID: H12413

Instrument: mh.i

Sample Info: DLQ33101,,1,,0,1,0,8260BHL.M,H12413

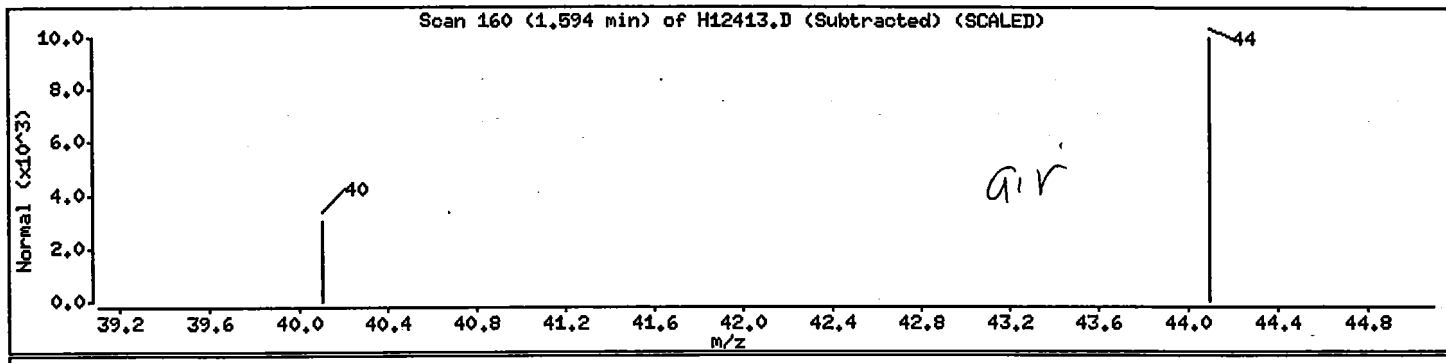
Purge Volume: 25.0

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1010AH.B\H12415.D
Lab Smp Id: DLTAK101 Client Smp ID: H12415
Inj Date : 10-OCT-2000 12:10
Operator : RRT Inst ID: mh.i
Smp Info : DLTAK101,,1,,0,1,0,8260BHL.M,H12415
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
7 Acetone	43	2.753	3.255	(0.362)	16449	12.1291	12.13
$ 29 Dibromofluoromethane	111	6.481	6.480	(0.853)	576230	12.7907	12.79
$ 33 1,2-Dichloroethane-d4	65	7.004	6.993	(0.922)	219439	11.0638	11.06
34 1,2-Dichloroethane-d4 2nd	102	7.004	7.003	(0.922)	36871	10.1868	10.19(Q)
* 38 Fluorobenzene	96	7.596	7.585	(1.000)	878054	10.0000	
$ 47 Toluene-d8	98	10.406	10.415	(0.796)	651510	9.31860	9.32
* 56 Chlorobenzene-d5	117	13.079	13.078	(1.000)	630527	10.0000	
$ 66 4-Bromofluorobenzene	95	15.407	15.396	(1.178)	460833	9.04094	9.04
67 4-Bromofluorobenzene-2nd	174	15.407	15.396	(1.178)	367213	12.8504	12.85(Q)
* 79 1,4-Dichlorobenzene-d4	152	17.715	17.694	(1.000)	368662	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mh.i
Lab File ID: H12415.D
Lab Smp Id: DLTAK101
Analysis Type: VOA
Quant Type: ISTD
Operator: RRT
Method File: \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 10-OCT-2000
Calibration Time: 08:00
Client Smp ID: H12415
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1079340	539670	2158680	878054	-18.65
56 Chlorobenzene-d5	706624	353312	1413248	630527	-10.77
79 1,4-Dichlorobenze	425667	212834	851334	368662	-13.39

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.58	7.08	8.08	7.60	0.14
56 Chlorobenzene-d5	13.08	12.58	13.58	13.08	0.01
79 1,4-Dichlorobenze	17.69	17.19	18.19	17.71	0.12

