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 3,2000

STL LOT NUMBER: **E0J110284**

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 11, 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-C6-0165814

STL Committed To Your Success

SEVERN TRENT LABORATORIES

No. 203034

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 004032101
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. EOJ110284

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST: 8260 VOC	6010 METALS	8015 TPH	8082 PCB's					REMARKS/PRECAUTIONS
	C-2-117-5	10/11/00	8:15	Soil	Poly. 1	ICE	1	X	X	X						
	C-2-117-10		8:30					X		X						
	C-2-117-15		8:35					X		X						
	C-2-118-2 Refusal		~~8:45~~								X					No sample
	C-2-119-5		10:00					X	X	X						
	C-2-119-10		10:03					X								
	C-2-123-5		10:20					X	X	X						
	C-2-123-10		10:25					X								
	C-2-124-2		10:30								X					
	C-2-130-5	10-11-00	10:45	Soil	Poly 1	ICE	1	X	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: [signature]	10/11/00	SIGNATURE: [signature]	10/11/00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 16:00	PRINTED NAME/COMPANY: Dependable	TIME 16:45	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: [signature]	10/11/00	SIGNATURE: [signature]	10/11/00	SIGNATURE:	
PRINTED NAME/COMPANY: Dependable	TIME 1600	PRINTED NAME/COMPANY: & FREITAG STL LA	TIME 1645	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

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Santa Ana, CA 92705
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000002

BOE-C6-0165815

SEVERN TRENT LABORATORIES

Committed To Your Success

No. 203036

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. EOJ110084

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 metals	8015 TPH	8082 PCBs					REMARKS/PRECAUTIONS
	C-2-130-10	10/11/00	10:50	Soil	Poly. liner	ICE	1	X								
	C-2-131-5		11:10					X	X	X						
	C-2-131-10		11:25					X								
	C-2-132-1		11:25					X	X	X						
	C-2-132-5		11:35					X	X	X						
	C-2-133-5		13:00					X	X	X						
	C-2-133-10		13:05					X								
	C-2-134-5		13:15					X	X							
	C-2-134-10		13:20					X								
	C-2-135-5	10-11-00	13:35	Soil	Poly liner	ICE	1	X	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	10/11/00	SIGNATURE:	10/11/00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 16:00	PRINTED NAME/COMPANY: Dependable	TIME 16:45	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	10/11/00	SIGNATURE:	10/11/00	SIGNATURE:	
PRINTED NAME/COMPANY: Dependable	TIME 1600	PRINTED NAME/COMPANY: K FREITAG	TIME 1645	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

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BOE-C6-0165816

SEVERN TRENT LABORATORIES

Committed To Your Success

No. 203037

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. EOJ110254

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 Metals	8015 TPH	8082 PCBs	REMARKS/PRECAUTIONS
	C-2-135-10	10/11/00	13:40	Soil	Poly Jar	ICE	1	X				
	C-2-104-5		14:20				1	X	X	X		
	C-2-104-10		14:25				1	X	X	X		
	C-2-136-1		14:45				1	X	X	X		
	C-2-136-5		14:50				1	X	X	X		
	C-2-137-1		15:15				1	X	X	X		
	C-2-137-5		15:20				1	X	X	X		
	C-2-138-5		15:30				1	X	X	X		
	C-2-138-10		15:40	Soil	Poly Jar		1	X				
	C-2-10/11 Rinsate	10/11/00	16:00	W	VOA	ICE	2	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	10/11/00	SIGNATURE:	10/11/00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 16:00	PRINTED NAME/COMPANY: Dependable	TIME 16:45	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	10/11/00	SIGNATURE:	10/11/00	SIGNATURE:	
PRINTED NAME/COMPANY: Dependable	TIME 1600	PRINTED NAME/COMPANY: K FREITAG STL LA	TIME 1645	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

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STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

18°C

Date: 10/11/00

Quantims Lot #: E0J10284

Quote #:

Client Name: K-Tenths

Project: Boeing

Received by: MM

Date/Time Received: 10/11/00 5PM

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

Initial / Date

Custody Seal Status: ☐Intact ☐Broken ☒None ..... MM

Custody Seal #(s): N/A ☐No Seal # .....

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

Temperature(s) (COOLER/BLANK) in °C: 18°C (CORRECTED TEMP).....

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

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

Anomalies: ☒Not ☒Yes (~~See Clouseau~~) .....

Labeled by ..... See below .....

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	1/28	29	30							PH
VOAh /*		2	2	not on COC						N/A
sleeve	1									

h:HCl ss:Sodium Hydroxide zns: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: MM 10/11/00 REVIEWED BY/DATE: 10/13/00

000005

BOE-C6-0165817

ANALYTICAL REPORT

Boeing C1/Kennedy Jenks

Lot #: E0J110284

Rus Purcell

Kennedy/Jenks Consultants

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

October 28, 2000

EXECUTIVE SUMMARY - Detection Highlights

E0J110284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-117-5 10/11/00 08:15 001				
C6-C8	0.28 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.038 B	0.10	mg/kg	SW846 7471A
Aluminum	32900	20.0	mg/kg	SW846 6010B
Arsenic	3.6	1.0	mg/kg	SW846 6010B
Barium	140	2.0	mg/kg	SW846 6010B
Cadmium	0.64	0.50	mg/kg	SW846 6010B
Chromium	34.0	1.0	mg/kg	SW846 6010B
Beryllium	0.92	0.50	mg/kg	SW846 6010B
Lead	6.9	0.50	mg/kg	SW846 6010B
Cobalt	13.3	5.0	mg/kg	SW846 6010B
Copper	19.1	2.5	mg/kg	SW846 6010B
Molybdenum	0.97 B	4.0	mg/kg	SW846 6010B
Nickel	20.8	4.0	mg/kg	SW846 6010B
Thallium	1.6	1.0	mg/kg	SW846 6010B
Vanadium	63.3	5.0	mg/kg	SW846 6010B
Zinc	62.1	2.0	mg/kg	SW846 6010B
C-2-117-10 10/11/00 08:30 002				
C6-C8	0.27 J,B	1.0	mg/kg	SW846 8015B
C-2-117-15 10/11/00 08:35 003				
C6-C8	0.27 J,B	1.0	mg/kg	SW846 8015B
C-2-119-5 10/11/00 10:00 004				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Aluminum	26400	20.0	mg/kg	SW846 6010B
Arsenic	3.7	1.0	mg/kg	SW846 6010B
Barium	201	2.0	mg/kg	SW846 6010B
Cadmium	0.44 B	0.50	mg/kg	SW846 6010B
Chromium	27.6	1.0	mg/kg	SW846 6010B
Beryllium	0.73	0.50	mg/kg	SW846 6010B
Lead	6.4	0.50	mg/kg	SW846 6010B
Cobalt	12.9	5.0	mg/kg	SW846 6010B
Copper	14.4	2.5	mg/kg	SW846 6010B
Molybdenum	1.1 B	4.0	mg/kg	SW846 6010B
Nickel	15.5	4.0	mg/kg	SW846 6010B
Thallium	0.66 B	1.0	mg/kg	SW846 6010B
Vanadium	55.2	5.0	mg/kg	SW846 6010B
Zinc	52.9	2.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

E0J110284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-123-5 10/11/00 10:20 006				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Aluminum	11700	20.0	mg/kg	SW846 6010B
Arsenic	2.0	1.0	mg/kg	SW846 6010B
Barium	84.4	2.0	mg/kg	SW846 6010B
Cadmium	0.23 B	0.50	mg/kg	SW846 6010B
Chromium	17.1	1.0	mg/kg	SW846 6010B
Beryllium	0.40 B	0.50	mg/kg	SW846 6010B
Lead	4.3	0.50	mg/kg	SW846 6010B
Cobalt	5.3	5.0	mg/kg	SW846 6010B
Copper	12.2	2.5	mg/kg	SW846 6010B
Molybdenum	0.97 B	4.0	mg/kg	SW846 6010B
Nickel	8.7	4.0	mg/kg	SW846 6010B
Vanadium	35.5	5.0	mg/kg	SW846 6010B
Zinc	29.4	2.0	mg/kg	SW846 6010B
C-2-130-5 10/11/00 10:45 009				
Aluminum	27700	20.0	mg/kg	SW846 6010B
Arsenic	3.6	1.0	mg/kg	SW846 6010B
Barium	166	2.0	mg/kg	SW846 6010B
Cadmium	0.63	0.50	mg/kg	SW846 6010B
Chromium	30.0	1.0	mg/kg	SW846 6010B
Beryllium	0.81	0.50	mg/kg	SW846 6010B
Lead	6.7	0.50	mg/kg	SW846 6010B
Cobalt	15.3	5.0	mg/kg	SW846 6010B
Copper	17.5	2.5	mg/kg	SW846 6010B
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B
Nickel	18.0	4.0	mg/kg	SW846 6010B
Thallium	0.87 B	1.0	mg/kg	SW846 6010B
Vanadium	60.1	5.0	mg/kg	SW846 6010B
Zinc	56.0	2.0	mg/kg	SW846 6010B
C-2-131-5 10/11/00 11:10 011				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Aluminum	16400	20.0	mg/kg	SW846 6010B
Arsenic	2.6	1.0	mg/kg	SW846 6010B
Barium	108	2.0	mg/kg	SW846 6010B
Cadmium	0.39 B	0.50	mg/kg	SW846 6010B
Chromium	20.2	1.0	mg/kg	SW846 6010B
Beryllium	0.55	0.50	mg/kg	SW846 6010B
Lead	4.8	0.50	mg/kg	SW846 6010B
Cobalt	10.7	5.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J110284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-131-5 10/11/00 11:10 011				
Copper	16.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.78 B	4.0	mg/kg	SW846 6010B
Nickel	12.1	4.0	mg/kg	SW846 6010B
Vanadium	42.5	5.0	mg/kg	SW846 6010B
Zinc	37.9	2.0	mg/kg	SW846 6010B
C-2-132-1 10/11/00 11:25 013				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.032 B	0.10	mg/kg	SW846 7471A
Aluminum	15800	20.0	mg/kg	SW846 6010B
Arsenic	2.0	1.0	mg/kg	SW846 6010B
Barium	112	2.0	mg/kg	SW846 6010B
Cadmium	0.36 B	0.50	mg/kg	SW846 6010B
Chromium	19.2	1.0	mg/kg	SW846 6010B
Beryllium	0.52	0.50	mg/kg	SW846 6010B
Lead	4.8	0.50	mg/kg	SW846 6010B
Selenium	0.46 B	0.50	mg/kg	SW846 6010B
Cobalt	9.3	5.0	mg/kg	SW846 6010B
Copper	16.4	2.5	mg/kg	SW846 6010B
Molybdenum	1.0 B	4.0	mg/kg	SW846 6010B
Nickel	11.6	4.0	mg/kg	SW846 6010B
Vanadium	38.2	5.0	mg/kg	SW846 6010B
Zinc	39.9	2.0	mg/kg	SW846 6010B
Chloroform	2.1 J	5.0	ug/kg	SW846 8260B
C-2-132-5 10/11/00 11:35 014				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Aluminum	22600	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B
Barium	102	2.0	mg/kg	SW846 6010B
Cadmium	0.35 B	0.50	mg/kg	SW846 6010B
Chromium	22.4	1.0	mg/kg	SW846 6010B
Beryllium	0.65	0.50	mg/kg	SW846 6010B
Lead	5.1	0.50	mg/kg	SW846 6010B
Cobalt	9.6	5.0	mg/kg	SW846 6010B
Copper	16.5	2.5	mg/kg	SW846 6010B
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B
Nickel	12.7	4.0	mg/kg	SW846 6010B
Thallium	0.53 B	1.0	mg/kg	SW846 6010B
Vanadium	48.6	5.0	mg/kg	SW846 6010B
Zinc	44.2	2.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

E0J110284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-133-5 10/11/00 13:00 015				
C6-C8	0.27 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.057 B	0.10	mg/kg	SW846 7471A
Aluminum	26800	20.0	mg/kg	SW846 6010B
Arsenic	2.4	1.0	mg/kg	SW846 6010B
Barium	143	2.0	mg/kg	SW846 6010B
Cadmium	0.46 B	0.50	mg/kg	SW846 6010B
Chromium	32.5	1.0	mg/kg	SW846 6010B
Beryllium	0.73	0.50	mg/kg	SW846 6010B
Lead	4.6	0.50	mg/kg	SW846 6010B
Cobalt	8.7	5.0	mg/kg	SW846 6010B
Copper	15.6	2.5	mg/kg	SW846 6010B
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B
Nickel	13.6	4.0	mg/kg	SW846 6010B
Thallium	0.96 B	1.0	mg/kg	SW846 6010B
Vanadium	51.2	5.0	mg/kg	SW846 6010B
Zinc	50.9	2.0	mg/kg	SW846 6010B
C-2-133-10 10/11/00 13:05 016				
Chloroform	1.4 J	5.0	ug/kg	SW846 8260B
C-2-134-5 10/11/00 13:15 017				
Aluminum	30100	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Barium	159	2.0	mg/kg	SW846 6010B
Cadmium	0.52	0.50	mg/kg	SW846 6010B
Chromium	28.2	1.0	mg/kg	SW846 6010B
Beryllium	0.77	0.50	mg/kg	SW846 6010B
Lead	6.4	0.50	mg/kg	SW846 6010B
Cobalt	19.2	5.0	mg/kg	SW846 6010B
Copper	18.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	17.8	4.0	mg/kg	SW846 6010B
Thallium	0.85 B	1.0	mg/kg	SW846 6010B
Vanadium	60.7	5.0	mg/kg	SW846 6010B
Zinc	55.7	2.0	mg/kg	SW846 6010B
C-2-134-10 10/11/00 13:20 018				
Chloroform	1.6 J	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E0J110284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-135-5 10/11/00 13:35 019				
Aluminum	15500	20.0	mg/kg	SW846 6010B
Arsenic	2.0	1.0	mg/kg	SW846 6010B
Barium	99.7	2.0	mg/kg	SW846 6010B
Cadmium	0.35 B	0.50	mg/kg	SW846 6010B
Chromium	18.8	1.0	mg/kg	SW846 6010B
Beryllium	0.49 B	0.50	mg/kg	SW846 6010B
Lead	4.4	0.50	mg/kg	SW846 6010B
Cobalt	9.4	5.0	mg/kg	SW846 6010B
Copper	15.6	2.5	mg/kg	SW846 6010B
Molybdenum	1.1 B	4.0	mg/kg	SW846 6010B
Nickel	11.1	4.0	mg/kg	SW846 6010B
Vanadium	38.3	5.0	mg/kg	SW846 6010B
Zinc	36.3	2.0	mg/kg	SW846 6010B
Chloroform	1.9 J	5.0	ug/kg	SW846 8260B
C-2-104-5 10/11/00 14:20 021				
C6-C8	0.27 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.035 B	0.10	mg/kg	SW846 7471A
Aluminum	23900	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Barium	149	2.0	mg/kg	SW846 6010B
Cadmium	0.49 B	0.50	mg/kg	SW846 6010B
Chromium	25.8	1.0	mg/kg	SW846 6010B
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	5.6	0.50	mg/kg	SW846 6010B
Cobalt	10.8	5.0	mg/kg	SW846 6010B
Copper	20.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.87 B	4.0	mg/kg	SW846 6010B
Nickel	19.6	4.0	mg/kg	SW846 6010B
Thallium	0.87 B	1.0	mg/kg	SW846 6010B
Vanadium	53.9	5.0	mg/kg	SW846 6010B
Zinc	57.9	2.0	mg/kg	SW846 6010B
Trichloroethene	4.7 J	5.0	ug/kg	SW846 8260B
C-2-104-10 10/11/00 14:25 022				
C6-C8	0.27 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.034 B	0.10	mg/kg	SW846 7471A
Aluminum	26000	20.0	mg/kg	SW846 6010B
Arsenic	3.7	1.0	mg/kg	SW846 6010B
Antimony	0.25 B	6.0	mg/kg	SW846 6010B
Barium	153	2.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

E0J110284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-104-10 10/11/00 14:25 022				
Cadmium	0.63	0.50	mg/kg	SW846 6010B
Chromium	28.1	1.0	mg/kg	SW846 6010B
Beryllium	0.71	0.50	mg/kg	SW846 6010B
Lead	5.3	0.50	mg/kg	SW846 6010B
Cobalt	10.8	5.0	mg/kg	SW846 6010B
Copper	22.2	2.5	mg/kg	SW846 6010B
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B
Nickel	20.9	4.0	mg/kg	SW846 6010B
Thallium	0.94 B	1.0	mg/kg	SW846 6010B
Vanadium	56.0	5.0	mg/kg	SW846 6010B
Zinc	63.3	2.0	mg/kg	SW846 6010B
C-2-136-1 10/11/00 14:45 023				
C24-C27	8.0 J	10	mg/kg	SW846 8015B
C28-C31	11	10	mg/kg	SW846 8015B
C32-C35	9.8 J	10	mg/kg	SW846 8015B
C36-C39	5.7 J	10	mg/kg	SW846 8015B
Total Carbon Chain Range	51	10	mg/kg	SW846 8015B
C6-C8	0.24 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.028 B	0.10	mg/kg	SW846 7471A
Aluminum	20000	20.0	mg/kg	SW846 6010B
Arsenic	3.5	1.0	mg/kg	SW846 6010B
Barium	151	2.0	mg/kg	SW846 6010B
Cadmium	0.58	0.50	mg/kg	SW846 6010B
Chromium	24.1	1.0	mg/kg	SW846 6010B
Beryllium	0.59	0.50	mg/kg	SW846 6010B
Lead	10.8	0.50	mg/kg	SW846 6010B
Cobalt	87.7	5.0	mg/kg	SW846 6010B
Copper	20.3	2.5	mg/kg	SW846 6010B
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B
Nickel	15.0	4.0	mg/kg	SW846 6010B
Thallium	0.50 B	1.0	mg/kg	SW846 6010B
Vanadium	46.7	5.0	mg/kg	SW846 6010B
Zinc	85.2	2.0	mg/kg	SW846 6010B
Trichloroethene	4.9 J	5.0	ug/kg	SW846 8260B
C-2-136-5 10/11/00 14:50 024				
C6-C8	0.25 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.023 B	0.10	mg/kg	SW846 7471A
Aluminum	25600	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

E0J110284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-136-5 10/11/00 14:50 024				
Barium	115	2.0	mg/kg	SW846 6010B
Cadmium	0.48 B	0.50	mg/kg	SW846 6010B
Chromium	26.8	1.0	mg/kg	SW846 6010B
Beryllium	0.66	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	15.2	5.0	mg/kg	SW846 6010B
Copper	17.9	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	22.4	4.0	mg/kg	SW846 6010B
Thallium	1.3	1.0	mg/kg	SW846 6010B
Vanadium	58.6	5.0	mg/kg	SW846 6010B
Zinc	57.3	2.0	mg/kg	SW846 6010B
C-2-137-1 10/11/00 15:15 025				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.062 B	0.10	mg/kg	SW846 7471A
Aluminum	35400	20.0	mg/kg	SW846 6010B
Arsenic	4.3	1.0	mg/kg	SW846 6010B
Barium	144	2.0	mg/kg	SW846 6010B
Cadmium	0.70	0.50	mg/kg	SW846 6010B
Chromium	41.7	1.0	mg/kg	SW846 6010B
Beryllium	0.96	0.50	mg/kg	SW846 6010B
Lead	7.0	0.50	mg/kg	SW846 6010B
Cobalt	13.9	5.0	mg/kg	SW846 6010B
Copper	23.9	2.5	mg/kg	SW846 6010B
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B
Nickel	27.8	4.0	mg/kg	SW846 6010B
Vanadium	73.4	5.0	mg/kg	SW846 6010B
Zinc	77.6	2.0	mg/kg	SW846 6010B
Trichloroethene	2.4 J	5.0	ug/kg	SW846 8260B
C-2-137-5 10/11/00 15:20 026				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.026 B	0.10	mg/kg	SW846 7471A
Aluminum	31700	20.0	mg/kg	SW846 6010B
Arsenic	3.6	1.0	mg/kg	SW846 6010B
Barium	163	2.0	mg/kg	SW846 6010B
Cadmium	0.62	0.50	mg/kg	SW846 6010B
Chromium	29.1	1.0	mg/kg	SW846 6010B
Beryllium	0.87	0.50	mg/kg	SW846 6010B
Lead	6.2	0.50	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