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2007\D\chem\mh.I\1010AH.B\H12415.D
Lab Smp Id: DLTAK101 Client Smp ID: H12415
Inj Date : 10-OCT-2000 12:10
Operator : RRT Inst ID: mh.i
Smp Info : DLTAK101,,1,,0,1,0,8260BHL.M,H12415
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2007\D\chem\mh.I\1010AH.B\8260BHL.m
Meth Date : 10-Oct-2000 16:19 donga Quant Type: ISTD
Cal Date : 04-OCT-2000 23:47 Cal File: HS2163.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2007

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTAK101
Operator : RRT
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa46847
Client Smp ID: H12415
Sample Date:
Sample Point:
Date Received:
Level: LOW

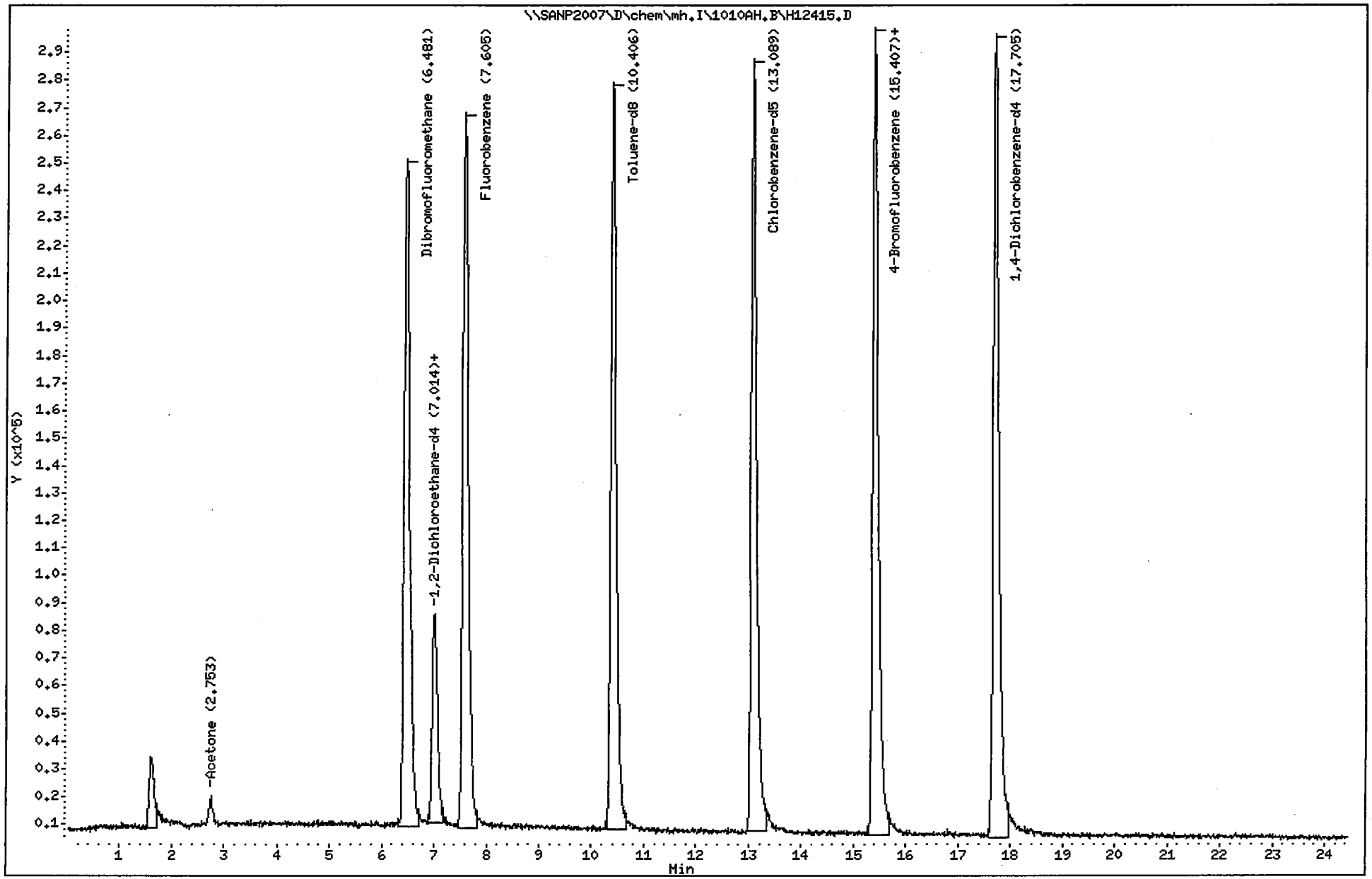
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12415.D
Date : 10-OCT-2000 12:10
Client ID: H12415
Sample Info: DLTAK101,,1,,0,1,0,8260BHL.M,H12415
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mh.i
Operator: RRT
Column diameter: 0.53