E0J110284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-137-5 10/11/00 15:20 026				
Cobalt	14.8	5.0	mg/kg	SW846 6010B
Copper	22.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.0 B	4.0	mg/kg	SW846 6010B
Nickel	18.2	4.0	mg/kg	SW846 6010B
Vanadium	67.1	5.0	mg/kg	SW846 6010B
Zinc	66.2	2.0	mg/kg	SW846 6010B
C-2-138-5 10/11/00 15:30 027				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.028 B	0.10	mg/kg	SW846 7471A
Aluminum	28100	20.0	mg/kg	SW846 6010B
Arsenic	3.0	1.0	mg/kg	SW846 6010B
Barium	140	2.0	mg/kg	SW846 6010B
Cadmium	0.51	0.50	mg/kg	SW846 6010B
Chromium	24.7	1.0	mg/kg	SW846 6010B
Beryllium	0.76	0.50	mg/kg	SW846 6010B
Lead	5.3	0.50	mg/kg	SW846 6010B
Cobalt	11.2	5.0	mg/kg	SW846 6010B
Copper	19.2	2.5	mg/kg	SW846 6010B
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B
Nickel	14.9	4.0	mg/kg	SW846 6010B
Vanadium	58.2	5.0	mg/kg	SW846 6010B
Zinc	57.7	2.0	mg/kg	SW846 6010B

METHODS SUMMARY

E0J110284

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
PCBs by SW-846 8082	SW846 8082	SW846 3550
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

E0J110284

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DM09M	001	C-2-117-5	10/11/00	08:15
DM09P	002	C-2-117-10	10/11/00	08:30
DM09Q	003	C-2-117-15	10/11/00	08:35
DM09R	004	C-2-119-5	10/11/00	10:00
DM09T	005	C-2-119-10	10/11/00	10:03
DM09V	006	C-2-123-5	10/11/00	10:20
DM09X	007	C-2-123-10	10/11/00	10:25
DM090	008	C-2-124-2	10/11/00	10:30
DM091	009	C-2-130-5	10/11/00	10:45
DM092	010	C-2-130-10	10/11/00	10:50
DM093	011	C-2-131-5	10/11/00	11:10
DM096	012	C-2-131-10	10/11/00	11:25
DM098	013	C-2-132-1	10/11/00	11:25
DM1AA	014	C-2-132-5	10/11/00	11:35
DM1AE	015	C-2-133-5	10/11/00	13:00
DM1AF	016	C-2-133-10	10/11/00	13:05
DM1AJ	017	C-2-134-5	10/11/00	13:15
DM1AL	018	C-2-134-10	10/11/00	13:20
DM1AM	019	C-2-135-5	10/11/00	13:35
DM1AP	020	C-2-135-10	10/11/00	13:40
DM1AR	021	C-2-104-5	10/11/00	14:20
DM1AV	022	C-2-104-10	10/11/00	14:25
DM1AX	023	C-2-136-1	10/11/00	14:45
DM1A1	024	C-2-136-5	10/11/00	14:50
DM1A3	025	C-2-137-1	10/11/00	15:15
DM1A5	026	C-2-137-5	10/11/00	15:20
DM1A6	027	C-2-138-5	10/11/00	15:30
DM1A8	028	C-2-138-10	10/11/00	15:40
DM1A9	029	C-2-10/11 RINSATE	10/11/00	16:00
DM1CC	030	TRIP BLANK	10/11/00	

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-2-117-5

GC Semivolatiles

Lot-Sample #...: E0J110284-001 Work Order #...: DM09M1AC Matrix.....: SOLID
Date Sampled...: 10/11/00 08:15 Date Received..: 10/11/00 16:45 MS Run #.....: 0286253
Prep Date.....: 10/12/00 Analysis Date..: 10/24/00
Prep Batch #...: 0286486 Analysis Time..: 18:33
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	95	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-117-5

GC Volatiles

Lot-Sample #...:	E0J110284-001	Work Order #...:	DM09M1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 08:15	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/17/00		
Prep Batch #...:	0297271	Analysis Time..:	22:29		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.28 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	109	(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-2-117-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-001 Work Order #...: DM09M1AA Matrix.....: SOLID
Date Sampled...: 10/11/00 08:15 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 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-2-117-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-001 Work Order #...: DM09M1AA 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	85	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-117-10

GC Semivolatiles

Lot-Sample #...:	E0J110284-002	Work Order #...:	DM09P1AC	Matrix.....:	SOLID
Date Sampled...:	10/11/00 08:30	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0286486	Analysis Time..:	19:03		
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	93	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-117-10

GC Volatiles

Lot-Sample #...:	E0J110284-002	Work Order #...:	DM09P1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 08:30	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/17/00		
Prep Batch #...:	0297271	Analysis Time..:	22:55		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.27 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	110	(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-2-117-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-002 Work Order #...: DM09P1AA Matrix.....: SOLID
Date Sampled...: 10/11/00 08:30 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 Analysis Time..: 14:53
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-2-117-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-002 Work Order #...: DM09P1AA 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	85	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-117-15

GC Semivolatiles

Lot-Sample #...:	E0J110284-003	Work Order #...:	DM09Q1AC	Matrix.....:	SOLID
Date Sampled...:	10/11/00 08:35	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0286486	Analysis Time..:	19:33		
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	88	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-117-15

GC Volatiles

Lot-Sample #...:	E0J110284-003	Work Order #...:	DM09Q1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 08:35	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/17/00		
Prep Batch #...:	0297271	Analysis Time..:	23:22		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.27 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	110	(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-2-117-15

GC/MS Volatiles

Lot-Sample #...: E0J110284-003 Work Order #...: DM09Q1AA Matrix.....: SOLID
Date Sampled...: 10/11/00 08:35 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 Analysis Time..: 15:25
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-2-117-15

GC/MS Volatiles

Lot-Sample #...: E0J110284-003 Work Order #...: DM09Q1AA 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	85	(60 - 140)
Toluene-d8	88	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-119-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-004	Work Order #...:	DM09R1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:00	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0286486	Analysis Time..:	20:03		
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	93	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-119-5

GC Volatiles

Lot-Sample #...:	E0J110284-004	Work Order #...:	DM09R1AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:00	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/17/00		
Prep Batch #...:	0297271	Analysis Time..:	23:48		
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)	114	(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-2-119-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-004 Work Order #...: DM09R1AC Matrix.....: SOLID
Date Sampled...: 10/11/00 10:00 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 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-2-119-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-004 Work Order #...: DM09R1AC 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	84	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-119-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-005 Work Order #...: DM09T1AA Matrix.....: SOLID
Date Sampled...: 10/11/00 10:03 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 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-2-119-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-005 Work Order #...: DM09T1AA 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	86	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-123-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-006	Work Order #...:	DM09V1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:20	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0286486	Analysis Time..:	20:33		
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	88	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-123-5

GC Volatiles

Lot-Sample #...:	E0J110284-006	Work Order #...:	DM09V1AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:20	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	00:15		
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)	106	(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-2-123-5

GC/MS Volatiles

Lot-Sample #...:	E0J110284-006	Work Order #...:	DM09V1AC	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:20	Date Received..:	10/11/00 16:45	MS Run #.....:	0299211
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0299464	Analysis Time..:	18:03		
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-2-123-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-006 Work Order #...: DM09V1AC 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	83	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-123-10

GC/MS Volatiles

Lot-Sample #...:	E0J110284-007	Work Order #...:	DM09X1AA	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:25	Date Received..:	10/11/00 16:45	MS Run #.....:	0299211
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0299464	Analysis Time..:	18:35		
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-2-123-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-007 Work Order #...: DM09X1AA 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	84	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-124-2

GC Semivolatiles

Lot-Sample #...:	E0J110284-008	Work Order #...:	DM0901AA	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:30	Date Received..:	10/11/00 16:45	MS Run #.....:	0285290
Prep Date.....:	10/11/00	Analysis Date..:	10/13/00		
Prep Batch #...:	0285588	Analysis Time..:	13:13		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	018568	Instrument ID..:	G9A
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	33	ug/kg	10
Aroclor 1221	ND	33	ug/kg	10
Aroclor 1232	ND	33	ug/kg	10
Aroclor 1242	ND	33	ug/kg	10
Aroclor 1248	ND	33	ug/kg	10
Aroclor 1254	ND	33	ug/kg	10
Aroclor 1260	ND	33	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(60 - 140)
Tetrachloro-m-xylene	120	(60 - 140)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-130-5

GC/MS Volatiles

Lot-Sample #...:	E0J110284-009	Work Order #...:	DM0911AA	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:45	Date Received..:	10/11/00 16:45	MS Run #.....:	0299211
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0299464	Analysis Time..:	19:07		
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-2-130-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-009 Work Order #...: DM0911AA 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	84	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-130-10

GC/MS Volatiles

Lot-Sample #...:	E0J110284-010	Work Order #...:	DM0921AA	Matrix.....:	SOLID
Date Sampled...:	10/11/00 10:50	Date Received..:	10/11/00 16:45	MS Run #.....:	0299211
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0299464	Analysis Time..:	19:38		
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-2-130-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-010 Work Order #...: DM0921AA 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	83	(60 - 140)
Toluene-d8	88	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-131-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-011	Work Order #...:	DM0931AC	Matrix.....:	SOLID
Date Sampled...:	10/11/00 11:10	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0286486	Analysis Time..:	21:03		
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	88	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-131-5

GC Volatiles

Lot-Sample #...:	E0J110284-011	Work Order #...:	DM0931AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 11:10	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	00:42		
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)	109	(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-2-131-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-011 Work Order #...: DM0931AA Matrix.....: SOLID
Date Sampled...: 10/11/00 11:10 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 Analysis Time..: 20:10
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-2-131-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-011 Work Order #...: DM0931AA 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	91	(70 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-131-10

GC/MS Volatiles

Lot-Sample #...:	E0J110284-012	Work Order #...:	DM0961AA	Matrix.....:	SOLID
Date Sampled...:	10/11/00 11:25	Date Received..:	10/11/00 16:45	MS Run #.....:	0299211
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0299464	Analysis Time..:	20:42		
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-2-131-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-012 Work Order #...: DM0961AA 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	88	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-132-1

GC Semivolatiles

Lot-Sample #...:	E0J110284-013	Work Order #...:	DM0981AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 11:25	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0286486	Analysis Time..:	21:34		
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	88	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-132-1

GC Volatiles

Lot-Sample #...:	E0J110284-013	Work Order #...:	DM0981AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 11:25	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	01:08		
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)	106	(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-2-132-1

GC/MS Volatiles

Lot-Sample #...: E0J110284-013 Work Order #...: DM0981AC Matrix.....: SOLID
Date Sampled...: 10/11/00 11:25 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 Analysis Time..: 21:14
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	**2.1 J**	**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-2-132-1

GC/MS Volatiles

Lot-Sample #...: E0J110284-013 Work Order #...: DM0981AC 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	91	(70 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	90	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-132-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-014	Work Order #...:	DM1AA1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 11:35	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0286486	Analysis Time..:	22:04		
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	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-132-5

GC Volatiles

Lot-Sample #...:	E0J110284-014	Work Order #...:	DM1AA1AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 11:35	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	01:35		
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)	112	(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-2-132-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-014 Work Order #...: DM1AA1AC Matrix.....: SOLID
Date Sampled...: 10/11/00 11:35 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 Analysis Time..: 21:46
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-2-132-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-014 Work Order #...: DM1AA1AC 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	84	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-133-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-015	Work Order #...:	DM1AE1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 13:00	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0286486	Analysis Time..:	22:34		
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	81	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-133-5

GC Volatiles

Lot-Sample #...:	E0J110284-015	Work Order #...:	DM1AE1AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 13:00	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	02:01		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.27 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(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-2-133-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-015 Work Order #...: DM1AE1AC Matrix.....: SOLID
Date Sampled...: 10/11/00 13:00 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 Analysis Time..: 22:17
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-2-133-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-015 Work Order #...: DM1AE1AC 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	83	(60 - 140)
Toluene-d8	88	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-133-10

GC/MS Volatiles

Lot-Sample #...:	E0J110284-016	Work Order #...:	DM1AF1AA	Matrix.....:	SOLID
Date Sampled...:	10/11/00 13:05	Date Received..:	10/11/00 16:45	MS Run #.....:	0299211
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0299464	Analysis Time..:	22:49		
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	**1.4 J**	**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-2-133-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-016 Work Order #...: DM1AF1AA 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	83	(60 - 140)
Toluene-d8	88	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-134-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-017 Work Order #...: DM1AJ1AA Matrix.....: SOLID
Date Sampled...: 10/11/00 13:15 Date Received..: 10/11/00 16:45 MS Run #.....: 0298346
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0298635 Analysis Time..: 16:10
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-2-134-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-017 Work Order #...: DM1AJ1AA 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	103	(70 - 130)
1,2-Dichloroethane-d4	105	(60 - 140)
Toluene-d8	100	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-134-10

GC/MS Volatiles

Lot-Sample #...:	E0J110284-018	**Work Order #...:**	DM1AL1AA	**Matrix.....:**	SOLID
Date Sampled...:	10/11/00 13:20	**Date Received..:**	10/11/00 16:45	**MS Run #.....:**	0298346
Prep Date.....:	10/22/00	**Analysis Date..:**	10/22/00		
Prep Batch #...:	0298635	**Analysis Time..:**	16:44		
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	**1.6 J**	**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-2-134-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-018 Work Order #...: DM1AL1AA 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	104	(70 - 130)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	103	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-135-5

GC/MS Volatiles

Lot-Sample #...:	E0J110284-019	Work Order #...:	DM1AM1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 13:35	Date Received..:	10/11/00 16:45	MS Run #.....:	0298346
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0298635	Analysis Time..:	17:19		
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	**1.9 J**	**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-2-135-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-019 Work Order #...: DM1AM1AD 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	109	(70 - 130)
1,2-Dichloroethane-d4	105	(60 - 140)
Toluene-d8	100	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-135-10

GC/MS Volatiles

Lot-Sample #...:	E0J110284-020	**Work Order #...:**	DM1AP1AA	**Matrix.....:**	SOLID
Date Sampled...:	10/11/00 13:40	**Date Received..:**	10/11/00 16:45	**MS Run #.....:**	0298346
Prep Date.....:	10/22/00	**Analysis Date..:**	10/22/00		
Prep Batch #...:	0298635	**Analysis Time..:**	17:53		
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-2-135-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-020 Work Order #...: DM1AP1AA 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	105	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
Toluene-d8	101	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-104-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-021	Work Order #...:	DM1AR1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:20	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/25/00		
Prep Batch #...:	0286486	Analysis Time..:	00:05		
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	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-104-5

GC Volatiles

Lot-Sample #...:	E0J110284-021	Work Order #...:	DM1AR1AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:20	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	02:28		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.27 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	113	(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-2-104-5

GC/MS Volatiles

Lot-Sample #...:	E0J110284-021	Work Order #...:	DM1AR1AC	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:20	Date Received..:	10/11/00 16:45	MS Run #.....:	0298346
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0298635	Analysis Time..:	19:37		
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-2-104-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-021 Work Order #...: DM1AR1AC 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	**4.7 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	105	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-104-10

GC Semivolatiles

Lot-Sample #...:	E0J110284-022	Work Order #...:	DM1AV1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:25	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/25/00		
Prep Batch #...:	0286486	Analysis Time..:	00:35		
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	63	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-104-10

GC Volatiles

Lot-Sample #...:	E0J110284-022	Work Order #...:	DM1AV1AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:25	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	02:55		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.27 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	115	(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-2-104-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-022 Work Order #...: DM1AV1AC Matrix.....: SOLID
Date Sampled...: 10/11/00 14:25 Date Received..: 10/11/00 16:45 MS Run #.....: 0298346
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0298635 Analysis Time..: 20:11
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-2-104-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-022 Work Order #...: DM1AV1AC 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	113	(70 - 130)
1,2-Dichloroethane-d4	111	(60 - 140)
Toluene-d8	107	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-1

GC Semivolatiles

Lot-Sample #...:	E0J110284-023	Work Order #...:	DM1AX1AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:45	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/26/00		
Prep Batch #...:	0286486	Analysis Time..:	14:37		
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	8.0 J	10	mg/kg	5.0
C28-C31	11	10	mg/kg	5.0
C32-C35	9.8 J	10	mg/kg	5.0
C36-C39	5.7 J	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	51	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	110	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-1

GC Volatiles

Lot-Sample #...:	E0J110284-023	Work Order #...:	DM1AX1AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:45	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	03:21		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.24 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	114	(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-2-136-1

GC/MS Volatiles

Lot-Sample #...: E0J110284-023 Work Order #...: DM1AX1AC Matrix.....: SOLID
Date Sampled...: 10/11/00 14:45 Date Received..: 10/11/00 16:45 MS Run #.....: 0298346
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0298635 Analysis Time..: 20:45
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-2-136-1

GC/MS Volatiles

Lot-Sample #...: E0J110284-023 Work Order #...: DM1AX1AC 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	**4.9 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	104	(70 - 130)
1,2-Dichloroethane-d4	113	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-024	Work Order #...:	DM1A11AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:50	Date Received..:	10/11/00 16:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/25/00		
Prep Batch #...:	0286486	Analysis Time..:	01:35		
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	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-5

GC Volatiles

Lot-Sample #...:	E0J110284-024	Work Order #...:	DM1A11AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 14:50	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	03:48		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	114	(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-2-136-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-024 Work Order #...: DM1A11AC Matrix.....: SOLID
Date Sampled...: 10/11/00 14:50 Date Received..: 10/11/00 16:45 MS Run #.....: 0298346
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0298635 Analysis Time..: 21:20
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
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-024 Work Order #...: DM1A11AC 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	104	(70 - 130)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	103	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-137-1

GC Semivolatiles

Lot-Sample #...:	E0J110284-025	Work Order #...:	DM1A31AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 15:15	Date Received..:	10/11/00 16:45	MS Run #.....:	0286254
Prep Date.....:	10/12/00	Analysis Date..:	10/25/00		
Prep Batch #...:	0286487	Analysis Time..:	03:36		
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	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-137-1

GC Volatiles

Lot-Sample #...:	E0J110284-025	Work Order #...:	DM1A31AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 15:15	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	04:14		
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)	105	(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-2-137-1

GC/MS Volatiles

Lot-Sample #...: E0J110284-025 Work Order #...: DM1A31AC Matrix.....: SOLID
Date Sampled...: 10/11/00 15:15 Date Received..: 10/11/00 16:45 MS Run #.....: 0298346
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0298635 Analysis Time..: 21:54
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-2-137-1

GC/MS Volatiles

Lot-Sample #...: E0J110284-025 Work Order #...: DM1A31AC 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	**2.4 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	104	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	102	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-137-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-026	Work Order #...:	DM1A51AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 15:20	Date Received..:	10/11/00 16:45	MS Run #.....:	0286254
Prep Date.....:	10/12/00	Analysis Date..:	10/25/00		
Prep Batch #...:	0286487	Analysis Time..:	04:06		
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	73	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-137-5

GC Volatiles

Lot-Sample #...:	E0J110284-026	Work Order #...:	DM1A51AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 15:20	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	04:41		
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)	110	(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-2-137-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-026 Work Order #...: DM1A51AC Matrix.....: SOLID
Date Sampled...: 10/11/00 15:20 Date Received..: 10/11/00 16:45 MS Run #.....: 0298346
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0298635 Analysis Time..: 22:29
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-2-137-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-026 **Work Order #...:** DM1A51AC **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	117	(70 - 130)
1,2-Dichloroethane-d4	107	(60 - 140)
Toluene-d8	112	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-138-5

GC Semivolatiles

Lot-Sample #...:	E0J110284-027	Work Order #...:	DM1A61AD	Matrix.....:	SOLID
Date Sampled...:	10/11/00 15:30	Date Received..:	10/11/00 16:45	MS Run #.....:	0286254
Prep Date.....:	10/12/00	Analysis Date..:	10/25/00		
Prep Batch #...:	0286487	Analysis Time..:	04:36		
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	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-138-5

GC Volatiles

Lot-Sample #...:	E0J110284-027	Work Order #...:	DM1A61AE	Matrix.....:	SOLID
Date Sampled...:	10/11/00 15:30	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	05:07		
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)	115	(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-2-138-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-027 Work Order #...: DM1A61AC Matrix.....: SOLID
Date Sampled...: 10/11/00 15:30 Date Received..: 10/11/00 16:45 MS Run #.....: 0298346
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0298635 Analysis Time..: 23:03
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-2-138-5

GC/MS Volatiles

Lot-Sample #...: E0J110284-027 **Work Order #...:** DM1A61AC **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	101	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
Toluene-d8	98	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-138-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-028 Work Order #...: DM1A81AA Matrix.....: SOLID
Date Sampled...: 10/11/00 15:40 Date Received..: 10/11/00 16:45 MS Run #.....: 0301228
Prep Date.....: 10/24/00 Analysis Date..: 10/24/00
Prep Batch #...: 0301464 Analysis Time..: 17:58
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-2-138-10

GC/MS Volatiles

Lot-Sample #...: E0J110284-028 Work Order #...: DM1A81AA 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	91	(60 - 140)
Toluene-d8	101	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-10/11 RINSATE

GC/MS Volatiles

Lot-Sample #...: E0J110284-029 Work Order #...: DM1A91AA Matrix.....: WATER
Date Sampled...: 10/11/00 16:00 Date Received..: 10/11/00 16:45 MS Run #.....: 0290179
Prep Date.....: 10/13/00 Analysis Date..: 10/14/00
Prep Batch #...: 0290625 Analysis Time..: 00:10
Dilution Factor: 1
Analyst ID.....: 015590 Instrument ID..: MSC
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-2-10/11 RINSATE

GC/MS Volatiles

Lot-Sample #...: E0J110284-029 Work Order #...: DM1A91AA 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	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
1,2,4-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	105	(75 - 120)
1,2-Dichloroethane-d4	97	(65 - 130)
Toluene-d8	100	(80 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E0J110284-030 Work Order #...: DM1CC1AA Matrix.....: WATER
Date Sampled...: 10/11/00 Date Received..: 10/11/00 17:00 MS Run #.....: 0290179
Prep Date.....: 10/13/00 Analysis Date..: 10/14/00
Prep Batch #...: 0290625 Analysis Time..: 00:40
Dilution Factor: 1
Analyst ID.....: 015590 Instrument ID..: MSC
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: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E0J110284-030 **Work Order #...:** DM1CC1AA **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	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
1,2,4-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	99	(75 - 120)
1,2-Dichloroethane-d4	81	(65 - 130)
Toluene-d8	106	(80 - 130)

KENNEDY/JENKS CONSULTANTS

C-2-117-5

GC/MS Volatiles

Lot-Sample #: E0J110284-001 **Work Order #:** DM09M1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-117-10

GC/MS Volatiles

Lot-Sample #: E0J110284-002 **Work Order #:** DM09P1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-117-15

GC/MS Volatiles

Lot-Sample #: E0J110284-003 **Work Order #:** DM09Q1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-119-5

GC/MS Volatiles

Lot-Sample #: E0J110284-004 **Work Order #:** DM09R1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-119-10

GC/MS Volatiles

Lot-Sample #: E0J110284-005 **Work Order #:** DM09T1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-123-5

GC/MS Volatiles

Lot-Sample #: E0J110284-006 **Work Order #:** DM09V1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-123-10

GC/MS Volatiles

Lot-Sample #: E0J110284-007 **Work Order #:** DM09X1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-130-5

GC/MS Volatiles

Lot-Sample #: E0J110284-009 **Work Order #:** DM0911AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-130-10

GC/MS Volatiles

Lot-Sample #: E0J110284-010 Work Order #: DM0921AA Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-131-5

GC/MS Volatiles

Lot-Sample #: E0J110284-011 **Work Order #:** DM0931AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-131-10

GC/MS Volatiles

Lot-Sample #: E0J110284-012 **Work Order #:** DM0961AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-132-1

GC/MS Volatiles

Lot-Sample #: E0J110284-013 **Work Order #:** DM0981AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-132-5

GC/MS Volatiles

Lot-Sample #: E0J110284-014 Work Order #: DM1AA1AC Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-133-5

GC/MS Volatiles

Lot-Sample #: E0J110284-015 **Work Order #:** DM1AE1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-133-10

GC/MS Volatiles

Lot-Sample #: E0J110284-016 **Work Order #:** DM1AF1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-134-5

GC/MS Volatiles

Lot-Sample #: E0J110284-017 Work Order #: DM1AJ1AA Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-134-10

GC/MS Volatiles

Lot-Sample #: E0J110284-018 **Work Order #:** DM1AL1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-135-5

GC/MS Volatiles

Lot-Sample #: E0J110284-019 **Work Order #:** DM1AM1AD **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-135-10

GC/MS Volatiles

Lot-Sample #: E0J110284-020 **Work Order #:** DM1AP1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-104-5

GC/MS Volatiles

Lot-Sample #: E0J110284-021 **Work Order #:** DM1AR1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-104-10

GC/MS Volatiles

Lot-Sample #: E0J110284-022 **Work Order #:** DM1AV1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-136-1

GC/MS Volatiles

Lot-Sample #: E0J110284-023 **Work Order #:** DM1AX1AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-136-5

GC/MS Volatiles

Lot-Sample #: E0J110284-024 **Work Order #:** DM1A11AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-137-1

GC/MS Volatiles

Lot-Sample #: E0J110284-025 Work Order #: DM1A31AC Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-137-5

GC/MS Volatiles

Lot-Sample #: E0J110284-026 **Work Order #:** DM1A51AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-138-5

GC/MS Volatiles

Lot-Sample #: E0J110284-027 **Work Order #:** DM1A61AC **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-138-10

GC/MS Volatiles

Lot-Sample #: E0J110284-028 Work Order #: DM1A81AA Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

C-2-10/11 RINSATE

GC/MS Volatiles

Lot-Sample #: E0J110284-029 **Work Order #:** DM1A91AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
----		-- M		ug/L

NOTE(S):

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

KENNEDY/JENKS CONSULTANTS

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GC/MS Volatiles

Lot-Sample #: E0J110284-030 Work Order #: DM1CC1AA Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
----		-- M		ug/L

NOTE(S):

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-117-5

TOTAL Metals

Lot-Sample #...: E0J110284-001 Matrix.....: SOLID
Date Sampled...: 10/11/00 08:15 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	32900	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AE
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.6	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AF
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AG
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	140	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AH
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.64	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AJ
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	34.0	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AK
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.92	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AL
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	6.9	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AM
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AN
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-117-5

TOTAL Metals

Lot-Sample #...: E0J110284-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AP
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	13.3	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AQ
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	19.1	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AR
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	0.97 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AT
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	20.8	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AU
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	1.6	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AV
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	63.3	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AW
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	62.1	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09M1AX
		Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.038 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM09M1A0
		Dilution Factor: 1		Analysis Time..: 16:57	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-119-5

TOTAL Metals

Lot-Sample #...: E0J110284-004
Date Sampled...: 10/11/00 10:00 Date Received..: 10/11/00 16:45
% Moisture.....:

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	26400	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AF
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.7	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AG
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AH
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	201	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AJ
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.44 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AK
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	27.6	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AL
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.73	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AM
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	6.4	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AN
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AP
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-119-5

TOTAL Metals

Lot-Sample #...: E0J110284-004 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AQ
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	12.9	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AR
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	14.4	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AT
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.1 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AU
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	15.5	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AV
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	0.66 B	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AW
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	55.2	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1AX
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	52.9	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09R1A0
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	

Prep Batch #...: 0287273

Mercury	ND	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM09R1AA
		Dilution Factor: 1		Analysis Time..: 16:59	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-123-5

TOTAL Metals

Lot-Sample #...: E0J110284-006 Matrix.....: SOLID
Date Sampled...: 10/11/00 10:20 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	11700	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AF
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	2.0	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AG
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AH
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	84.4	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AJ
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.23 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AK
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	17.1	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AL
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.40 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AM
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	4.3	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AN
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AP
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-123-5

TOTAL Metals

Lot-Sample #...: E0J110284-006 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AQ
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	5.3	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AR
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	12.2	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AT
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	0.97 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AU
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	8.7	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AV
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AW
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	35.5	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1AX
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	29.4	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM09V1A0
		Dilution Factor: 1		Analysis Time..: 23:08	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	

Prep Batch #...: 0287273

Mercury	ND	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM09V1AA
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-130-5

TOTAL Metals

Lot-Sample #...: E0J110284-009 Matrix.....: SOLID
Date Sampled...: 10/11/00 10:45 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	27700	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AC
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.6	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AD
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AE
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	166	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AF
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.63	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AG
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	30.0	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AH
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.81	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AJ
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	6.7	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AK
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AL
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-130-5

TOTAL Metals

Lot-Sample #...: E0J110284-009 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AM
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	15.3	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AN
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	17.5	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AP
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AQ
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	18.0	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AR
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	0.87 B	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AT
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	60.1	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AU
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	56.0	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0911AV
		Dilution Factor: 1		Analysis Time..: 21:50	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	ND	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM0911AW
		Dilution Factor: 1		Analysis Time..: 16:48	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-131-5

TOTAL Metals

Lot-Sample #...: E0J110284-011 Matrix.....: SOLID
Date Sampled...: 10/11/00 11:10 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	16400	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AE
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	2.6	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AF
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AG
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	108	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AH
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.39 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AJ
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	20.2	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AK
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.55	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AL
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	4.8	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AM
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AN
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-131-5

TOTAL Metals

Lot-Sample #...: E0J110284-011 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AP
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	10.7	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AQ
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	16.6	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AR
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	0.78 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AT
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	12.1	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AU
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AV
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	42.5	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AW
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	37.9	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0931AX
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	ND	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM0931A0
		Dilution Factor: 1		Analysis Time..: 16:50	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-132-1

TOTAL Metals

Lot-Sample #...: E0J110284-013 Matrix.....: SOLID
Date Sampled...: 10/11/00 11:25 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	15800	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AF
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	2.0	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AG
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AH
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	112	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AJ
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.36 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AK
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	19.2	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AL
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.52	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AM
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	4.8	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AN
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	0.46 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AP
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-132-1

TOTAL Metals

Lot-Sample #...: E0J110284-013 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AQ
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	9.3	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AR
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	16.4	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AT
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.0 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AU
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	11.6	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AV
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AW
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	38.2	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981AX
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	39.9	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM0981A0
		Dilution Factor: 1		Analysis Time..: 22:06	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.032 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM0981AA
		Dilution Factor: 1		Analysis Time..: 16:52	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-132-5

TOTAL Metals

Lot-Sample #...: E0J110284-014 Matrix.....: SOLID
Date Sampled...: 10/11/00 11:35 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	22600	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AF
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.4	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AG
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AH
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	102	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AJ
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.35 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AK
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	22.4	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AL
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.65	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AM
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	5.1	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AN
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AP
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-132-5

TOTAL Metals

Lot-Sample #...: E0J110284-014 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AQ
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	9.6	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AR
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	16.5	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AT
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AU
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	12.7	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AV
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	0.53 B	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AW
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	48.6	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1AX
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	44.2	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AA1A0
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	

Prep Batch #...: 0287273

Mercury	ND	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1AA1AA
		Dilution Factor: 1		Analysis Time..: 17:10	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-133-5

TOTAL Metals

Lot-Sample #...: E0J110284-015 Matrix.....: SOLID
Date Sampled...: 10/11/00 13:00 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	26800	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AF
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	2.4	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AG
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AH
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	143	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AJ
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.46 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AK
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	32.5	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AL
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.73	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AM
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	4.6	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AN
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AP
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-133-5

TOTAL Metals

Lot-Sample #...: E0J110284-015 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AQ
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	8.7	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AR
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	15.6	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AT
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AU
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	13.6	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AV
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	0.96 B	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AW
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	51.2	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1AX
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	50.9	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1AE1A0
		Dilution Factor: 1		Analysis Time..: 23:55	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	

Prep Batch #...: 0287273

Mercury	0.057 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1AE1AA
		Dilution Factor: 1		Analysis Time..: 17:12	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-134-5

TOTAL Metals

Lot-Sample #...: E0J110284-017
Date Sampled...: 10/11/00 13:15 Date Received..: 10/11/00 16:45
% Moisture.....:

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	30100	20.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AC
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	4.0	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AD
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AE
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	159	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AF
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.52	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AG
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	28.2	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AH
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.77	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AJ
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	6.4	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AK
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AL
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-134-5

TOTAL Metals

Lot-Sample #...: E0J110284-017 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AM
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	19.2	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AN
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	18.8	2.5	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AP
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AQ
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	17.8	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AR
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	0.85 B	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AT
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	60.7	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AU
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	55.7	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AJ1AV
		Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	

Prep Batch #...: 0287273

Mercury	ND	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1AJ1AW
		Dilution Factor: 1		Analysis Time..: 17:17	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-135-5

TOTAL Metals

Lot-Sample #...: E0J110284-019 Matrix.....: SOLID
Date Sampled...: 10/11/00 13:35 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	15500	20.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AG
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	2.0	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AH
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AJ
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	99.7	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AK
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.35 B	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AL
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	18.8	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AM
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.49 B	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AN
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	4.4	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AP
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AQ
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-135-5

TOTAL Metals

Lot-Sample #...: E0J110284-019 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AR
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	9.4	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AT
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	15.6	2.5	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AU
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.1 B	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AV
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	11.1	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AW
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AX
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	38.3	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1A0
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	36.3	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AM1AA
		Dilution Factor: 1		Analysis Time..: 00:11	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	ND	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1AM1AC
		Dilution Factor: 1		Analysis Time..: 17:19	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-104-5

TOTAL Metals

Lot-Sample #...: E0J110284-021 Matrix.....: SOLID
Date Sampled...: 10/11/00 14:20 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	23900	20.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AF
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.8	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AG
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AH
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	149	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AJ
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.49 B	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AK
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	25.8	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AL
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.70	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AM
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	5.6	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AN
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AP
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-104-5

TOTAL Metals

Lot-Sample #...: E0J110284-021 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AQ
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	10.8	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AR
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	20.6	2.5	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AT
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	0.87 B	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AU
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	19.6	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AV
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	0.87 B	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AW
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	53.9	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1AX
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	57.9	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AR1A0
		Dilution Factor: 1		Analysis Time..: 00:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.035 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1AR1AA
		Dilution Factor: 1		Analysis Time..: 17:21	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-104-10

TOTAL Metals

Lot-Sample #...: E0J110284-022 Matrix.....: SOLID
Date Sampled...: 10/11/00 14:25 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	26000	20.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AF
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.7	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AG
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	0.25 B	6.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AH
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	153	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AJ
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.63	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AK
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	28.1	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AL
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.71	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AM
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	5.3	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AN
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AP
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-104-10

TOTAL Metals

Lot-Sample #...: E0J110284-022 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AQ
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	10.8	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AR
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	22.2	2.5	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AT
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AU
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	20.9	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AV
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	0.94 B	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AW
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	56.0	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1AX
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	63.3	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AV1A0
		Dilution Factor: 1		Analysis Time..: 00:41	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.034 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1AV1AA
		Dilution Factor: 1		Analysis Time..: 17:23	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-1

TOTAL Metals

Lot-Sample #...: E0J110284-023 Matrix.....: SOLID
Date Sampled...: 10/11/00 14:45 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	20000	20.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AF
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.5	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AG
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AH
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	151	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AJ
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.58	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AK
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	24.1	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AL
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.59	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AM
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	10.8	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AN
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AP
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-1

TOTAL Metals

Lot-Sample #...: E0J110284-023 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AQ
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	87.7	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AR
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	20.3	2.5	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AT
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AU
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	15.0	4.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AV
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	0.50 B	1.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AW
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	46.7	5.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1AX
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	85.2	2.0	mg/kg	SW846 6010B	10/13-10/17/00	DM1AX1A0
		Dilution Factor: 1		Analysis Time..: 00:49	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.028 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1AX1AA
		Dilution Factor: 1		Analysis Time..: 17:24	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-5

TOTAL Metals

Lot-Sample #...: E0J110284-024 Matrix.....: SOLID
Date Sampled...: 10/11/00 14:50 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	25600	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AF
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.4	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AG
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AH
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	115	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AJ
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.48 B	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AK
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	26.8	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AL
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.66	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AM
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	5.4	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AN
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AP
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-136-5

TOTAL Metals

Lot-Sample #...: E0J110284-024 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AQ
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	15.2	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AR
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	17.9	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AT
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AU
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	22.4	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AV
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	1.3	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AW
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	58.6	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11AX
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	57.3	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A11A0
		Dilution Factor: 1		Analysis Time..: 23:16	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.023 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1A11AA
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-137-1

TOTAL Metals

Lot-Sample #...: E0J110284-025 Matrix.....: SOLID
Date Sampled...: 10/11/00 15:15 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	35400	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AF
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	4.3	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AG
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AH
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	144	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AJ
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.70	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AK
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	41.7	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AL
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.96	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AM
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	7.0	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AN
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AP
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-137-1

TOTAL Metals

Lot-Sample #...: E0J110284-025 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AQ
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	13.9	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AR
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	23.9	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AT
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AU
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	27.8	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AV
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AW
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	73.4	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31AX
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	77.6	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A31A0
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.062 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1A31AA
		Dilution Factor: 1		Analysis Time..: 17:04	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-137-5

TOTAL Metals

Lot-Sample #...: E0J110284-026 Matrix.....: SOLID
Date Sampled...: 10/11/00 15:20 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	31700	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AF
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.6	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AG
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AH
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	163	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AJ
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.62	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AK
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	29.1	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AL
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.87	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AM
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	6.2	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AN
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AP
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-137-5

TOTAL Metals

Lot-Sample #...: E0J110284-026 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AQ
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	14.8	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AR
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	22.8	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AT
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.0 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AU
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	18.2	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AV
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AW
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	67.1	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51AX
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	66.2	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A51A0
		Dilution Factor: 1		Analysis Time..: 23:33	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.026 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1A51AA
		Dilution Factor: 1		Analysis Time..: 17:06	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-138-5

TOTAL Metals

Lot-Sample #...: E0J110284-027 Matrix.....: SOLID
Date Sampled...: 10/11/00 15:30 Date Received..: 10/11/00 16:45
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0287268						
Aluminum	28100	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AF
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 8.0	
Arsenic	3.0	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AG
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AH
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.20	
Barium	140	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AJ
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cadmium	0.51	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AK
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Chromium	24.7	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AL
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Beryllium	0.76	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AM
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.050	
Lead	5.3	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AN
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AP
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-138-5

TOTAL Metals

Lot-Sample #...: E0J110284-027 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AQ
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Cobalt	11.2	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AR
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Copper	19.2	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AT
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.40	
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AU
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Nickel	14.9	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AV
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AW
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.50	
Vanadium	58.2	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61AX
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 0.10	
Zinc	57.7	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM1A61A0
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 0031193	
		Instrument ID..: M01		MS Run #.....: 0287103	MDL.....: 1.0	
Prep Batch #...: 0287273						
Mercury	0.028 B	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM1A61AA
		Dilution Factor: 1		Analysis Time..: 17:08	Analyst ID.....: 0210883	
		Instrument ID..: M04		MS Run #.....: 0287113	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E0J110284

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0299464	0299211
	SOLID	SW846 6010B		0287268	0287103
002	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 8260B		0299464	0299211
003	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 8260B		0299464	0299211
004	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0299464	0299211
	SOLID	SW846 6010B		0287268	0287103
005	SOLID	SW846 8260B		0299464	0299211
006	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0299464	0299211
	SOLID	SW846 6010B		0287268	0287103
007	SOLID	SW846 8260B		0299464	0299211
008	SOLID	SW846 8082		0285588	0285290
009	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0299464	0299211
	SOLID	SW846 6010B		0287268	0287103
010	SOLID	SW846 8260B		0299464	0299211
011	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0299464	0299211
	SOLID	SW846 6010B		0287268	0287103

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QC DATA ASSOCIATION SUMMARY

E0J110284

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	SOLID	SW846 8260B		0299464	0299211
013	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0299464	0299211
	SOLID	SW846 6010B		0287268	0287103
014	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0299464	0299211
	SOLID	SW846 6010B		0287268	0287103
015	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0299464	0299211
	SOLID	SW846 6010B		0287268	0287103
016	SOLID	SW846 8260B		0299464	0299211
017	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346
	SOLID	SW846 6010B		0287268	0287103
018	SOLID	SW846 8260B		0298635	0298346
019	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346
	SOLID	SW846 6010B		0287268	0287103
020	SOLID	SW846 8260B		0298635	0298346
021	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346
	SOLID	SW846 6010B		0287268	0287103
022	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346

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QC DATA ASSOCIATION SUMMARY

E0J110284

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
022	SOLID	SW846 6010B		0287268	0287103
023	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346
	SOLID	SW846 6010B		0287268	0287103
024	SOLID	SW846 8015B		0286486	0286253
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346
	SOLID	SW846 6010B		0287268	0287103
025	SOLID	SW846 8015B		0286487	0286254
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346
	SOLID	SW846 6010B		0287268	0287103
026	SOLID	SW846 8015B		0286487	0286254
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346
	SOLID	SW846 6010B		0287268	0287103
027	SOLID	SW846 8015B		0286487	0286254
	SOLID	SW846 8015B		0297271	0297118
	SOLID	SW846 7471A		0287273	0287113
	SOLID	SW846 8260B		0298635	0298346
	SOLID	SW846 6010B		0287268	0287103
028	SOLID	SW846 8260B		0301464	0301228
029	WATER	SW846 8260B		0290625	0290179
030	WATER	SW846 8260B		0290625	0290179

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J160000-625 B **Work Order #:** DM8XT1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
N0ne		-- M		ug/L

NOTE(S):

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

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J240000-635 B Work Order #: DNN521AA 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 #: E0J250000-464 B **Work Order #:** DNQRJ1AA **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 #: E0J270000-464 B **Work Order #:** DN0LT1AA **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 #...: E0J110284
MB Lot-Sample #: E0J110000-588

Work Order #...: DM1D41AA

Matrix.....: SOLID

Prep Date.....: 10/11/00
Prep Batch #...: 0285588

Analysis Time..: 09:14
Instrument ID..: G9A

Analysis Date..: 10/13/00
Dilution Factor: 1

Analyst ID.....: 018568

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(60 - 140)
Tetrachloro-m-xylene	125	(60 - 140)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0J110284
MB Lot-Sample #: E0J120000-486

Work Order #...: DM3KJ1AA

Matrix.....: SOLID

Analysis Date..: 10/19/00
Dilution Factor: 1

Prep Date.....: 10/12/00
Prep Batch #...: 0286486

Analyst ID.....: 356074

Analysis Time..: 00:56
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	121	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0J110284
MB Lot-Sample #: E0J120000-487