000437

BOE-C6-0170974

Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12415.D

Date : 10-OCT-2000 12:10

Client ID: H12415

Instrument: mh.i

Sample Info: DLTAK101,,1,,0,1,0,8260BHL.M,H12415

Purge Volume: 25.0

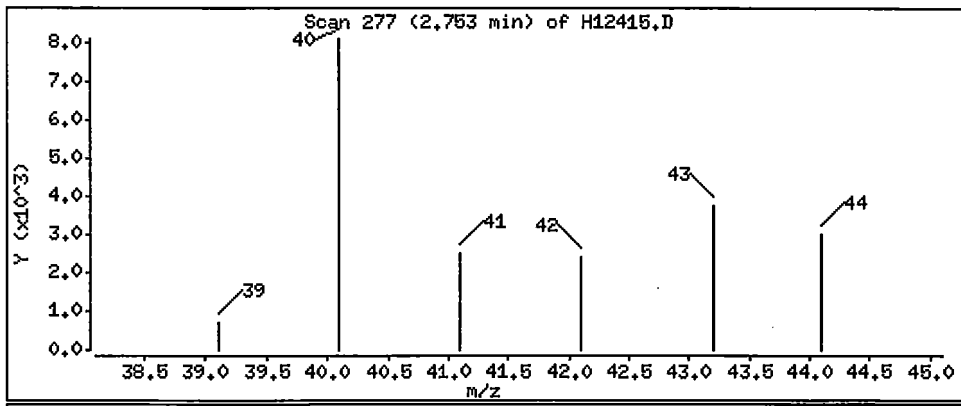
Operator: RRT