Work Order #...: DM3K31AA

Matrix.....: SOLID

Prep Date.....: 10/12/00

Analysis Time..: 02:35

Analysis Date..: 10/25/00

Prep Batch #...: 0286487

Instrument ID..: G01

Dilution Factor: 1

Analyst ID.....: 356074

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	84	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0J110284
MB Lot-Sample #: E0J120000-487

Work Order #...: DM3K31AD

Matrix.....: SOLID

Prep Date.....: 10/12/00
Prep Batch #...: 0286487

Analysis Time..: 05:16
Instrument ID..: G03

Analysis Date..: 10/25/00
Dilution Factor: 1

Analyst ID.....: 356074

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	101	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J110284
MB Lot-Sample #: E0J160000-625

Work Order #...: DM8XT1AA

Matrix.....: WATER

Prep Date.....: 10/13/00

Analysis Time..: 21:02

Analysis Date..: 10/13/00
Dilution Factor: 1

Prep Batch #...: 0290625

Instrument ID..: MSC

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 #...: E0J110284 Work Order #...: DM8XT1AA 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	102	(75 - 120)
1,2-Dichloroethane-d4	96	(65 - 130)
Toluene-d8	100	(80 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E0J110284
MB Lot-Sample #: E0J230000-271

Analysis Date..: 10/17/00
Dilution Factor: 1

Work Order #...: DNLMV1AA

Prep Date.....: 10/17/00
Prep Batch #...: 0297271

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 21:59
Instrument ID..: G15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	0.32 J	1.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	108	(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 #...: E0J110284
MB Lot-Sample #: E0J240000-635

Work Order #...: DNN521AA

Matrix.....: SOLID

Prep Date.....: 10/22/00
Prep Batch #...: 0298635

Analysis Time..: 13:09
Instrument ID..: MSG

Analysis Date..: 10/22/00
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 #...: E0J110284 Work Order #...: DNN521AA 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	103	(70 - 130)
1,2-Dichloroethane-d4	107	(60 - 140)
Toluene-d8	97	(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 #...: E0J110284
MB Lot-Sample #: E0J250000-464

Work Order #...: DNQRJ1AA

Matrix.....: SOLID

Prep Date.....: 10/22/00
Prep Batch #...: 0299464

Analysis Time..: 12:36
Instrument ID..: MSD

Analysis Date..: 10/22/00
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 #...: E0J110284 Work Order #...: DNQRJ1AA 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	93	(70 - 130)
1,2-Dichloroethane-d4	89	(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 #...: E0J110284
MB Lot-Sample #: E0J270000-464

Work Order #...: DN0LT1AA

Matrix.....: SOLID

Prep Date.....: 10/24/00
Prep Batch #...: 0301464

Analysis Time..: 15:49
Instrument ID..: MSD

Analysis Date..: 10/24/00
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 #...: E0J110284 Work Order #...: DN0LT1AA 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	94	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	100	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0J110284 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: E0J130000-268 **Prep Batch #...:** 0287268						
Aluminum	ND	20.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AA
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AC
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AD
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AE
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AF
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AG
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AH
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AJ
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AK
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AL
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AM
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0J110284 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.5	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AN
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AP
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AQ
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AR
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AT
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	10/13-10/16/00	DM4L51AU
		Dilution Factor: 1				
		Analysis Time..: 21:36		Analyst ID.....: 003119	Instrument ID..: M01	

MB Lot-Sample #: E0J130000-273 Prep Batch #...: 0287273

Mercury	ND	0.10	mg/kg	SW846 7471A	10/14-10/17/00	DM4Q41AA
		Dilution Factor: 1				
		Analysis Time..: 16:38		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E0J110284
LCS Lot-Sample#: E0J110000-588
Prep Date.....: 10/11/00
Prep Batch #...: 0285588
Dilution Factor: 1
Analyst ID.....: 018568

Work Order #...: DM1D41AC
Analysis Date..: 10/13/00
Analysis Time..: 09:54
Instrument ID..: G9A

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	333	287	ug/kg	86	SW846 8082
Aroclor 1260	333	304	ug/kg	91	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(60 - 140)
Tetrachloro-m-xylene	118	(60 - 140)

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 #...: E0J110284
LCS Lot-Sample#: E0J120000-486
Prep Date.....: 10/12/00
Prep Batch #...: 0286486
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: DM3KJ1AC
Analysis Date..: 10/19/00
Analysis Time..: 01:26
Instrument ID..: G01

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	250	321	mg/kg	128	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	114	(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 #...: E0J110284
LCS Lot-Sample#: E0J120000-487
Prep Date.....: 10/12/00
Prep Batch #...: 0286487
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: DM3K31AC
Analysis Date..: 10/25/00
Analysis Time..: 03:06
Instrument ID..: G01

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	250	212	mg/kg	85	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	82	(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 #...: E0J110284
LCS Lot-Sample#: E0J120000-487
Prep Date.....: 10/12/00
Prep Batch #...: 0286487
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: DM3K31AE
Analysis Date..: 10/27/00
Analysis Time..: 05:55
Instrument ID..: G03

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	250	237	mg/kg	95	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	102	(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 #...: E0J110284
LCS Lot-Sample#: E0J160000-625
Prep Date.....: 10/13/00
Prep Batch #...: 0290625
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: DM8XT1AC
Analysis Date..: 10/13/00
Analysis Time..: 20:31
Instrument ID..: MSC

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	10.0	9.15	ug/L	92	SW846 8260B
1,1-Dichloroethene	10.0	8.45	ug/L	84	SW846 8260B
Chlorobenzene	10.0	8.94	ug/L	89	SW846 8260B
Toluene	10.0	9.00	ug/L	90	SW846 8260B
Trichloroethene	10.0	8.77	ug/L	88	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(75 - 120)
1,2-Dichloroethane-d4	99	(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 Volatiles

Client Lot #...: E0J110284
LCS Lot-Sample#: E0J230000-271
Prep Date.....: 10/17/00
Prep Batch #...: 0297271
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: DNLMV1AC
Analysis Date..: 10/17/00
Analysis Time..: 21:32
Instrument ID..: G15

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	5.00	5.08	mg/kg	102	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	119	(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 #...: E0J110284 Work Order #...: DNN521AC Matrix.....: SOLID
LCS Lot-Sample#: E0J240000-635
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0298635 Analysis Time..: 12:34
Dilution Factor: 1 Instrument ID..: MSG
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	50.0	51.6	ug/kg	103	SW846 8260B
Chlorobenzene	50.0	47.8	ug/kg	96	SW846 8260B
1,1-Dichloroethene	50.0	54.0	ug/kg	108	SW846 8260B
Toluene	50.0	48.2	ug/kg	96	SW846 8260B
Trichloroethene	50.0	49.2	ug/kg	98	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(70 - 130)
1,2-Dichloroethane-d4	110	(60 - 140)
Toluene-d8	102	(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 #...: E0J110284
LCS Lot-Sample#: E0J250000-464
Prep Date.....: 10/22/00
Prep Batch #...: 0299464
Dilution Factor: 1
Analyst ID.....: 004648

Work Order #...: DNQRJ1AC
Analysis Date..: 10/22/00
Analysis Time..: 12:04
Instrument ID..: MSD

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	50.0	45.6	ug/kg	91	SW846 8260B
Chlorobenzene	50.0	48.1	ug/kg	96	SW846 8260B
1,1-Dichloroethene	50.0	45.4	ug/kg	91	SW846 8260B
Toluene	50.0	46.2	ug/kg	92	SW846 8260B
Trichloroethene	50.0	50.1	ug/kg	100	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	94	(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 #...: E0J110284 Work Order #...: DN0LT1AC Matrix.....: SOLID
LCS Lot-Sample#: E0J270000-464
Prep Date.....: 10/24/00 Analysis Date..: 10/24/00
Prep Batch #...: 0301464 Analysis Time..: 15:18
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	50.0	50.3	ug/kg	101	SW846 8260B
Chlorobenzene	50.0	49.1	ug/kg	98	SW846 8260B
1,1-Dichloroethene	50.0	47.1	ug/kg	94	SW846 8260B
Toluene	50.0	49.1	ug/kg	98	SW846 8260B
Trichloroethene	50.0	48.4	ug/kg	97	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	113	(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 #...: E0J110284 Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E0J130000-268 Prep Batch #...: 0287268							
Aluminum	200	191	mg/kg	95	SW846 6010B	10/13-10/16/00	DM4L51AV
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	200	181	mg/kg	90	SW846 6010B	10/13-10/16/00	DM4L51AW
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	50.0	47.3	mg/kg	95	SW846 6010B	10/13-10/16/00	DM4L51AX
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	200	197	mg/kg	99	SW846 6010B	10/13-10/16/00	DM4L51A0
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	5.00	4.95	mg/kg	99	SW846 6010B	10/13-10/16/00	DM4L51A1
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	20.0	20.7	mg/kg	103	SW846 6010B	10/13-10/16/00	DM4L51A2
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	5.00	4.98	mg/kg	100	SW846 6010B	10/13-10/16/00	DM4L51A3
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	50.0	47.4	mg/kg	95	SW846 6010B	10/13-10/16/00	DM4L51A4
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	200	182	mg/kg	91	SW846 6010B	10/13-10/16/00	DM4L51A5
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	5.00	4.98	mg/kg	100	SW846 6010B	10/13-10/16/00	DM4L51A6
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J110284 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	50.0	50.6	mg/kg	101	SW846 6010B	10/13-10/16/00	DM4L51A7
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	25.0	24.4	mg/kg	98	SW846 6010B	10/13-10/16/00	DM4L51A8
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	97.7	mg/kg	98	SW846 6010B	10/13-10/16/00	DM4L51A9
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	50.0	49.6	mg/kg	99	SW846 6010B	10/13-10/16/00	DM4L51CA
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	200	192	mg/kg	96	SW846 6010B	10/13-10/16/00	DM4L51CC
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	50.0	50.6	mg/kg	101	SW846 6010B	10/13-10/16/00	DM4L51CD
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	50.0	49.7	mg/kg	99	SW846 6010B	10/13-10/16/00	DM4L51CE
			Dilution Factor: 1				
			Analysis Time..: 21:42		Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E0J130000-273 **Prep Batch #...:** 0287273

Mercury	0.833	0.802	mg/kg	96	SW846 7471A	10/14-10/17/00	DM4Q41AC
			Dilution Factor: 1				
			Analysis Time..: 16:39		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 #...: E0J110284 Work Order #...: DM1D41AC Matrix.....: SOLID
LCS Lot-Sample#: E0J110000-588
Prep Date.....: 10/11/00 Analysis Date..: 10/13/00
Prep Batch #...: 0285588 Analysis Time..: 09:54
Dilution Factor: 1 Instrument ID..: G9A
Analyst ID.....: 018568

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**86**	**(65 - 130)**	**SW846 8082**
Aroclor 1260	**91**	**(70 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(60 - 140)
Tetrachloro-m-xylene	118	(60 - 140)

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 #...: E0J110284 Work Order #...: DM3KJ1AC Matrix.....: SOLID
LCS Lot-Sample#: E0J120000-486
Prep Date.....: 10/12/00 Analysis Date..: 10/19/00
Prep Batch #...: 0286486 Analysis Time..: 01:26
Dilution Factor: 1 Instrument ID..: G01
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**128**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	114	(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 #...: E0J110284 Work Order #...: DM3K31AC Matrix.....: SOLID
LCS Lot-Sample#: E0J120000-487
Prep Date.....: 10/12/00 Analysis Date..: 10/25/00
Prep Batch #...: 0286487 Analysis Time..: 03:06
Dilution Factor: 1 Instrument ID..: G01
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	85	(60 - 130)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	82	(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 #...: E0J110284 Work Order #...: DM3K31AE Matrix.....: SOLID
LCS Lot-Sample#: E0J120000-487
Prep Date.....: 10/12/00 Analysis Date..: 10/27/00
Prep Batch #...: 0286487 Analysis Time..: 05:55
Dilution Factor: 1 Instrument ID..: G03
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	95	(60 - 130)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	102	(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 #...: E0J110284
LCS Lot-Sample#: E0J160000-625
Prep Date.....: 10/13/00
Prep Batch #...: 0290625
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: DM8XT1AC
Analysis Date..: 10/13/00
Analysis Time..: 20:31
Instrument ID..: MSC

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	92	(75 - 120)	SW846 8260B
1,1-Dichloroethene	84	(70 - 130)	SW846 8260B
Chlorobenzene	89	(80 - 120)	SW846 8260B
Toluene	90	(80 - 120)	SW846 8260B
Trichloroethene	88	(75 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(75 - 120)
1,2-Dichloroethane-d4	99	(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 Volatiles

Client Lot #...: E0J110284 Work Order #...: DNLMV1AC Matrix.....: SOLID
LCS Lot-Sample#: E0J230000-271
Prep Date.....: 10/17/00 Analysis Date..: 10/17/00
Prep Batch #...: 0297271 Analysis Time..: 21:32
Dilution Factor: 1 Instrument ID..: G15
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**102**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	119	(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 #...: E0J110284
LCS Lot-Sample#: E0J240000-635
Prep Date.....: 10/22/00
Prep Batch #...: 0298635
Dilution Factor: 1
Analyst ID.....: 004648

Work Order #...: DNN521AC
Analysis Date..: 10/22/00
Analysis Time..: 12:34
Instrument ID..: MSG

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	103	(70 - 140)	SW846 8260B
Chlorobenzene	96	(70 - 130)	SW846 8260B
1,1-Dichloroethene	108	(60 - 150)	SW846 8260B
Toluene	96	(70 - 130)	SW846 8260B
Trichloroethene	98	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(70 - 130)
1,2-Dichloroethane-d4	110	(60 - 140)
Toluene-d8	102	(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 #...: E0J110284
LCS Lot-Sample#: E0J250000-464
Prep Date.....: 10/22/00
Prep Batch #...: 0299464
Dilution Factor: 1
Analyst ID.....: 004648

Work Order #...: DNQRJ1AC
Analysis Date..: 10/22/00
Analysis Time..: 12:04
Instrument ID..: MSD

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	91	(70 - 140)	SW846 8260B
Chlorobenzene	96	(70 - 130)	SW846 8260B
1,1-Dichloroethene	91	(60 - 150)	SW846 8260B
Toluene	92	(70 - 130)	SW846 8260B
Trichloroethene	100	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	94	(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 #...: E0J110284 Work Order #...: DN0LT1AC Matrix.....: SOLID
LCS Lot-Sample#: E0J270000-464
Prep Date.....: 10/24/00 Analysis Date..: 10/24/00
Prep Batch #...: 0301464 Analysis Time..: 15:18
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	101	(70 - 140)	SW846 8260B
Chlorobenzene	98	(70 - 130)	SW846 8260B
1,1-Dichloroethene	94	(60 - 150)	SW846 8260B
Toluene	98	(70 - 130)	SW846 8260B
Trichloroethene	97	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	113	(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 #...: E0J110284 Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E0J130000-268 **Prep Batch #...:** 0287268					
Aluminum	95	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51AV
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	90	(75 - 115)	SW846 6010B	10/13-10/16/00	DM4L51AW
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	95	(75 - 115)	SW846 6010B	10/13-10/16/00	DM4L51AX
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Barium	99	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A0
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	99	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A1
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	103	(85 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A2
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	100	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A3
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Lead	95	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A4
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	91	(70 - 115)	SW846 6010B	10/13-10/16/00	DM4L51A5
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Silver	100	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A6
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J110284 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	101	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A7
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Copper	98	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A8
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	98	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51A9
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	99	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51CA
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	96	(75 - 120)	SW846 6010B	10/13-10/16/00	DM4L51CC
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	101	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51CD
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	99	(80 - 120)	SW846 6010B	10/13-10/16/00	DM4L51CE
		Dilution Factor: 1			
		Analysis Time..: 21:42	Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E0J130000-273 **Prep Batch #...:** 0287273

Mercury	96	(85 - 115)	SW846 7471A	10/14-10/17/00	DM4Q41AC
		Dilution Factor: 1			
		Analysis Time..: 16:39	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 Semivolatiles

Client Lot #...:	E0J110284	Work Order #...:	DLQ16104-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J060359-002		DLQ16105-MSD		
Date Sampled...:	10/06/00 08:45	Date Received..:	10/06/00 17:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/19/00		
Prep Batch #...:	0286486	Analysis Time..:	02:27		
Dilution Factor:	1	% Moisture.....:	100	Analyst ID.....:	356074
Instrument ID..:	G01				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)		250	282	mg/kg	113		SW846 8015B
		250	326	mg/kg	130	14	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	103	(60 - 130)
	113	(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 Semivolatiles

Client Lot #...:	E0J110284	Work Order #...:	DLW0K11D-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J100249-001		DLW0K11E-MSD		
Date Sampled...:	10/09/00 08:45	Date Received..:	10/10/00 10:00	MS Run #.....:	0285290
Prep Date.....:	10/11/00	Analysis Date..:	10/13/00		
Prep Batch #...:	0285588	Analysis Time..:	11:53		
Dilution Factor:	1	% Moisture.....:	100	Analyst ID.....:	018568
Instrument ID..:	G9A				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	ND	333	276	ug/kg	83		SW846 8082
	ND	333	298	ug/kg	89	7.4	SW846 8082
Aroclor 1260	ND	333	411	ug/kg	123		SW846 8082
	ND	333	480	ug/kg	144 a	15	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(60 - 140)
	109	(60 - 140)
Tetrachloro-m-xylene	104	(60 - 140)
	119	(60 - 140)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

HIGH SULFUR CONTENT; MATRIX INTERFERENCE WITH AR1260.

HIGH SULFUR CONTENT.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J110284 Matrix.....: SOLID
Date Sampled...: 10/02/00 15:20 Date Received..: 10/10/00 17:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J100266-001 **Prep Batch #...:** 0287273									
Mercury									
	ND	0.167	0.162	mg/kg	97		SW846 7471A	10/14-10/17/00	DLW4A109
	ND	0.167	0.172	mg/kg	103	5.6	SW846 7471A	10/14-10/17/00	DLW4A11A

Dilution Factor: 1
Analysis Time..: 16:43 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 0287113

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J110284 **Matrix.....:** SOLID
Date Sampled...: 10/11/00 08:15 **Date Received..:** 10/11/00 16:45

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J110284-001 **Prep Batch #...:** 0287268									
Aluminum									
	32900	200	42700 NC	mg/kg			SW846 6010B	10/13-10/16/00	DM09M1A1
	32900	200	45200 NC	mg/kg			SW846 6010B	10/13-10/16/00	DM09M1A2
			Dilution Factor: 1						
			Analysis Time..: 22:30		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0287103						
Arsenic									
	3.6	200	168	mg/kg	82		SW846 6010B	10/13-10/16/00	DM09M1A3
	3.6	200	170	mg/kg	83	1.3	SW846 6010B	10/13-10/16/00	DM09M1A4
			Dilution Factor: 1						
			Analysis Time..: 22:30		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0287103						
Antimony									
	ND	50.0	22.1 N	mg/kg	44		SW846 6010B	10/13-10/16/00	DM09M1A5
	ND	50.0	20.1 N	mg/kg	40	9.5	SW846 6010B	10/13-10/16/00	DM09M1A6
			Dilution Factor: 1						
			Analysis Time..: 22:30		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0287103						
Barium									
	140	200	312	mg/kg	86		SW846 6010B	10/13-10/16/00	DM09M1A7
	140	200	371	mg/kg	115	17	SW846 6010B	10/13-10/16/00	DM09M1A8
			Dilution Factor: 1						
			Analysis Time..: 22:30		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0287103						
Cadmium									
	0.64	5.00	5.61	mg/kg	100		SW846 6010B	10/13-10/16/00	DM09M1A9
	0.64	5.00	5.70	mg/kg	101	1.5	SW846 6010B	10/13-10/16/00	DM09M1CA
			Dilution Factor: 1						
			Analysis Time..: 22:30		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0287103						
Chromium									
	34.0	20.0	57.8	mg/kg	119		SW846 6010B	10/13-10/16/00	DM09M1CC
	34.0	20.0	60.5 N	mg/kg	133	4.6	SW846 6010B	10/13-10/16/00	DM09M1CD
			Dilution Factor: 1						
			Analysis Time..: 22:30		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0287103						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J110284 Matrix.....: SOLID
Date Sampled...: 10/11/00 08:15 Date Received..: 10/11/00 16:45

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.92	5.00	5.76	mg/kg	97		SW846 6010B	10/13-10/16/00	DM09M1CE
	0.92	5.00	5.85	mg/kg	99	1.6	SW846 6010B	10/13-10/16/00	DM09M1CF
				Dilution Factor: 1					
				Analysis Time..: 22:30	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Lead									
	6.9	50.0	51.5	mg/kg	89		SW846 6010B	10/13-10/16/00	DM09M1CG
	6.9	50.0	51.9	mg/kg	90	0.74	SW846 6010B	10/13-10/16/00	DM09M1CH
				Dilution Factor: 1					
				Analysis Time..: 22:30	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Selenium									
	ND	200	168	mg/kg	84		SW846 6010B	10/13-10/16/00	DM09M1CJ
	ND	200	170	mg/kg	85	1.4	SW846 6010B	10/13-10/16/00	DM09M1CK
				Dilution Factor: 1					
				Analysis Time..: 22:30	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Silver									
	ND	5.00	4.50	mg/kg	90		SW846 6010B	10/13-10/16/00	DM09M1CL
	ND	5.00	4.57	mg/kg	91	1.5	SW846 6010B	10/13-10/16/00	DM09M1CM
				Dilution Factor: 1					
				Analysis Time..: 22:30	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Cobalt									
	13.3	50.0	61.8	mg/kg	97		SW846 6010B	10/13-10/16/00	DM09M1CN
	13.3	50.0	59.6	mg/kg	93	3.6	SW846 6010B	10/13-10/16/00	DM09M1CP
				Dilution Factor: 1					
				Analysis Time..: 22:30	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Copper									
	19.1	25.0	45.2	mg/kg	104		SW846 6010B	10/13-10/16/00	DM09M1CQ
	19.1	25.0	47.1	mg/kg	112	4.2	SW846 6010B	10/13-10/16/00	DM09M1CR
				Dilution Factor: 1					
				Analysis Time..: 22:30	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Molybdenum									
	0.97	100	85.9	mg/kg	85		SW846 6010B	10/13-10/16/00	DM09M1CT
	0.97	100	85.8	mg/kg	85	0.18	SW846 6010B	10/13-10/16/00	DM09M1CU
				Dilution Factor: 1					
				Analysis Time..: 22:30	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 0287103					

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J110284 Matrix.....: SOLID
Date Sampled...: 10/11/00 08:15 Date Received..: 10/11/00 16:45

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	20.8	50.0	69.0	mg/kg	96		SW846 6010B	10/13-10/16/00	DM09M1CV
	20.8	50.0	68.1	mg/kg	94	1.4	SW846 6010B	10/13-10/16/00	DM09M1CW
				Dilution Factor: 1					
				Analysis Time..: 22:30		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Thallium									
	1.6	200	182	mg/kg	90		SW846 6010B	10/13-10/16/00	DM09M1CX
	1.6	200	183	mg/kg	91	0.84	SW846 6010B	10/13-10/16/00	DM09M1C0
				Dilution Factor: 1					
				Analysis Time..: 22:30		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Vanadium									
	63.3	50.0	119	mg/kg	112		SW846 6010B	10/13-10/16/00	DM09M1C1
	63.3	50.0	124 N	mg/kg	121	3.7	SW846 6010B	10/13-10/16/00	DM09M1C2
				Dilution Factor: 1					
				Analysis Time..: 22:30		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0287103					
Zinc									
	62.1	50.0	117	mg/kg	109		SW846 6010B	10/13-10/16/00	DM09M1C3
	62.1	50.0	122	mg/kg	120	4.5	SW846 6010B	10/13-10/16/00	DM09M1C4
				Dilution Factor: 1					
				Analysis Time..: 22:30		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0287103					

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E0J110284	Work Order #...:	DM09M1C5-MS DM09M1C6-MSD	Matrix.....:	SOLID
MS Lot-Sample #:	E0J110284-001				
Date Sampled...:	10/11/00 08:15	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	05:34		
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	5.58	mg/kg	112		SW846 8015B
		5.00	5.74	mg/kg	115	2.8	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	127	(60 - 130)
	129	(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 #...:	E0J110284	Work Order #...:	DM09Q1AE-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J110284-003		DM09Q1AF-MSD		
Date Sampled...:	10/11/00 08:35	Date Received..:	10/11/00 16:45	MS Run #.....:	0299211
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0299464	Analysis Time..:	15:56		
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	38.4	ug/kg	77		SW846 8260B
	ND	50.0	44.0	ug/kg	88	14	SW846 8260B
Chlorobenzene	ND	50.0	40.4	ug/kg	81		SW846 8260B
	ND	50.0	45.6	ug/kg	91	12	SW846 8260B
1,1-Dichloroethene	ND	50.0	36.1	ug/kg	72		SW846 8260B
	ND	50.0	42.8	ug/kg	86	17	SW846 8260B
Toluene	ND	50.0	38.5	ug/kg	77		SW846 8260B
	ND	50.0	43.1	ug/kg	86	11	SW846 8260B
Trichloroethene	ND	50.0	42.5	ug/kg	85		SW846 8260B
	ND	50.0	49.5	ug/kg	99	15	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
	91	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
	89	(60 - 140)
Toluene-d8	94	(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 #...:	E0J110284	Work Order #...:	DM1AP1AC-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J110284-020		DM1AP1AD-MSD		
Date Sampled...:	10/11/00 13:40	Date Received..:	10/11/00 16:45	MS Run #.....:	0298346
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0298635	Analysis Time..:	18:28		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	004648
Instrument ID..:	MSG				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	ND	50.0	45.4	ug/kg	91		SW846 8260B
	ND	50.0	51.0	ug/kg	102	12	SW846 8260B
Chlorobenzene	ND	50.0	39.9	ug/kg	80		SW846 8260B
	ND	50.0	44.7	ug/kg	89	11	SW846 8260B
1,1-Dichloroethene	ND	50.0	48.2	ug/kg	96		SW846 8260B
	ND	50.0	59.6	ug/kg	119	21	SW846 8260B
Toluene	ND	50.0	39.7	ug/kg	79		SW846 8260B
	ND	50.0	45.8	ug/kg	92	14	SW846 8260B
Trichloroethene	ND	50.0	40.7	ug/kg	81		SW846 8260B
	ND	50.0	50.0	ug/kg	100	21	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
	107	(70 - 130)
1,2-Dichloroethane-d4	116	(60 - 140)
	113	(60 - 140)
Toluene-d8	103	(70 - 130)
	100	(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 #...:	E0J110284	Work Order #...:	DM1A81AC-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J110284-028		DM1A81AD-MSD		
Date Sampled...:	10/11/00 15:40	Date Received..:	10/11/00 16:45	MS Run #.....:	0301228
Prep Date.....:	10/24/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0301464	Analysis Time..:	18:30		
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	49.4	ug/kg	99		SW846 8260B
	ND	50.0	49.7	ug/kg	99	0.62	SW846 8260B
Chlorobenzene	ND	50.0	48.6	ug/kg	97		SW846 8260B
	ND	50.0	47.4	ug/kg	95	2.5	SW846 8260B
1,1-Dichloroethene	ND	50.0	47.7	ug/kg	95		SW846 8260B
	ND	50.0	47.8	ug/kg	96	0.06	SW846 8260B
Toluene	ND	50.0	49.3	ug/kg	99		SW846 8260B
	ND	50.0	48.8	ug/kg	98	0.97	SW846 8260B
Trichloroethene	ND	50.0	49.2	ug/kg	98		SW846 8260B
	ND	50.0	48.9	ug/kg	98	0.55	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(70 - 130)
	96	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
	92	(60 - 140)
Toluene-d8	105	(70 - 130)
	105	(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 #...:	E0J110284	Work Order #...:	DM1DQ1A2-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J110292-002		DM1DQ1A3-MSD		
Date Sampled...:	10/11/00 08:35	Date Received..:	10/11/00 17:00	MS Run #.....:	0286254
Prep Date.....:	10/12/00	Analysis Date..:	10/25/00		
Prep Batch #...:	0286487	Analysis Time..:	07:13		
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	259	mg/kg	103		SW846 8015B
		250	235	mg/kg	94	9.4	SW846 8015B
Diesel Range Organics (C10-C25)		250	259	mg/kg	103		SW846 8015B
		250	235	mg/kg	94	9.4	SW846 8015B

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

Client Lot #...:	E0J110284	Work Order #...:	DLQ16104-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J060359-002		DLQ16105-MSD		
Date Sampled...:	10/06/00 08:45	Date Received..:	10/06/00 17:45	MS Run #.....:	0286253
Prep Date.....:	10/12/00	Analysis Date..:	10/19/00		
Prep Batch #...:	0286486	Analysis Time..:	02:27		
Dilution Factor:	1	% Moisture.....:	100	Analyst ID.....:	356074
Instrument ID..:	G01				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	113	(60 - 130)			SW846 8015B
	130	(60 - 130)	14	(0-35)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	103	(60 - 130)
	113	(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 Semivolatiles

Client Lot #...:	E0J110284	Work Order #...:	DLW0K11D-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J100249-001		DLW0K11E-MSD		
Date Sampled...:	10/09/00 08:45	Date Received..:	10/10/00 10:00	MS Run #.....:	0285290
Prep Date.....:	10/11/00	Analysis Date..:	10/13/00		
Prep Batch #...:	0285588	Analysis Time..:	11:53		
Dilution Factor:	1	% Moisture.....:	100	Analyst ID.....:	018568
Instrument ID..:	G9A				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	83	(65 - 130)			SW846 8082
	89	(65 - 130)	7.4	(0-30)	SW846 8082
Aroclor 1260	123	(70 - 130)			SW846 8082
	144 a	(70 - 130)	15	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(60 - 140)
	109	(60 - 140)
Tetrachloro-m-xylene	104	(60 - 140)
	119	(60 - 140)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

HIGH SULFUR CONTENT; MATRIX INTERFERENCE WITH AR1260.

HIGH SULFUR CONTENT.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J110284 Matrix.....: SOLID
Date Sampled...: 10/02/00 15:20 Date Received..: 10/10/00 17:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J100266-001 **Prep Batch #...:** 0287273							
Mercury	97	(80 - 120)			SW846 7471A	10/14-10/17/00	DLW4A109
	103	(80 - 120)	5.6	(0-20)	SW846 7471A	10/14-10/17/00	DLW4A11A

Dilution Factor: 1
Analysis Time..: 16:43 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 0287113

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J110284 **Matrix.....:** SOLID
Date Sampled...: 10/11/00 08:15 **Date Received..:** 10/11/00 16:45

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J110284-001 **Prep Batch #...:** 0287268							
Aluminum	NC	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1A1
	NC	(80 - 120)		(0-25)	SW846 6010B	10/13-10/16/00	DM09M1A2
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Arsenic	82	(75 - 115)			SW846 6010B	10/13-10/16/00	DM09M1A3
	83	(75 - 115)	1.3	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1A4
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Antimony	44 N	(75 - 115)			SW846 6010B	10/13-10/16/00	DM09M1A5
	40 N	(75 - 115)	9.5	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1A6
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Barium	86	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1A7
	115	(80 - 120)	17	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1A8
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Cadmium	100	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1A9
	101	(80 - 120)	1.5	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CA
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Chromium	119	(85 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CC
	133 N	(85 - 120)	4.6	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CD
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Beryllium	97	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CE
	99	(80 - 120)	1.6	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CF
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J110284 Matrix.....: SOLID
Date Sampled...: 10/11/00 08:15 Date Received..: 10/11/00 16:45

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	89	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CG
	90	(80 - 120)	0.74	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CH
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Selenium	84	(70 - 115)			SW846 6010B	10/13-10/16/00	DM09M1CJ
	85	(70 - 115)	1.4	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CK
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Silver	90	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CL
	91	(80 - 120)	1.5	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CM
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Cobalt	97	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CN
	93	(80 - 120)	3.6	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CP
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Copper	104	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CQ
	112	(80 - 120)	4.2	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CR
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Molybdenum	85	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CT
	85	(80 - 120)	0.18	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CU
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Nickel	96	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CV
	94	(80 - 120)	1.4	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1CW
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					
Thallium	90	(75 - 120)			SW846 6010B	10/13-10/16/00	DM09M1CX
	91	(75 - 120)	0.84	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1C0
		Dilution Factor: 1					
		Analysis Time..: 22:30			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0287103					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J110284 Matrix.....: SOLID
Date Sampled...: 10/11/00 08:15 Date Received..: 10/11/00 16:45

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	112	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1C1
	121 N	(80 - 120)	3.7	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1C2

Dilution Factor: 1
Analysis Time..: 22:30 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0287103

Zinc	109	(80 - 120)			SW846 6010B	10/13-10/16/00	DM09M1C3
	120	(80 - 120)	4.5	(0-25)	SW846 6010B	10/13-10/16/00	DM09M1C4

Dilution Factor: 1
Analysis Time..: 22:30 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0287103

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E0J110284	Work Order #...:	DM09M1C5-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J110284-001		DM09M1C6-MSD		
Date Sampled...:	10/11/00 08:15	Date Received..:	10/11/00 16:45	MS Run #.....:	0297118
Prep Date.....:	10/17/00	Analysis Date..:	10/18/00		
Prep Batch #...:	0297271	Analysis Time..:	05:34		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	001464
Instrument ID..:	G15				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	112	(80 - 140)			SW846 8015B
	115	(80 - 140)	2.8	(0-40)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	127	(60 - 130)
	129	(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 #...: E0J110284 Work Order #...: DM09Q1AE-MS Matrix.....: SOLID
MS Lot-Sample #: E0J110284-003 DM09Q1AF-MSD
Date Sampled...: 10/11/00 08:35 Date Received..: 10/11/00 16:45 MS Run #.....: 0299211
Prep Date.....: 10/22/00 Analysis Date..: 10/22/00
Prep Batch #...: 0299464 Analysis Time..: 15:56
Dilution Factor: 1 % Moisture.....: Analyst ID.....: 004648
Instrument ID..: MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	77	(70 - 140)			SW846 8260B
	88	(70 - 140)	14	(0-30)	SW846 8260B
Chlorobenzene	81	(70 - 130)			SW846 8260B
	91	(70 - 130)	12	(0-30)	SW846 8260B
1,1-Dichloroethene	72	(60 - 150)			SW846 8260B
	86	(60 - 150)	17	(0-30)	SW846 8260B
Toluene	77	(70 - 130)			SW846 8260B
	86	(70 - 130)	11	(0-30)	SW846 8260B
Trichloroethene	85	(70 - 130)			SW846 8260B
	99	(70 - 130)	15	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
	91	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
	89	(60 - 140)
Toluene-d8	94	(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 #...:	E0J110284	Work Order #...:	DM1AP1AC-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J110284-020		DM1AP1AD-MSD		
Date Sampled...:	10/11/00 13:40	Date Received..:	10/11/00 16:45	MS Run #.....:	0298346
Prep Date.....:	10/22/00	Analysis Date..:	10/22/00		
Prep Batch #...:	0298635	Analysis Time..:	18:28		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	004648
Instrument ID..:	MSG				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	91	(70 - 140)			SW846 8260B
	102	(70 - 140)	12	(0-30)	SW846 8260B
Chlorobenzene	80	(70 - 130)			SW846 8260B
	89	(70 - 130)	11	(0-30)	SW846 8260B
1,1-Dichloroethene	96	(60 - 150)			SW846 8260B
	119	(60 - 150)	21	(0-30)	SW846 8260B
Toluene	79	(70 - 130)			SW846 8260B
	92	(70 - 130)	14	(0-30)	SW846 8260B
Trichloroethene	81	(70 - 130)			SW846 8260B
	100	(70 - 130)	21	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
	107	(70 - 130)
1,2-Dichloroethane-d4	116	(60 - 140)
	113	(60 - 140)
Toluene-d8	103	(70 - 130)
	100	(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 #...:	E0J110284	Work Order #...:	DM1A81AC-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J110284-028		DM1A81AD-MSD		
Date Sampled...:	10/11/00 15:40	Date Received..:	10/11/00 16:45	MS Run #.....:	0301228
Prep Date.....:	10/24/00	Analysis Date..:	10/24/00		
Prep Batch #...:	0301464	Analysis Time..:	18:30		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	004648
Instrument ID..:	MSD				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	99	(70 - 140)			SW846 8260B
	99	(70 - 140)	0.62	(0-30)	SW846 8260B
Chlorobenzene	97	(70 - 130)			SW846 8260B
	95	(70 - 130)	2.5	(0-30)	SW846 8260B
1,1-Dichloroethene	95	(60 - 150)			SW846 8260B
	96	(60 - 150)	0.06	(0-30)	SW846 8260B
Toluene	99	(70 - 130)			SW846 8260B
	98	(70 - 130)	0.97	(0-30)	SW846 8260B
Trichloroethene	98	(70 - 130)			SW846 8260B
	98	(70 - 130)	0.55	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(70 - 130)
	96	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
	92	(60 - 140)
Toluene-d8	105	(70 - 130)
	105	(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 #...: E0J110284 Work Order #...: DM1DQ1A2-MS Matrix.....: SOLID
MS Lot-Sample #: E0J110292-002 DM1DQ1A3-MSD
Date Sampled...: 10/11/00 08:35 Date Received..: 10/11/00 17:00 MS Run #.....: 0286254
Prep Date.....: 10/12/00 Analysis Date..: 10/25/00
Prep Batch #...: 0286487 Analysis Time..: 07:13
Dilution Factor: 1 % Moisture.....: 100 Analyst ID.....: 356074
Instrument ID..: G03

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	103	(60 - 130)			SW846 8015B
	94	(60 - 130)	9.4	(0-35)	SW846 8015B
Diesel Range Organics (C10-C25)	103	(60 - 130)			SW846 8015B
	94	(60 - 130)	9.4	(0-35)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	95	(60 - 130)
	103	(60 - 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 # EJ110284

Analysis: 8260B

000237

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 10-13-2000

INSTRUMENT ID: MC

SAMPLES: EOJ 110284

Batch ID: _____

GC/MS VOA Run Log

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

Inst ID: MSC	EM Set: 1647	Tune File: BFB U	Seq File: 10/13/BC
Init. Cal ID: 826BLL			Date: 10/13/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
16:44	AD	CT1204	50ng BFB			1µ			✓			MSV0021198-1
17:00		CS2044	.5 ppb 826013	1	L	5ml	1.U	165	✓			S1254-1; S1254-2; SD1254-2
17:30		CS2045	1 ppb 826013	2				163	✓			
18:00		CS2046	5 ppb 826013	3				161	✓			
18:30		CS2047	10 ppb 826013	4				161	✓			
19:00		CS2048	50 ppb 826013	5				157	✓			
19:30		CS2049	100 ppb 826013	6				132	✓			
20:00		C097 80	MB-101313C	7				52	✓			
20:31		81	LCS-1013BC	1				166	✓			SECOND SOURCE QC1253-1
21:00		82	MB-101313C	7				166	✓			
21:40		83	DLP6C101	7				169	✓		2	EO1060287-2
22:10		84	DLMGYE101	8				151	✓			EO1130239-1
22:40		85	DLTAM101	9				157	✓			EO1090226-1
23:10		86	DLTDP101	10				149	✓			-21
23:40		87	DLTDK101	11				141	✓			EO1090227-2
0:10		88	DM1A91AA	12				157	✓			EO1160284-29
0:40		89	DM1CC1AA	13				135	✓			-30
1:10		90	DM1DN1AA	14				157	✓			EO1110292-1
1:40		91	DM1EK1AA	15				142	✓			-13
2:10		92	DLP6C102MS	16				158	✓			EO1060287-2M
2:40		93	DLP6C103MSD	1				158	✓			-2MS
3:10		94	DLTDP102MS	2				159	✓			EO1090226-21M
3:40		C097 95	DLTDP103MSD	3				90	✓	✓		21MS
				4								

10-16-00

000239

BOE-C6-0166051

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 13-OCT-2000 17:00
End Cal Date : 13-OCT-2000 19:30
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Cal Date : 13-Oct-2000 21:20 DONGA
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Level 2: \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Level 3: \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Level 4: \\SANP2010\D\chem\mc.i\1013BC.B\CS2048.D
Level 5: \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Level 6: \\SANP2010\D\chem\mc.i\1013BC.B\CS2044.D