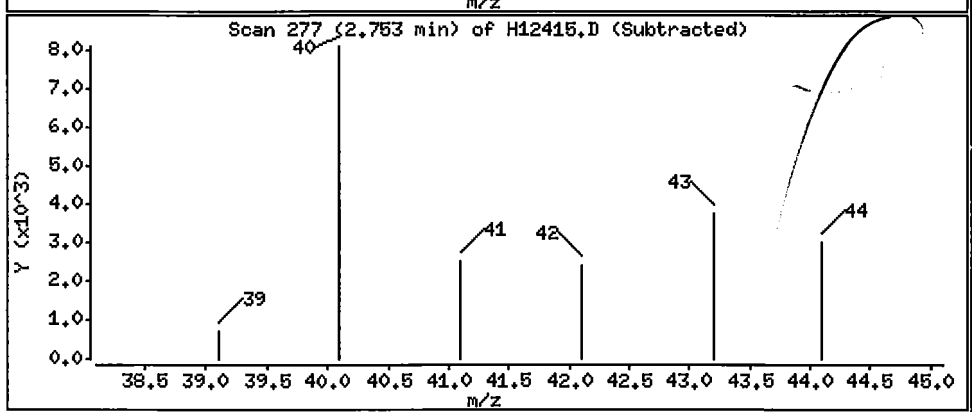
Column phase: J&W DB-624

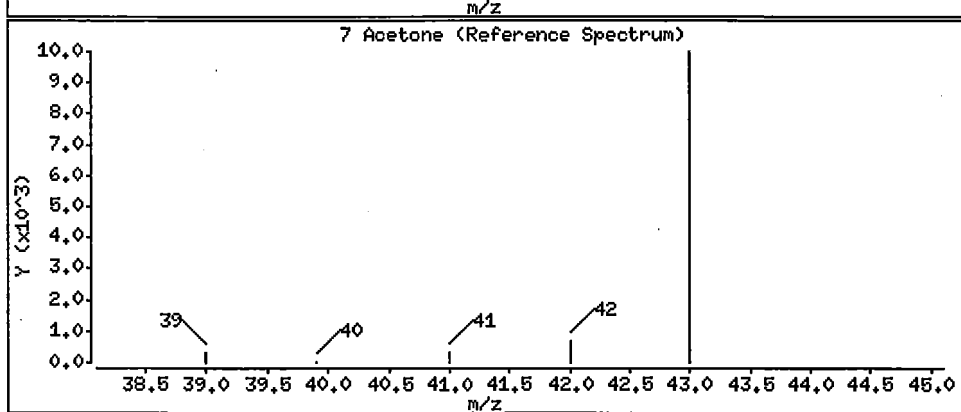
Column diameter: 0.53

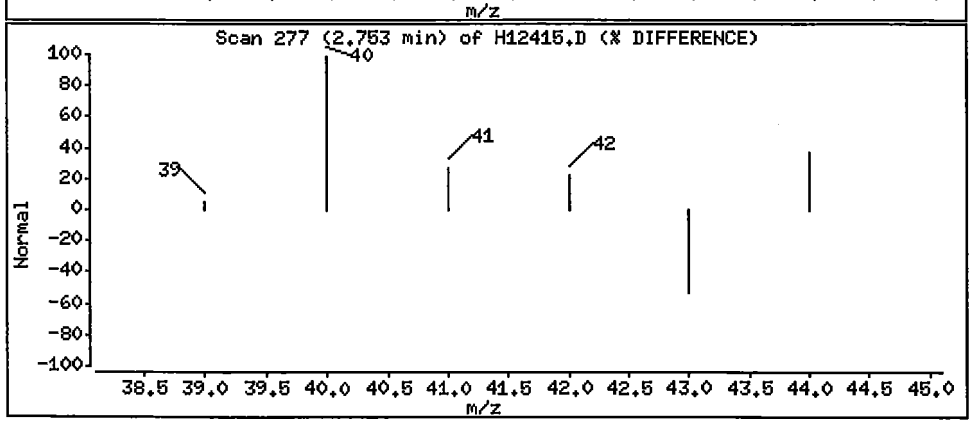
7 Acetone

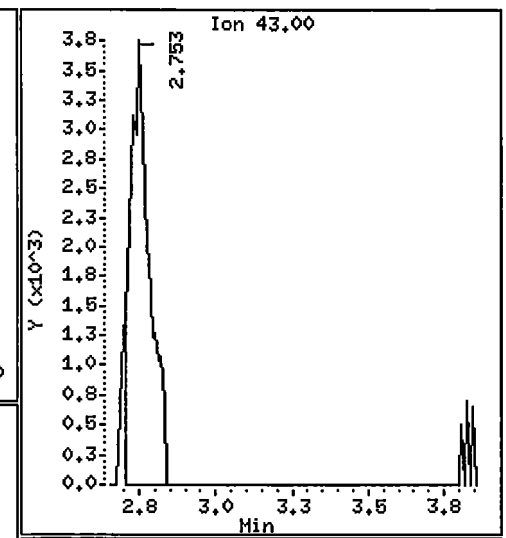
Concentration: 12.13 ug/L

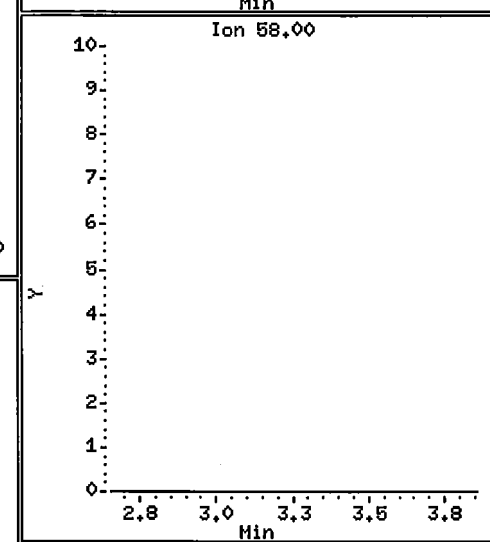












Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12415.D

Date : 10-OCT-2000 12:10

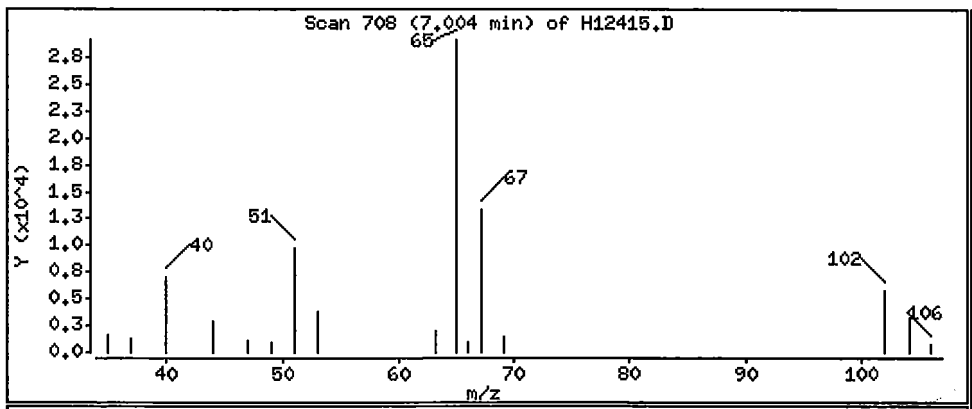
Client ID: H12415 Instrument: mh.i

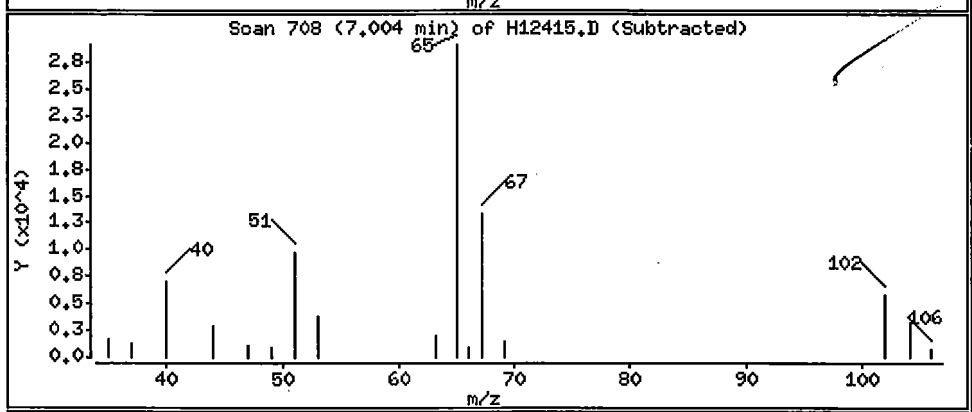
Sample Info: DLTAK101,,1,,0,1,0,8260BHL.M,H12415