AM 10/12/2000
10-16-00

	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	
	1 Dichlorodifluoromethane	0.49651	0.48912	0.47578	0.45591	0.47329	+++++	0.47812	3.276	
	2 Chloromethane (**)	0.18600	0.17411	0.18335	0.16076	0.18682	+++++	0.17821	6.163	
	3 Vinyl chloride (*)	+++++	0.22088	0.21270	0.21093	0.22309	0.19687	0.21289	4.861	
	4 Bromomethane	0.22311	0.20660	0.21315	0.24098	0.24160	+++++	0.22509	7.071	
	5 Chloroethane	0.14179	0.14651	0.14745	0.12882	0.12350	+++++	0.13761	7.876	
	6 Trichlorofluoromethane	0.80921	0.81289	0.79698	0.76808	0.78705	+++++	0.79484	2.280	
	7 Acrolein	0.01686	0.01748	0.01710	0.01680	0.01861	+++++	0.01737	4.279	
	8 1,1-Dichloroethene(*)	0.29792	0.28106	0.28711	0.27355	0.29140	+++++	0.28621	3.277	
	9 1,1,2-Trichlorotrifluoroethan	0.49456	0.49171	0.47858	0.45078	0.46830	+++++	0.47679	3.767	
	10 Iodomethane	0.40952	0.55430	0.59744	0.55758	0.44005	+++++	0.51178	16.008	
	11 Acetone	0.03105	0.02318	0.02146	0.01628	0.01273	+++++	0.02094	33.489	<-
	12 Carbon disulfide	0.49939	0.55069	0.57489	0.62189	0.58818	+++++	0.56701	8.063	
	13 Methylene chloride	0.23369	0.23501	0.23667	0.22469	0.20870	+++++	0.22775	5.100	
	14 Acrylonitrile	0.00219	0.00345	0.00313	0.00311	0.00260	+++++	0.00290	17.167	<-
	15 t-Butanol	0.00609	0.00567	0.00526	0.00528	0.00382	+++++	0.00522	16.396	<-
	16 Vinyl acetate	0.29434	0.31153	0.30140	0.31021	0.28663	+++++	0.30083	3.512	
	17 trans-1,2-Dichloroethene	0.32296	0.33322	0.32759	0.31772	0.33545	+++++	0.32739	2.225	
	18 Methyl-tert-butyl ether[MTBE]	0.31209	0.30527	0.30191	0.28780	0.22510	+++++	0.28643	12.363	
	19 1,1-Dichloroethane (**)	0.51383	0.53312	0.52212	0.52051	0.53548	+++++	0.52501	1.728	
	20 Isopropyl ether	0.72858	0.71568	0.70437	0.68798	0.66076	+++++	0.69947	3.759	
	21 Tert-butyl ethyl ether	0.56493	0.57977	0.57953	0.56445	0.51679	+++++	0.56109	4.611	
M	22 1,2-Dichloroethene (total)	0.29368	0.32798	0.32779	0.31644	0.32045	+++++	0.31727	4.438	
	23 2,2-Dichloropropane	0.16802	0.24897	0.28426	0.43256	0.45558	+++++	0.31788	38.673	<-
	24 cis-1,2-Dichloroethene	0.26439	0.32274	0.32799	0.31517	0.30545	+++++	0.30715	8.257	
	25 2-Butanone	0.03018	0.02554	0.02285	0.02198	0.01773	+++++	0.02365	19.452	

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 13-OCT-2000 17:00
End Cal Date : 13-OCT-2000 19:30
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Cal Date : 13-Oct-2000 21:20 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	RRF	% RSD	
26 Bromochloromethane	0.16248	0.16239	0.15663	0.14748	0.11376	+++++	0.14855	13.724	
27 Tetrahydrofuran	0.00568	0.01326	0.01510	0.01421	0.01114	+++++	0.01188	31.711	<-
28 Chloroform (*)	0.80274	0.79476	0.77308	0.74870	0.69296	+++++	0.76245	5.791	
30 1,1,1-Trichloroethane	0.70831	0.74660	0.75846	0.75013	0.74202	+++++	0.74110	2.604	
31 Carbon Tetrachloride	+++++	0.71493	0.74104	0.73773	0.72805	0.55470	0.69529	11.398	
32 1,1-Dichloropropene	0.58222	0.58268	0.57319	0.55465	0.56024	+++++	0.57059	2.233	
34 1,2-Dichloroethane-d4 2nd	0.04398	0.04856	0.04657	0.04536	0.03568	+++++	0.04403	11.271	
35 Benzene	0.80780	0.82182	0.81915	0.77812	0.74533	+++++	0.79444	4.087	
36 1,2-Dichloroethane	+++++	0.35244	0.33705	0.31499	0.25543	0.34468	0.32092	12.211	
37 Tert-amyl methyl ether	0.42944	0.42620	0.40970	0.41156	0.33946	+++++	0.40327	9.105	
39 Trichloroethene	0.52815	0.51592	0.50277	0.48801	0.48149	+++++	0.50327	3.831	
40 1,2-Dichloropropane(*)	0.28774	0.28430	0.28608	0.27461	0.24423	+++++	0.27539	6.591	
41 Dibromomethane	0.19885	0.20865	0.20724	0.18947	0.13662	+++++	0.18816	15.847	
42 Bromodichloromethane	0.49216	0.57162	0.58614	0.59751	0.49967	+++++	0.54942	9.058	
43 2-Chloroethylvinyl ether	+++++	0.00423	0.00503	0.00653	0.00362	+++++	0.00485	25.961	<-
44 1-Bromo-2-chloroethane	0.24861	0.26164	0.27206	0.28149	0.21454	+++++	0.25567	10.186	
45 cis-1,3-Dichloropropene	+++++	0.31885	0.33707	0.36203	0.30824	0.22437	0.31011	16.797	
46 4-Methyl-2-pentanone	0.06595	0.07222	0.07387	0.07007	0.05636	+++++	0.06770	10.333	
48 Toluene (*)	1.38482	1.42173	1.41791	1.35924	1.38923	+++++	1.39458	1.847	
49 trans-1,3-Dichloropropene	+++++	0.27269	0.28882	0.33405	0.29669	0.18257	0.27496	20.491	
50 1,1,2-Trichloroethane	0.24555	0.24456	0.24778	0.23277	0.19897	+++++	0.23393	8.718	
51 Tetrachloroethene	0.74859	0.75306	0.73460	0.68926	0.71727	+++++	0.72855	3.573	
52 1,3-Dichloropropane	0.39028	0.39103	0.39896	0.37596	0.32363	+++++	0.37597	8.089	
53 2-Hexanone	0.08632	0.06126	0.06524	0.06513	0.05362	+++++	0.06631	18.303	
54 Dibromochloromethane	0.40195	0.48973	0.53259	0.55850	0.49047	+++++	0.49465	12.024	
55 1,2-Dibromoethane	0.30346	0.32936	0.33945	0.33065	0.28140	+++++	0.31686	7.557	
57 Chlorobenzene (**)	1.08512	1.10768	1.08767	1.05573	1.02377	+++++	1.07199	3.052	
58 1,1,1,2-Tetrachloroethane	0.49575	0.55588	0.56949	0.55382	0.51429	+++++	0.53784	5.812	
59 Ethylbenzene (*)	0.53678	0.53057	0.53365	0.50952	0.53624	+++++	0.52935	2.145	
60 m,p-Xylenes	0.65367	0.66826	0.66882	0.63135	0.63643	+++++	0.65171	2.678	
M 61 Xylenes (total)	0.63945	0.65324	0.64800	0.61571	0.61753	+++++	0.63479	2.727	
62 o-Xylene	0.61100	0.62321	0.60638	0.58443	0.57971	+++++	0.60095	3.057	
63 Styrene	0.85728	0.91567	0.91995	0.87813	0.82064	+++++	0.87833	4.728	

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 13-OCT-2000 17:00
End Cal Date : 13-OCT-2000 19:30
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Cal Date : 13-Oct-2000 21:20 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	RRF	% RSD	
64 Bromoform (**)	0.19290	0.26492	0.29249	0.32388	0.28250	+++++	0.27134	17.985	
65 Isopropylbenzene	2.05959	2.14926	2.13729	2.00208	2.13483	+++++	2.09661	3.035	
67 4-Bromofluorobenzene-2nd	0.67813	0.66370	0.65612	0.55201	0.51027	+++++	0.61205	12.373	
68 Bromobenzene	0.94529	0.92107	0.95433	0.97692	0.99264	+++++	0.95805	2.904	
69 1,1,2,2-Tetrachloroethane(**)	0.46735	0.44798	0.46776	0.47733	0.43752	+++++	0.45959	3.548	
70 1,2,3-Trichloropropane	0.11090	0.12127	0.12831	0.12960	0.11728	+++++	0.12147	6.407	
71 n-Propylbenzene	3.57614	3.92424	3.97675	4.14361	4.69307	+++++	4.06276	10.053	
72 2-Chlorotoluene	0.81673	0.79867	0.79228	0.79732	0.85978	+++++	0.81296	3.415	
73 4-Chlorotoluene	0.73369	0.79770	0.79761	0.79448	0.83163	+++++	0.79102	4.486	
74 1,3,5-Trimethylbenzene	2.80071	2.77688	2.74623	2.77804	3.08201	+++++	2.83677	4.881	
75 tert-Butylbenzene	2.97631	3.01819	3.05441	3.08194	3.47642	+++++	3.12145	6.483	
76 1,2,4-Trimethylbenzene	2.70331	2.73289	2.74400	2.72471	2.99103	+++++	2.77919	4.295	
77 sec-Butylbenzene	4.00106	4.02006	4.01515	4.05092	4.72902	+++++	4.16324	7.609	
78 1,3-Dichlorobenzene	1.68534	1.71342	1.67732	1.70132	1.75687	+++++	1.70685	1.832	
80 p-Isopropyltoluene	3.45055	3.43751	3.38603	3.33973	3.71814	+++++	3.46639	4.254	
81 1,4-Dichlorobenzene	1.86500	1.70800	1.73562	1.67203	1.62949	+++++	1.72203	5.185	
82 1,2-Dichlorobenzene	1.39482	1.40406	1.35719	1.38131	1.35502	+++++	1.37848	1.595	
83 n-Butylbenzene	3.27005	3.32819	3.36417	3.36537	3.82423	+++++	3.43040	6.516	
84 1,2-Dibromo-3-chloropropane	0.04309	0.08498	0.09733	0.11561	0.10661	+++++	0.08952	31.644	<-
85 1,2,4-Trichlorobenzene	1.17749	1.21916	1.28077	1.33682	1.32355	+++++	1.26756	5.374	
86 Hexachlorobutadiene	1.60768	1.69716	1.71683	1.68878	1.90892	+++++	1.72387	6.469	
87 Napthalene	0.69860	0.77422	0.87364	0.89743	0.76811	+++++	0.80240	10.211	
88 1,2,3-Trichlorobenzene	0.97684	0.97289	0.96721	0.98031	0.92103	+++++	0.96366	2.524	
$ 29 Dibromofluoromethane	0.59139	0.56739	0.54919	0.51711	0.44416	+++++	0.53385	10.677	
$ 33 1,2-Dichloroethane-d4	0.28092	0.26466	0.26396	0.24358	0.19544	+++++	0.24971	13.257	
$ 47 Toluene-d8	1.15639	1.09578	1.09375	1.04503	1.03958	+++++	1.08611	4.354	
$ 66 4-Bromofluorobenzene	0.78314	0.78619	0.77187	0.66377	0.60894	+++++	0.72278	11.265	

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL

COMPOUND	%RSD
Dichlorodifluoromethane	3.3
Chloromethane (**)	6.2
Vinyl chloride (*)	4.9
Bromomethane	7.1
Chloroethane	7.9
Trichlorofluoromethane	2.3
1,1-Dichloroethene(*)	3.3
1,1,2-Trichlorotrifluoroethan	3.8
Acetone	33.5
Iodomethane	16.0
Carbon disulfide	8.1
Methylene chloride	5.1
t-Butanol	16.4
trans-1,2-Dichloroethene	2.2
Methyl-tert-butyl ether[MTBE]	12.4
Acrolein	4.3
1,1-Dichloroethane (**)	1.7
Vinyl acetate	3.5
Isopropyl ether	3.8
1,2-Dichloroethene (total)	4.4
Tert-butyl ethyl ether	4.6
cis-1,2-Dichloroethene	8.3
2,2-Dichloropropane	38.7
2-Butanone	19.5
Bromochloromethane	13.7
Tetrahydrofuran	31.7
Chloroform (*)	5.8
Dibromofluoromethane	10.7
1,1,1-Trichloroethane	2.6
1,1-Dichloropropene	2.2
Carbon Tetrachloride	11.4
Acrylonitrile	17.2
1,2-Dichloroethane-d4 2nd	11.3
1,2-Dichloroethane-d4	13.3
Benzene	4.1
1,2-Dichloroethane	12.2
Tert-amyl methyl ether	9.1
Trichloroethene	3.8
1,2-Dichloropropane(*)	6.6

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\

COMPOUND	%RSD
Dibromomethane	15.8
Bromodichloromethane	9.1
1-Bromo-2-chloroethane	10.2
2-Chloroethylvinyl ether	26.0
cis-1,3-Dichloropropene	16.8
4-Methyl-2-pentanone	10.3
Toluene-d8	4.4
Toluene (*)	1.8
trans-1,3-Dichloropropene	20.5
1,1,2-Trichloroethane	8.7
Tetrachloroethene	3.6
1,3-Dichloropropane	8.1
2-Hexanone	18.3
Dibromochloromethane	12.0
1,2-Dibromoethane	7.6
Chlorobenzene (**)	3.1
1,1,1,2-Tetrachloroethane	5.8
Ethylbenzene (*)	2.1
Xylenes (total)	2.7
m,p-Xylenes	2.7
o-Xylene	3.1
Styrene	4.7
Bromoform (**)	18.0
Isopropylbenzene	3.0
4-Bromofluorobenzene	11.3
4-Bromofluorobenzene-2nd	12.4
Bromobenzene	2.9
1,1,2,2-Tetrachloroethane(**)	3.5
1,2,3-Trichloropropane	6.4
n-Propylbenzene	10.1
2-Chlorotoluene	3.4
4-Chlorotoluene	4.5
1,3,5-Trimethylbenzene	4.9
tert-Butylbenzene	6.5
1,2,4-Trimethylbenzene	4.3
sec-Butylbenzene	7.6
1,3-Dichlorobenzene	1.8
p-Isopropyltoluene	4.3
1,4-Dichlorobenzene	5.2

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\

COMPOUND	%RSD
1,2-Dichlorobenzene	1.6
n-Butylbenzene	6.5
1,2-Dibromo-3-chloropropane	31.6
1,2,4-Trichlorobenzene	5.4
Hexachlorobutadiene	6.5
Napthalene	10.2
1,2,3-Trichlorobenzene	2.5

The average of all %RSD's in the initial calibration is 8.8

10/13/2000
10-16-00

000245

STL Los Angeles

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D
Lab Smp Id:
Inj Date : 13-OCT-2000 16:44
Operator : AD
Inst ID: mc.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : 1UL;MSVOA1198-2,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf
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

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 p-Bromofluorobenzene						CAS #: 460-00-4		
2.1451	2.1000	(0.000)	95	81802			0.00- 100.00	100.00
2.1451	2.1000	(0.000)	50	19304			15.00- 40.00	23.60
2.1451	2.1000	(0.000)	75	42832			30.00- 60.00	52.36
2.1451	2.1000	(0.000)	96	6113			5.00- 9.00	7.47
2.1451	2.1000	(0.000)	173	0			0.00- 2.00	0.00
2.1451	2.1000	(0.000)	174	70997			50.00- 0.00	86.79
2.1451	2.1000	(0.000)	175	5608			5.00- 9.00	7.90
2.1451	2.1000	(0.000)	176	69992			95.00- 101.00	98.58
2.1451	2.1000	(0.000)	177	4761			5.00- 9.00	6.80

AM 10/13/2000
10-16-00

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

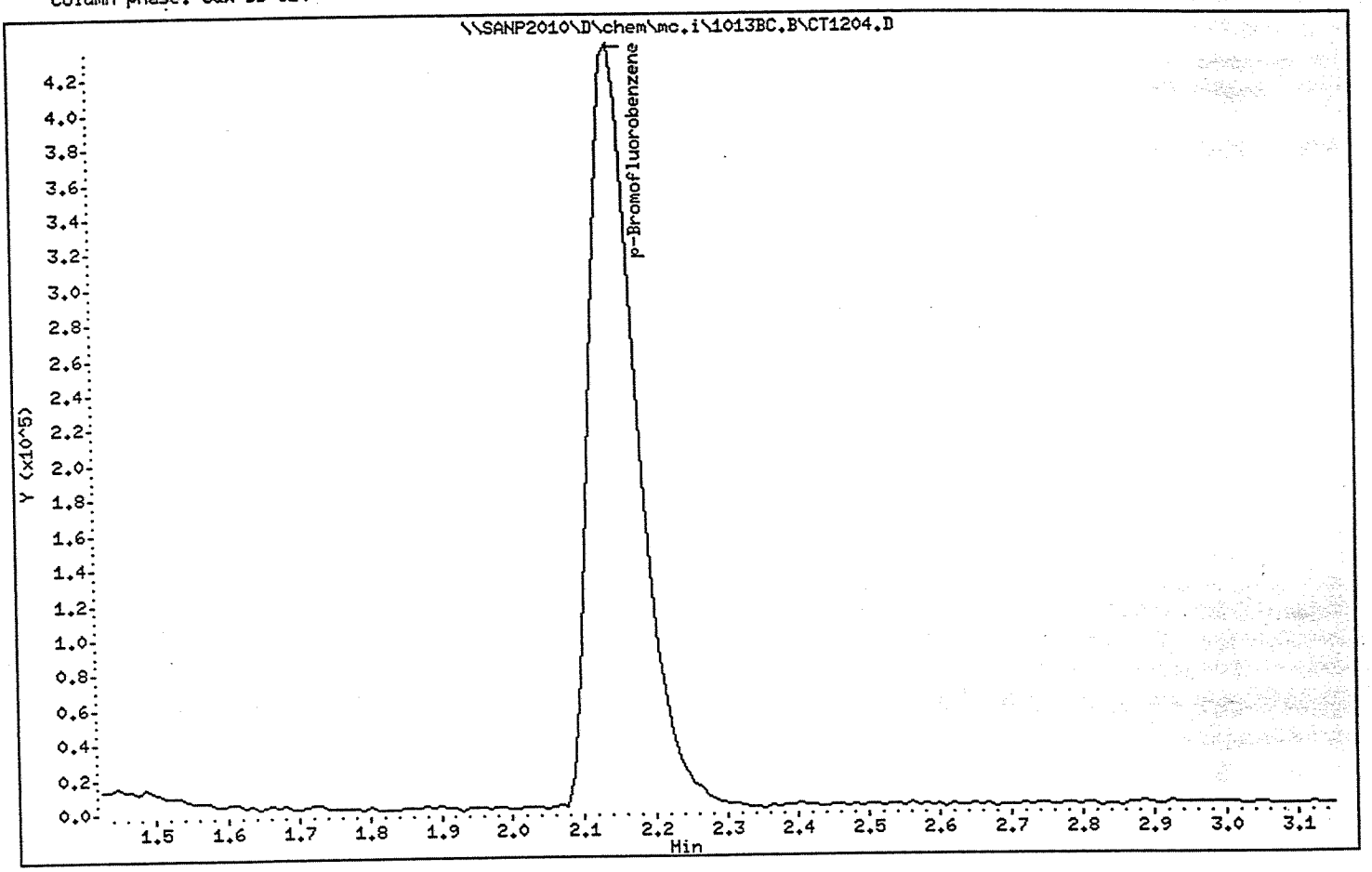
Instrument: mc.i

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

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

Instrument: mc.i

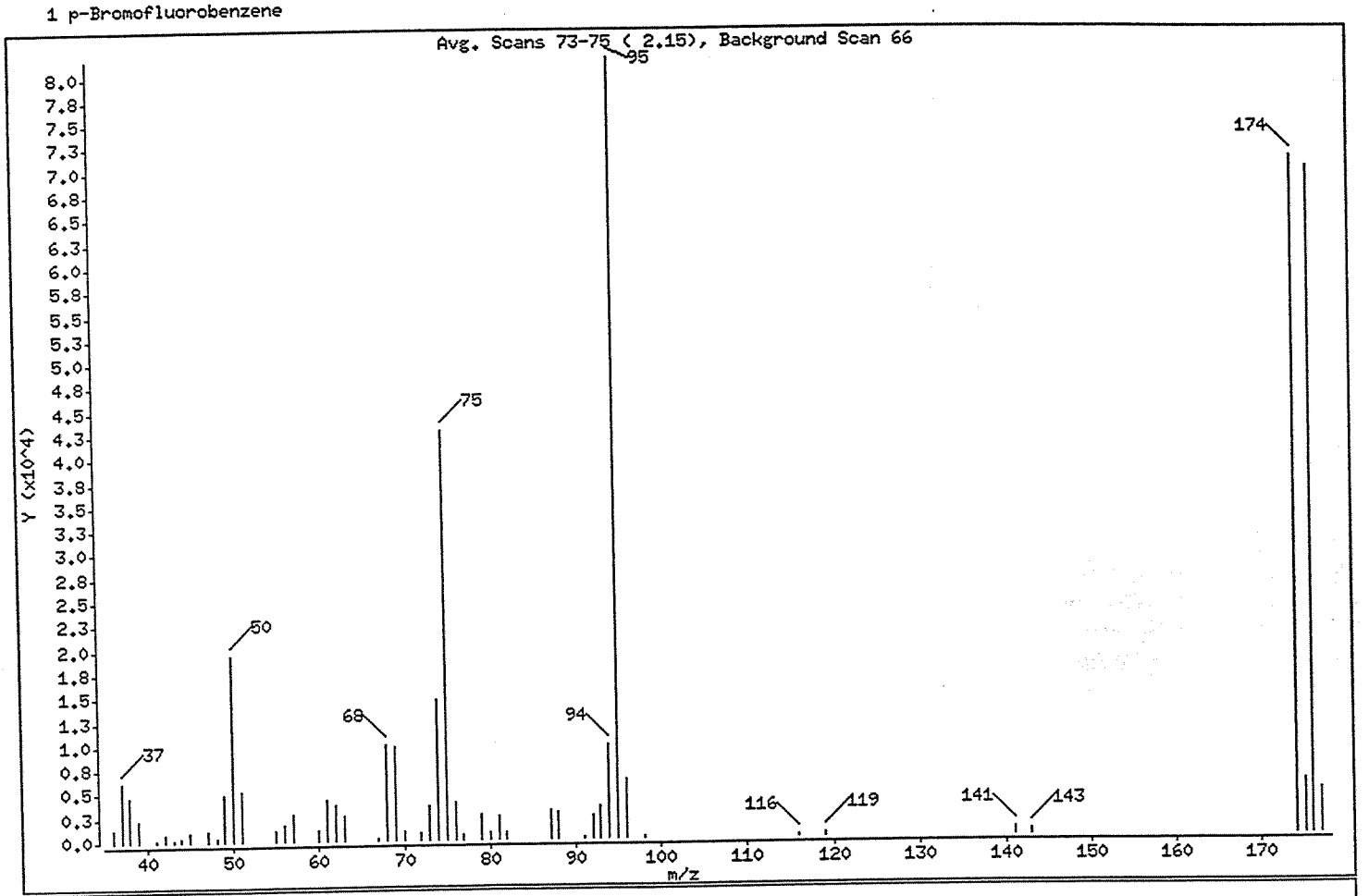
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.60
75	30.00 - 60.00% of mass 95	52.36
96	5.00 - 9.00% of mass 95	7.47
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	86.79
175	5.00 - 9.00% of mass 174	6.86 (7.90)
176	95.00 - 101.00% of mass 174	85.56 (98.58)
177	5.00 - 9.00% of mass 176	5.82 (6.80)