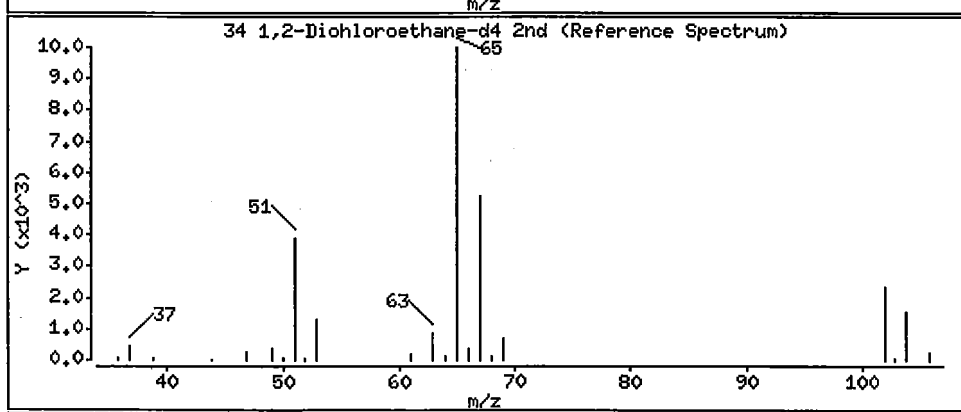
Purge Volume: 25.0 Operator: RRT

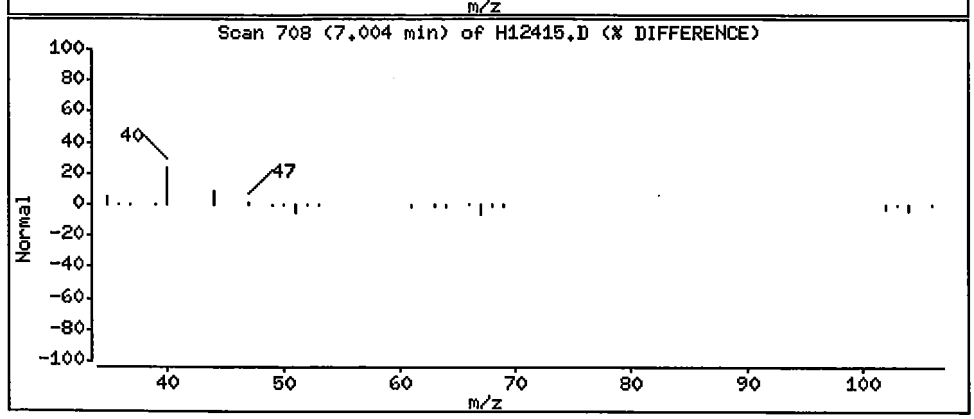
Column phase: J&W DB-624 Column diameter: 0.53

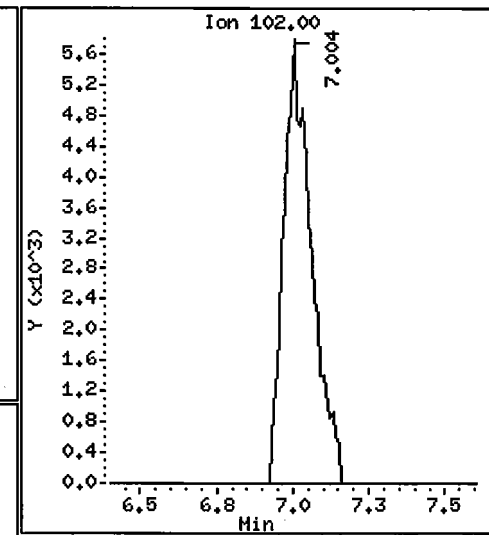
34 1,2-Dichloroethane-d4 2nd Concentration: 10.19 ug/L

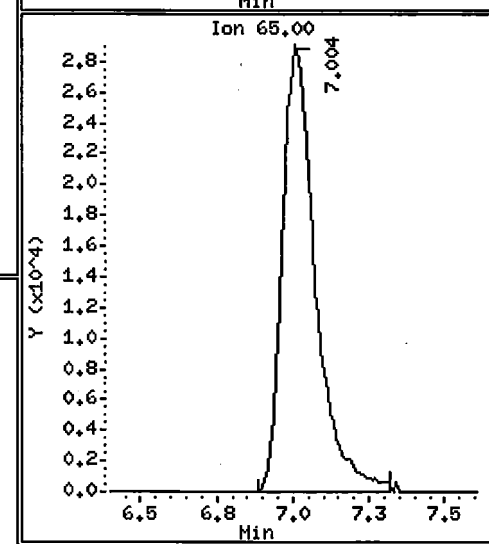












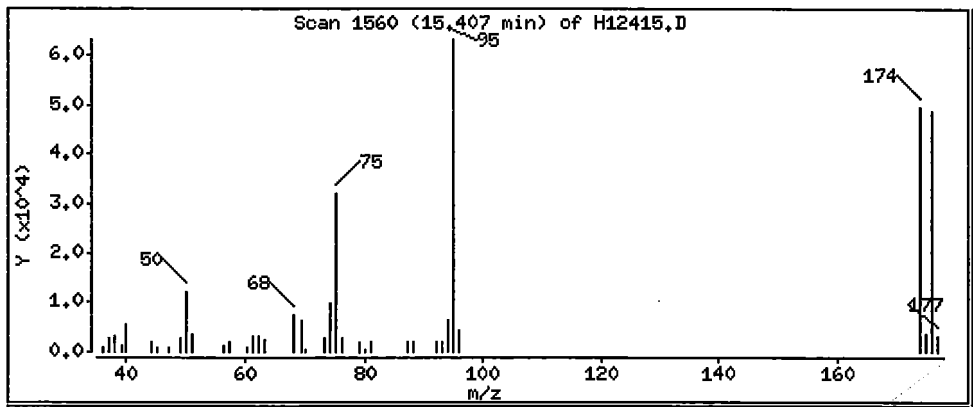
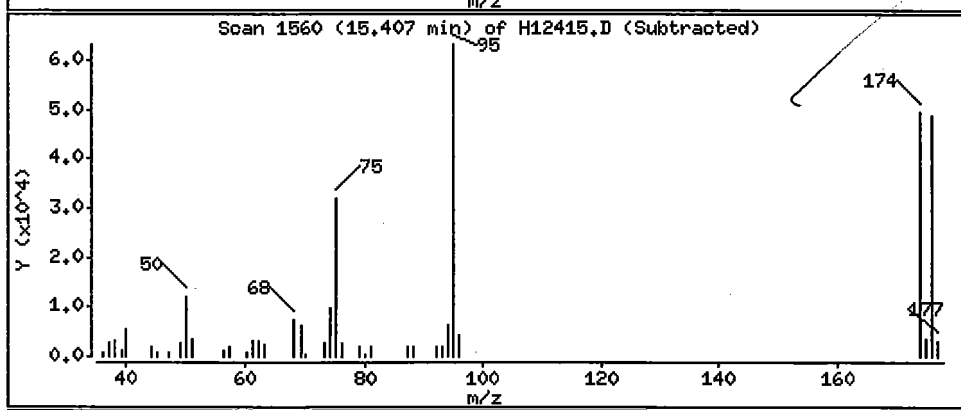
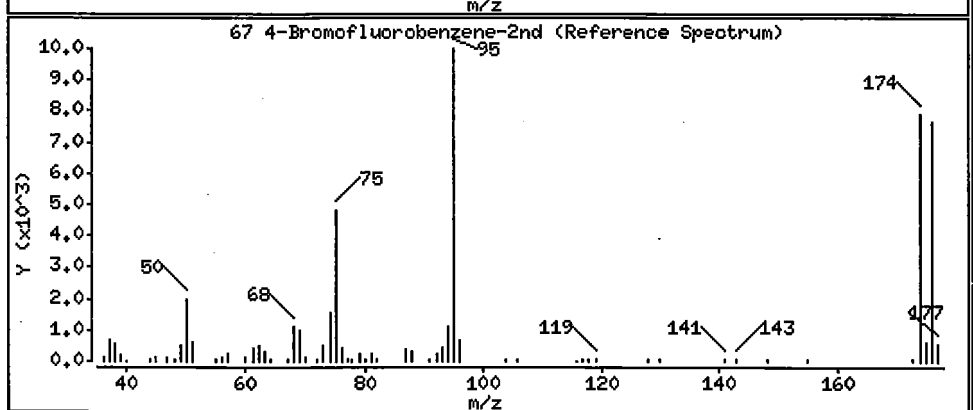
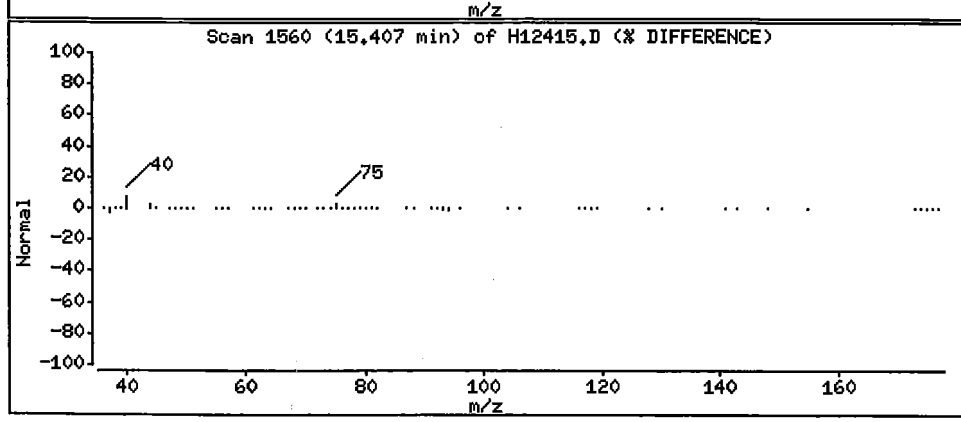
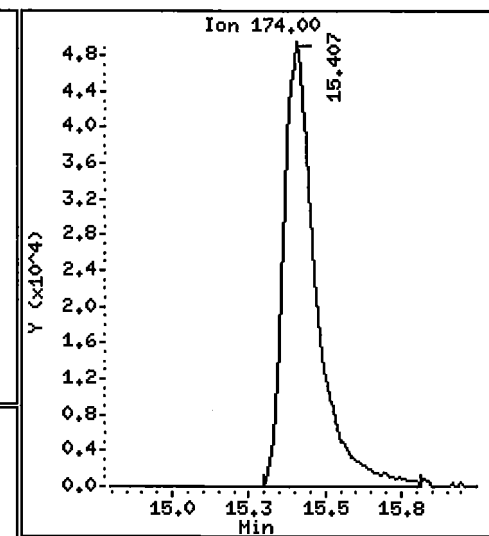
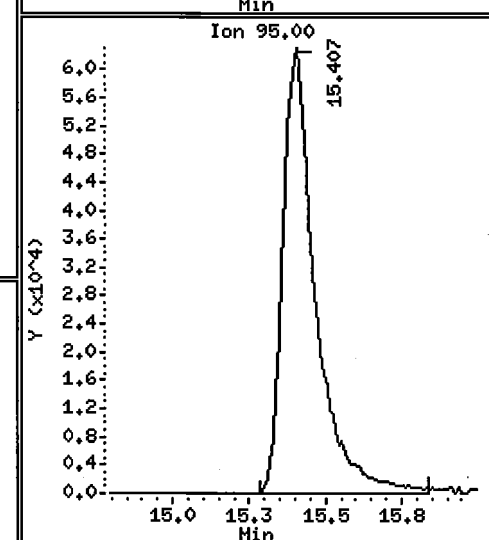
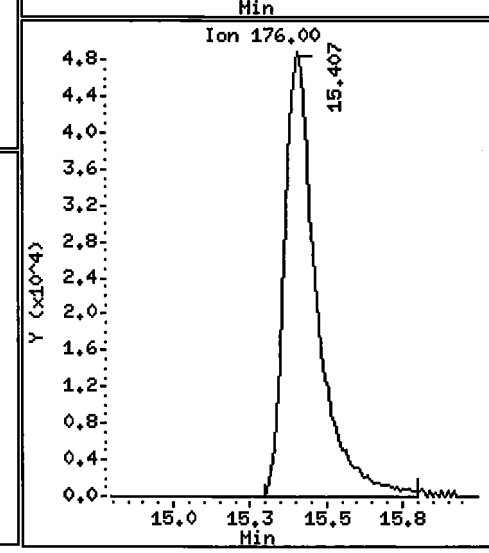
Data File: \\SANP2007\D\chem\mh.I\1010AH.B\H12415.D

Date : 10-OCT-2000 12:10

Client ID: H12415 Instrument: mh.i

Sample Info: DLTAK101,,1,,0,1,0,8260BHL.M,H12415

Purge Volume: 25.0 Operator: RRT

Column phase: J&W DB-624 Column diameter: 0.53

67 4-Bromofluorobenzene-2nd Concentration: 12.85 ug/L