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

Instrument: mc.i

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

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: CT1204.D
Spectrum: Avg. Scans 73-75 (2.15), Background Scan 66
Location of Maximum: 95.00
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1303	55.00	1201	75.00	42832	96.00	6113
37.00	6152	56.00	1614	76.00	3943	98.00	192
38.00	4611	57.00	2913	77.00	618	116.00	204
39.00	2188	60.00	1051	79.00	2659	119.00	375
41.00	190	61.00	4355	80.00	793	141.00	707
42.00	731	62.00	3845	81.00	2466	143.00	598
43.00	173	63.00	2592	82.00	715	174.00	70992
44.00	325	67.00	171	87.00	2946	175.00	5608
45.00	1021	68.00	9886	88.00	2816	176.00	69992
47.00	1175	69.00	9757	91.00	252	177.00	4761
48.00	394	70.00	912	92.00	2403		
49.00	4956	72.00	718	93.00	3349		
50.00	19304	73.00	3613	94.00	9815		
51.00	5314	74.00	14592	95.00	81800		

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2044.D
Lab Smp Id: 0.5PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1659284	2.96
56 Chlorobenzene-d5	1211181	605591	2422362	1212914	0.14
79 1,4-Dichlorobenze	758273	379137	1516546	733740	-3.24

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.05
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.10
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.13	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: mc.i
Lab File ID: CS2045.D
Lab Smp Id: 1PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1638508	1.67
56 Chlorobenzene-d5	1211181	605591	2422362	1235021	1.97
79 1,4-Dichlorobenze	758273	379137	1516546	763117	0.64

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.03	0.12
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.00
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	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: mc.i
Lab File ID: CS2046.D
Lab Smp Id: 5PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1613881	0.15
56 Chlorobenzene-d5	1211181	605591	2422362	1216119	0.41
79 1,4-Dichlorobenze	758273	379137	1516546	775010	2.21

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.07
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	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: mc.i
Lab File ID: CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1611523	0.00
56 Chlorobenzene-d5	1203388	601694	2406776	1203388	0.00
79 1,4-Dichlorobenze	755803	377902	1511606	755803	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.00
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.11	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: mc.i
Lab File ID: CS2048.D
Lab Smp Id: 50PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 20:31

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1662289	831145	3324578	1579493	-4.98
56 Chlorobenzene-d5	1178377	589189	2356754	1124179	-4.60
79 1,4-Dichlorobenze	708111	354056	1416222	650788	-8.10

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.02
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.08
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	-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

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2049.D
Lab Smp Id: 100PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 20:31

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1662289	831145	3324578	1325546	-20.26
56 Chlorobenzene-d5	1178377	589189	2356754	894739	-24.07
79 1,4-Dichlorobenze	708111	354056	1416222	466527	-34.12

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.05	0.34
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.06
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	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 : \\SANP2010\D\chem\mc.i\1013BC.B\CS2044.D
Lab Smp Id: 0.5PPB 8260BSTD
Inj Date : 13-OCT-2000 17:00
Operator : AD Inst ID: mc.i
Smp Info : 0.5PPB 8260BSTD,,,6,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00 Cal File: CS2044.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: SANP2010

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	1.853	1.860	(0.231)	37348	0.50000	0.471(a)
2 Chloromethane (**)	50	2.031	2.086	(0.253)	1574	0.50000	0.104(a)
3 Vinyl chloride (*)	62	2.149	2.155	(0.268)	16333	0.50000	0.462(a)
4 Bromomethane	94	2.504	2.481	(0.312)	18557	0.50000	0.497(a)
5 Chloroethane	64	2.612	2.589	(0.326)	8182	0.50000	0.358(a)
6 Trichlorofluoromethane	101	2.888	2.904	(0.360)	61817	0.50000	0.469(a)
7 Acrolein	56	5.017	5.043	(0.625)	10832	0.50000	3.76(a)
8 1,1-Dichloroethene(*)	96	3.509	3.515	(0.437)	21730	0.50000	0.468(a)
9 1,1,2-Trichlorotrifluoroethan	151	3.499	3.545	(0.436)	35814	0.50000	0.453(a)
10 Iodomethane	142	3.687	3.703	(0.459)	51593	0.50000	0.608(a)
11 Acetone	43	3.568	3.575	(0.445)	16311	0.50000	4.69(a)
12 Carbon disulfide	76	3.785	3.801	(0.472)	35100	0.50000	0.293(a)
13 Methylene chloride	84	4.150	4.176	(0.517)	6421	0.50000	0.170(a)
16 Vinyl acetate	43	5.352	5.368	(0.667)	47580	0.50000	1.04(a)
17 trans-1,2-Dichloroethene	96	4.564	4.590	(0.569)	18337	0.50000	0.338(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	18 Methyl-tert-butyl ether[MTBE]	73	4.593	4.619	(0.573)	17645	0.50000	0.371(a)
	19 1,1-Dichloroethane (**)	63	5.165	5.220	(0.644)	37493	0.50000	0.430(a)
	20 Isopropyl ether	45	5.342	5.398	(0.666)	31089	0.50000	0.268(a)
	21 Tert-butyl ethyl ether	59	5.963	5.970	(0.743)	24505	0.50000	0.263(a)
M	22 1,2-Dichloroethene (total)	100				42529	0.50000	0.812(a)
	24 cis-1,2-Dichloroethene	96	6.091	6.147	(0.759)	24192	0.50000	0.475(a)
	25 2-Butanone	43	6.170	6.167	(0.769)	7580	0.50000	1.92(a)
	26 Bromochloromethane	128	6.466	6.511	(0.806)	4941	0.50000	0.200(a)
	28 Chloroform (*)	83	6.643	6.669	(0.828)	65111	0.50000	0.515
$	29 Dibromofluoromethane	111	6.900	6.926	(0.860)	39632	0.50000	0.447(a)
	30 1,1,1-Trichloroethane	97	6.910	6.965	(0.861)	51068	0.50000	0.415(a)
	31 Carbon Tetrachloride	117	7.215	7.251	(0.899)	46020	0.50000	0.399(a)
	32 1,1-Dichloropropene	75	7.186	7.241	(0.896)	44120	0.50000	0.465(a)
	34 1,2-Dichloroethane-d4 2nd	102	7.452	7.458	(0.929)	1643	0.50000	0.225(a)
	35 Benzene	78	7.530	7.576	(0.939)	65850	0.50000	0.500
	36 1,2-Dichloroethane	62	7.550	7.596	(0.941)	28596	0.50000	0.535(a)
	37 Tert-amyl methyl ether	73	7.816	7.822	(0.974)	30592	0.50000	0.457(a)
*	38 Fluorobenzene	96	8.023	8.049	(1.000)	1659284	10.0000	
	39 Trichloroethene	130	8.664	8.690	(1.080)	37809	0.50000	0.453(a)
	40 1,2-Dichloropropane(*)	63	9.028	9.044	(1.125)	20445	0.50000	0.447(a)
	41 Dibromomethane	93	9.226	9.242	(1.150)	13851	0.50000	0.444(a)
	42 Bromodichloromethane	83	9.531	9.547	(1.188)	38072	0.50000	0.418(a)
	44 1-Bromo-2-chloroethane	63	10.034	10.069	(1.251)	7218	0.50000	0.170(a)
	45 cis-1,3-Dichloropropene	75	10.339	10.355	(1.289)	18615	0.50000	0.362(a)
	46 4-Methyl-2-pentanone	43	10.665	10.661	(1.329)	16535	0.50000	1.47(a)
$	47 Toluene-d8	98	10.803	10.848	(0.800)	19232	0.50000	0.146(a)
	49 trans-1,3-Dichloropropene	75	11.364	11.380	(0.842)	11072	0.50000	0.332(a)
	50 1,1,2-Trichloroethane	97	11.699	11.696	(0.866)	12463	0.50000	0.440(a)
	51 Tetrachloroethene	164	11.956	11.972	(0.885)	24018	0.50000	0.300(a)
	52 1,3-Dichloropropane	76	11.985	11.991	(0.888)	22838	0.50000	0.500(a)
	53 2-Hexanone	43	12.222	12.198	(0.905)	19308	0.50000	2.88(a)
	54 Dibromochloromethane	129	12.389	12.405	(0.918)	21063	0.50000	0.351(a)
	55 1,2-Dibromoethane	107	12.577	12.583	(0.931)	15632	0.50000	0.406(a)
*	56 Chlorobenzene-d5	117	13.503	13.499	(1.000)	1212914	10.0000	
	57 Chlorobenzene (**)	112	13.542	13.549	(1.003)	61620	0.50000	0.474(a)
	58 1,1,1,2-Tetrachloroethane	131	13.730	13.726	(1.017)	20910	0.50000	0.320(a)
	59 Ethylbenzene (*)	106	13.809	13.815	(1.023)	29025	0.50000	0.452(a)
	60 m,p-Xylenes	106	14.035	14.051	(1.039)	76309	0.50000	0.965(a)
M	61 Xylenes (total)	100				109596	0.50000	1.42
	62 o-Xylene	106	14.794	14.790	(1.096)	33286	0.50000	0.457(a)
	63 Styrene	104	14.824	14.830	(1.098)	46645	0.50000	0.438(a)
	64 Bromoform (**)	173	15.129	15.125	(1.120)	8911	0.50000	0.270(a)
	65 Isopropylbenzene	105	15.543	15.549	(1.151)	116152	0.50000	0.456(a)
$	66 4-Bromofluorobenzene	95	15.809	15.806	(1.171)	46871	0.50000	0.534(a)
	67 4-Bromofluorobenzene-2nd	174	15.819	15.815	(1.172)	37295	0.50000	0.502(a)
	68 Bromobenzene	156	16.056	16.062	(0.886)	33792	0.50000	0.481(a)
	69 1,1,2,2-Tetrachloroethane(**)	83	16.134	16.141	(0.890)	15772	0.50000	0.468(a)

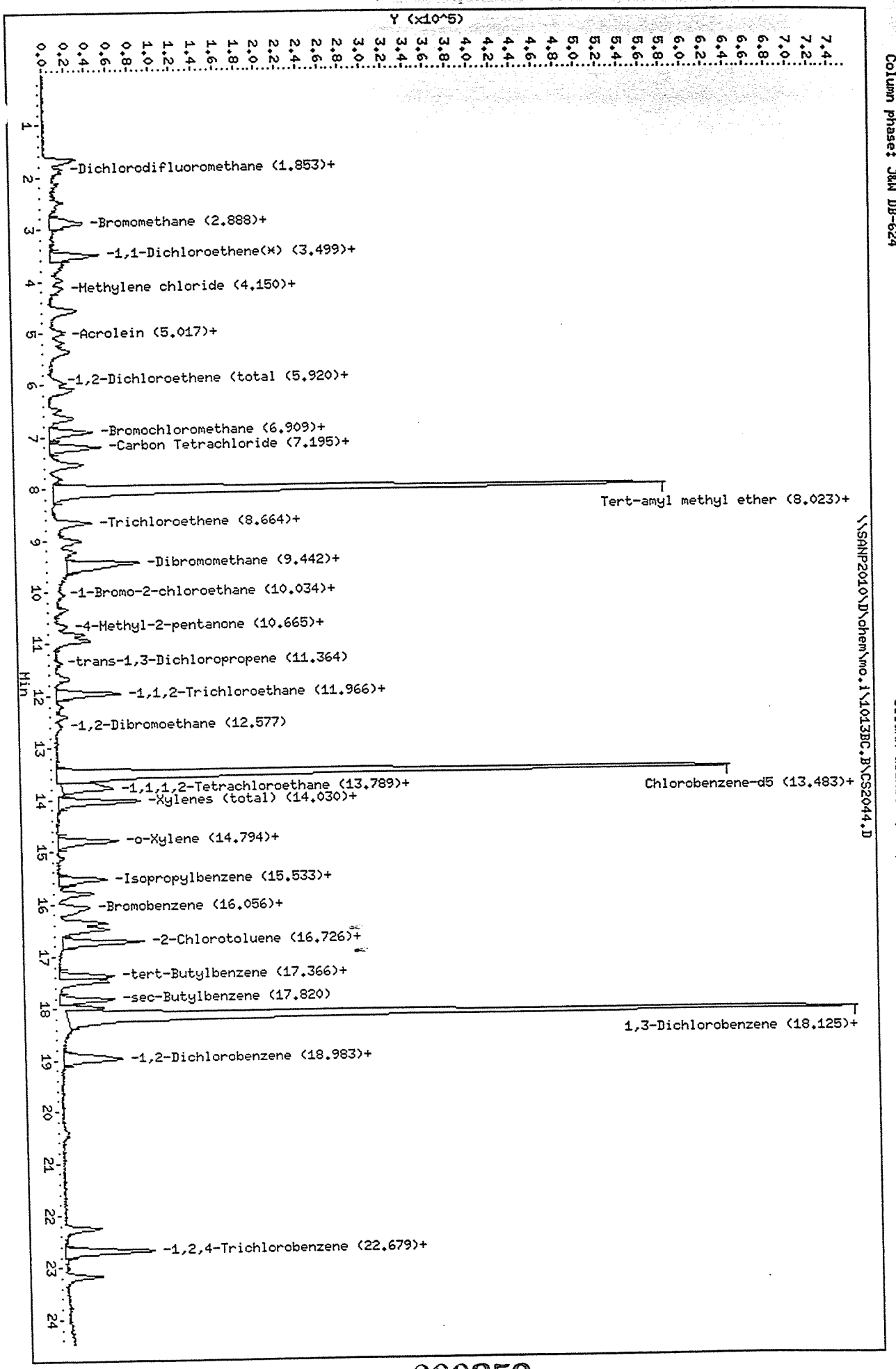
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
70 1,2,3-Trichloropropane	110	16.174	16.180	(0.892)	4463	0.50000	0.502(a)
71 n-Propylbenzene	91	16.371	16.377	(0.903)	125476	0.50000	0.431(a)
72 2-Chlorotoluene	126	16.479	16.495	(0.909)	27695	0.50000	0.466(a)
73 4-Chlorotoluene	126	16.716	16.712	(0.922)	26235	0.50000	0.452(a)
74 1,3,5-Trimethylbenzene	105	16.736	16.752	(0.923)	94766	0.50000	0.456(a)
75 tert-Butylbenzene	119	17.376	17.392	(0.959)	100894	0.50000	0.441(a)
76 1,2,4-Trimethylbenzene	105	17.485	17.491	(0.965)	95182	0.50000	0.467(a)
77 sec-Butylbenzene	105	17.820	17.836	(0.983)	136013	0.50000	0.447(a)
78 1,3-Dichlorobenzene	146	17.997	17.994	(0.993)	64648	0.50000	0.517(a)
* 79 1,4-Dichlorobenzene-d4	152	18.125	18.131	(1.000)	733740	10.0000	
80 p-Isopropyltoluene	119	18.155	18.151	(1.002)	115761	0.50000	0.456(a)
81 1,4-Dichlorobenzene	146	18.155	19.679	(1.002)	69617	0.50000	1.48
82 1,2-Dichlorobenzene	146	18.904	18.910	(1.043)	53836	0.50000	0.533(a)
83 n-Butylbenzene	91	18.983	18.989	(1.047)	108136	0.50000	0.430(a)
85 1,2,4-Trichlorobenzene	180	22.245	22.251	(1.227)	47820	0.50000	0.515(a)
86 Hexachlorobutadiene	225	22.659	22.675	(1.250)	61941	0.50000	0.490(a)
87 Napthalene	128	22.708	22.714	(1.253)	35001	0.50000	0.595(a)
88 1,2,3-Trichlorobenzene	180	23.152	23.158	(1.277)	45052	0.50000	0.638(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2044.D
Date : 13-OCT-2000 17:00
Client ID:
Sample Info: 0.5PPB 8260BSTD,,,6.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Lab Smp Id: 1PPB 8260BSTD
Inj Date : 13-OCT-2000 17:30
Operator : AD Inst ID: mc.i
Smp Info : 1PPB 8260BSTD,,,1,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00 Cal File: CS2044.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: SANP2010

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	1.850	1.850	(0.230)	81353	1.00000	1.04
2 Chloromethane (**)	50	2.116	2.116	(0.264)	30477	1.00000	1.54(M)
3 Vinyl chloride (*)	62	2.145	2.145	(0.267)	36422	1.00000	1.04
4 Bromomethane	94	2.471	2.471	(0.308)	36557	1.00000	0.991(a)
5 Chloroethane	64	2.589	2.589	(0.322)	23233	1.00000	1.03
6 Trichlorofluoromethane	101	2.894	2.894	(0.360)	132590	1.00000	1.02
7 Acrolein	56	5.013	5.013	(0.624)	27630	10.0000	9.70(a)
8 1,1-Dichloroethene(*)	96	3.476	3.476	(0.433)	48815	1.00000	1.04(M)
9 1,1,2-Trichlorotrifluoroethan	151	3.515	3.515	(0.438)	81034	1.00000	1.04
10 Iodomethane	142	3.683	3.683	(0.459)	134200	2.00000	1.60(a)
11 Acetone	43	3.545	3.545	(0.441)	25441	5.00000	7.41(a)
12 Carbon disulfide	76	3.762	3.762	(0.469)	81826	1.00000	0.693(a)
13 Methylene chloride	84	4.146	4.146	(0.516)	38290	1.00000	1.03
14 Acrylonitrile	53	7.418	7.418	(0.924)	3593	10.0000	7.56(aM)
15 t-Butanol	59	4.590	4.590	(0.572)	3994	4.00000	5.51(aM)

MM 10/13/2000

MM 10/13/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	
	16 Vinyl acetate	43	5.368	5.368	(0.669)	96457	2.00000	1.95(aM)	MM 10/13/2000
	17 trans-1,2-Dichloroethene	96	4.560	4.560	(0.568)	52917	1.00000	0.986(a)	
	18 Methyl-tert-butyl ether[MTBE]	73	4.580	4.580	(0.570)	51137	1.00000	1.09	
	19 1,1-Dichloroethane (**)	63	5.181	5.181	(0.645)	84191	1.00000	0.979(a)	
	20 Isopropyl ether	45	5.368	5.368	(0.669)	119379	1.00000	1.04	
	21 Tert-butyl ethyl ether	59	5.960	5.960	(0.742)	92565	1.00000	1.01	
M	22 1,2-Dichloroethene (total)	100				96238	2.00000	1.85	
	23 2,2-Dichloropropane	77	6.107	6.107	(0.761)	27530	1.00000	0.528(a)	
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.759)	43321	1.00000	0.861(a)	
	25 2-Butanone	43	6.147	6.147	(0.766)	24721	5.00000	6.34(a)	
	26 Bromochloromethane	128	6.462	6.462	(0.805)	26623	1.00000	1.09	
	27 Tetrahydrofuran	42	6.590	6.590	(0.821)	930	1.00000	0.477(aM)	MM 10/13/2000
	28 Chloroform (*)	83	6.620	6.620	(0.824)	131530	1.00000	1.05	
$	29 Dibromofluoromethane	111	6.886	6.886	(0.858)	96900	1.00000	1.11	
	30 1,1,1-Trichloroethane	97	6.916	6.916	(0.861)	116057	1.00000	0.956(a)	
	31 Carbon Tetrachloride	117	7.201	7.201	(0.897)	103257	1.00000	0.906(a)	
	32 1,1-Dichloropropene	75	7.192	7.192	(0.896)	95397	1.00000	1.02	
$	33 1,2-Dichloroethane-d4	65	7.438	7.438	(0.926)	46029	1.00000	1.12	
	34 1,2-Dichloroethane-d4 2nd	102	7.438	7.438	(0.926)	7206	1.00000	0.999(a)	
	35 Benzene	78	7.537	7.537	(0.939)	132359	1.00000	1.02	
	36 1,2-Dichloroethane	62	7.546	7.546	(0.940)	59334	1.00000	1.12	
	37 Tert-amyl methyl ether	73	7.813	7.813	(0.973)	70364	1.00000	1.06	
*	38 Fluorobenzene	96	8.029	8.029	(1.000)	1638508	10.0000		
	39 Trichloroethene	130	8.670	8.670	(1.080)	86538	1.00000	1.05	
	40 1,2-Dichloropropane(*)	63	9.025	9.025	(1.124)	47147	1.00000	1.04	
	41 Dibromomethane	93	9.212	9.212	(1.147)	32581	1.00000	1.06	
	42 Bromodichloromethane	83	9.537	9.537	(1.188)	80641	1.00000	0.896(a)	
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.250)	40735	1.00000	0.972(a)	
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.287)	47298	1.00000	0.932(a)	
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.328)	54029	5.00000	4.87(a)	
$	47 Toluene-d8	98	10.818	10.818	(0.802)	142817	1.00000	1.06	
	48 Toluene (*)	91	10.947	10.947	(0.811)	171028	1.00000	0.992(a)	
	49 trans-1,3-Dichloropropene	75	11.370	11.370	(0.843)	28216	1.00000	0.844(a)	
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	30326	1.00000	1.05	MM 10/13/2000
	51 Tetrachloroethene	164	11.972	11.972	(0.887)	92452	1.00000	1.03(M)	
	52 1,3-Dichloropropane	76	11.991	11.991	(0.889)	48201	1.00000	1.04	
	53 2-Hexanone	43	12.218	12.218	(0.906)	53301	5.00000	6.50(aM)	MM 10/13/2000
	54 Dibromochloromethane	129	12.395	12.395	(0.919)	49642	1.00000	0.812(a)	
	55 1,2-Dibromoethane	107	12.583	12.583	(0.933)	37478	1.00000	0.957(a)	
*	56 Chlorobenzene-d5	117	13.489	13.489	(1.000)	1235021	10.0000		
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	134015	1.00000	1.01	
	58 1,1,1,2-Tetrachloroethane	131	13.716	13.716	(1.017)	61226	1.00000	0.921(a)	
	59 Ethylbenzene (*)	106	13.805	13.805	(1.023)	66294	1.00000	1.01	
	60 m,p-Xylenes	106	14.031	14.031	(1.040)	161460	2.00000	2.00	
M	61 Xylenes (total)	100				236920	3.00000	3.02	
	62 o-Xylene	106	14.771	14.771	(1.095)	75460	1.00000	1.02	
	63 Styrene	104	14.810	14.810	(1.098)	105876	1.00000	0.976(a)	

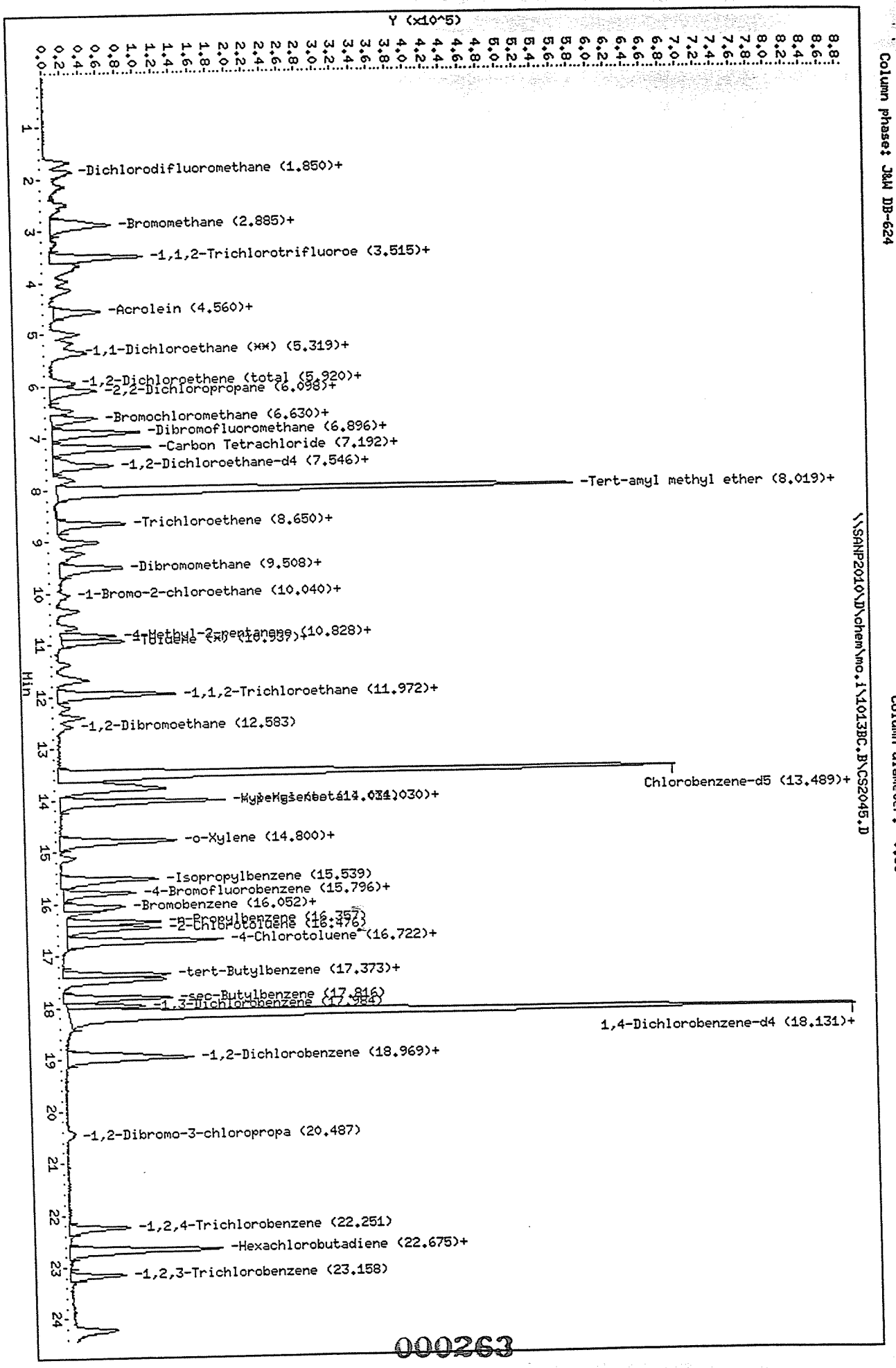
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
64 Bromoform (**)	173	15.106	15.106	(1.120)	23824	1.00000	0.710(a)
65 Isopropylbenzene	105	15.530	15.530	(1.151)	254364	1.00000	0.982(a)
$ 66 4-Bromofluorobenzene	95	15.806	15.806	(1.172)	96720	1.00000	1.08
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	83751	1.00000	1.11
68 Bromobenzene	156	16.052	16.052	(0.886)	72137	1.00000	0.988(a)
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	35664	1.00000	1.02
70 1,2,3-Trichloropropane	110	16.180	16.180	(0.893)	8463	1.00000	0.916(a)
71 n-Propylbenzene	91	16.357	16.357	(0.903)	272901	1.00000	0.900(a)
72 2-Chlorotoluene	126	16.486	16.486	(0.910)	62326	1.00000	1.01
73 4-Chlorotoluene	126	16.693	16.693	(0.921)	55989	1.00000	0.929(a)
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.923)	213727	1.00000	0.990(a)
75 tert-Butylbenzene	119	17.363	17.363	(0.958)	227127	1.00000	0.954(a)
76 1,2,4-Trimethylbenzene	105	17.481	17.481	(0.965)	206294	1.00000	0.974(a)
77 sec-Butylbenzene	105	17.816	17.816	(0.983)	305328	1.00000	0.965(a)
78 1,3-Dichlorobenzene	146	17.974	17.974	(0.992)	128611	1.00000	0.988(a)
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	763117	10.0000	
80 p-Isopropyltoluene	119	18.151	18.151	(1.002)	263317	1.00000	0.997(a)
81 1,4-Dichlorobenzene	146	18.181	18.181	(1.003)	142321	1.00000	2.91
82 1,2-Dichlorobenzene	146	18.910	18.910	(1.044)	106441	1.00000	1.01
83 n-Butylbenzene	91	18.969	18.969	(1.047)	249543	1.00000	0.954(a)
84 1,2-Dibromo-3-chloropropane	157	20.487	20.487	(1.131)	3288	1.00000	0.482(a)
85 1,2,4-Trichlorobenzene	180	22.251	22.251	(1.228)	89856	1.00000	0.930(a)
86 Hexachlorobutadiene	225	22.655	22.655	(1.250)	122685	1.00000	0.934(a)
87 Napthalene	128	22.744	22.744	(1.255)	53311	1.00000	0.872(a)
88 1,2,3-Trichlorobenzene	180	23.158	23.158	(1.278)	74544	1.00000	1.01

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2045.D
Date : 13-OCT-2000 17:30
Client ID:
Sample Info: 1PPB 8260BSTD,,,1.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Lab Smp Id: 5PPB 8260BSTD
Inj Date : 13-OCT-2000 18:00
Operator : AD Inst ID: mc.i
Smp Info : 5PPB 8260BSTD,,,2,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00 Cal File: CS2044.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: SANP2010

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	1.850	1.850	(0.231)	394688	5.00000	5.12	
2 Chloromethane (**)	50	2.097	2.097	(0.261)	140493	5.00000	5.84(M)	BM 10/13/2000
3 Vinyl chloride (*)	62	2.146	2.146	(0.268)	178241	5.00000	5.18	
4 Bromomethane	94	2.471	2.471	(0.308)	166715	5.00000	4.59	
5 Chloroethane	64	2.599	2.599	(0.324)	118221	5.00000	5.32	
6 Trichlorofluoromethane	101	2.895	2.895	(0.361)	655956	5.00000	5.11	
7 Acrolein	56	5.004	5.004	(0.624)	141040	50.0000	50.28	
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	226795	5.00000	4.91	
9 1,1,2-Trichlorotrifluoroethan	151	3.506	3.506	(0.437)	396783	5.00000	5.16	
10 Iodomethane	142	3.674	3.674	(0.458)	894569	10.0000	10.83	
11 Acetone	43	3.545	3.545	(0.442)	93512	25.0000	27.66	BM 10/13/2000
12 Carbon disulfide	76	3.772	3.772	(0.470)	444371	5.00000	4.00(M)	
13 Methylene chloride	84	4.137	4.137	(0.516)	189640	5.00000	5.16	
14 Acrylonitrile	53	7.428	7.428	(0.926)	27846	50.0000	59.48	
15 t-Butanol	59	4.403	4.403	(0.549)	18303	20.0000	21.71(aM)	BM 10/13/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.339	5.339	(0.666)	502778	10.0000	10.33
	17 trans-1,2-Dichloroethene	96	4.551	4.551	(0.567)	268891	5.00000	5.09
	18 Methyl-tert-butyl ether[MTBE]	73	4.580	4.580	(0.571)	246332	5.00000	5.33
	19 1,1-Dichloroethane (**)	63	5.172	5.172	(0.645)	430193	5.00000	5.08
	20 Isopropyl ether	45	5.378	5.378	(0.671)	577512	5.00000	5.12
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	467839	5.00000	5.17
M	22 1,2-Dichloroethene (total)	100				529326	10.0000	10.34
	23 2,2-Dichloropropane	77	6.088	6.088	(0.759)	200908	5.00000	3.92
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	260435	5.00000	5.25
	25 2-Butanone	43	6.137	6.137	(0.765)	103033	25.0000	26.84
	26 Bromochloromethane	128	6.473	6.473	(0.807)	131036	5.00000	5.46
	27 Tetrahydrofuran	42	6.620	6.620	(0.825)	10701	5.00000	5.57
	28 Chloroform (*)	83	6.630	6.630	(0.827)	641328	5.00000	5.21
$	29 Dibromofluoromethane	111	6.896	6.896	(0.860)	457848	5.00000	5.31
	30 1,1,1-Trichloroethane	97	6.916	6.916	(0.862)	602459	5.00000	5.04
	31 Carbon Tetrachloride	117	7.202	7.202	(0.898)	576910	5.00000	5.14
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	470185	5.00000	5.09
$	33 1,2-Dichloroethane-d4	65	7.428	7.428	(0.926)	213562	5.00000	5.30
	34 1,2-Dichloroethane-d4 2nd	102	7.448	7.448	(0.929)	39182	5.00000	5.51
	35 Benzene	78	7.527	7.527	(0.939)	663158	5.00000	5.17
	36 1,2-Dichloroethane	62	7.557	7.557	(0.942)	284397	5.00000	5.47
	37 Tert-amyl methyl ether	73	7.813	7.813	(0.974)	343916	5.00000	5.28
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1613881	10.0000	
	39 Trichloroethene	130	8.670	8.670	(1.081)	416320	5.00000	5.12
	40 1,2-Dichloropropane(*)	63	9.025	9.025	(1.125)	229411	5.00000	5.16
	41 Dibromomethane	93	9.222	9.222	(1.150)	168366	5.00000	5.54
	42 Bromodichloromethane	83	9.538	9.538	(1.189)	461264	5.00000	5.20
	43 2-Chloroethylvinyl ether	106	10.040	10.040	(1.252)	6823	10.0000	9.66(aM)
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.252)	211127	5.00000	5.12
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	257290	5.00000	5.15
	46 4-Methyl-2-pentanone	43	10.651	10.651	(1.328)	291400	25.0000	26.67
$	47 Toluene-d8	98	10.819	10.819	(0.803)	666301	5.00000	5.04
	48 Toluene (*)	91	10.937	10.937	(0.811)	864497	5.00000	5.09
	49 trans-1,3-Dichloropropene	75	11.371	11.371	(0.844)	165813	5.00000	5.04
	50 1,1,2-Trichloroethane	97	11.676	11.676	(0.866)	148706	5.00000	5.23
	51 Tetrachloroethene	164	11.952	11.952	(0.887)	457906	5.00000	5.16
	52 1,3-Dichloropropane	76	11.972	11.972	(0.888)	237770	5.00000	5.19
	53 2-Hexanone	43	12.209	12.209	(0.906)	186263	25.0000	23.08
	54 Dibromochloromethane	129	12.396	12.396	(0.920)	297788	5.00000	4.95
	55 1,2-Dibromoethane	107	12.573	12.573	(0.933)	200271	5.00000	5.19
*	56 Chlorobenzene-d5	117	13.480	13.480	(1.000)	1216119	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	673535	5.00000	5.16
	58 1,1,1,2-Tetrachloroethane	131	13.707	13.707	(1.017)	338007	5.00000	5.16
	59 Ethylbenzene (*)	106	13.795	13.795	(1.023)	322618	5.00000	5.01
	60 m,p-Xylenes	106	14.022	14.022	(1.040)	812685	10.0000	10.25
M	61 Xylenes (total)	100				1191634	15.0000	15.44
	62 o-Xylene	106	14.771	14.771	(1.096)	378949	5.00000	5.19

m
10/13/2000

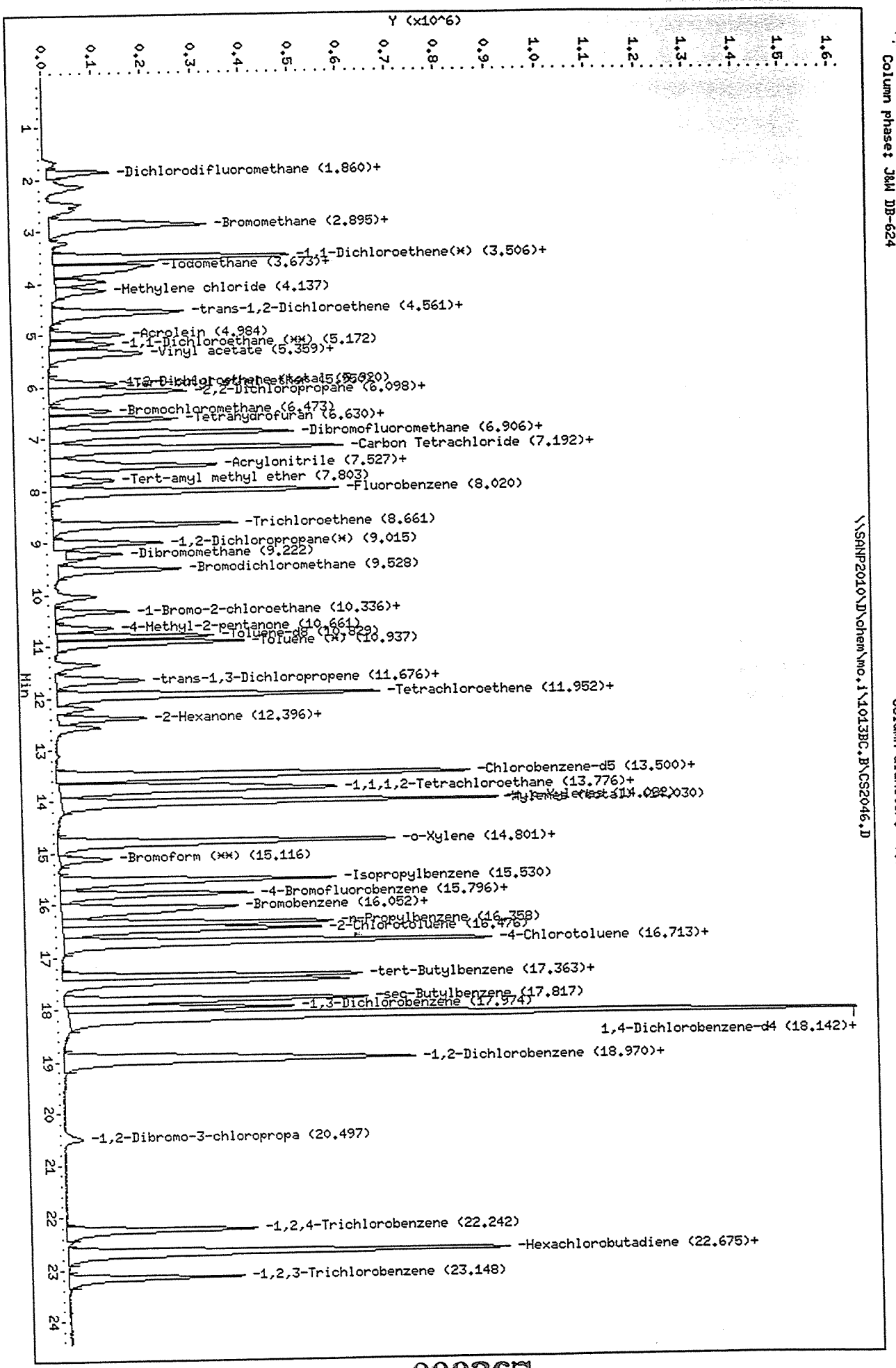
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.099)	556784	5.00000	5.21
64 Bromoform (**)	173	15.126	15.126	(1.122)	161086	5.00000	4.88
65 Isopropylbenzene	105	15.530	15.530	(1.152)	1306879	5.00000	5.12
$ 66 4-Bromofluorobenzene	95	15.806	15.806	(1.173)	478050	5.00000	5.44
67 4-Bromofluorobenzene-2nd	174	15.806	15.806	(1.173)	403572	5.00000	5.42
68 Bromobenzene	156	16.052	16.052	(0.886)	356918	5.00000	4.81
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	173596	5.00000	4.88
70 1,2,3-Trichloropropane	110	16.180	16.180	(0.893)	46991	5.00000	5.01
71 n-Propylbenzene	91	16.358	16.358	(0.903)	1520664	5.00000	4.94
72 2-Chlorotoluene	126	16.486	16.486	(0.910)	309489	5.00000	4.93
73 4-Chlorotoluene	126	16.693	16.693	(0.921)	309113	5.00000	5.05
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.923)	1076053	5.00000	4.91
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	1169562	5.00000	4.84
76 1,2,4-Trimethylbenzene	105	17.481	17.481	(0.965)	1059007	5.00000	4.92
77 sec-Butylbenzene	105	17.817	17.817	(0.983)	1557795	5.00000	4.85
78 1,3-Dichlorobenzene	146	17.984	17.984	(0.992)	663958	5.00000	5.02
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	775010	10.0000	
80 p-Isopropyltoluene	119	18.142	18.142	(1.001)	1332053	5.00000	4.96
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.002)	661860	5.00000	8.71(H)
82 1,2-Dichlorobenzene	146	18.901	18.901	(1.043)	544081	5.00000	5.10
83 n-Butylbenzene	91	18.979	18.979	(1.047)	1289690	5.00000	4.86
84 1,2-Dibromo-3-chloropropane	157	20.497	20.497	(1.131)	32931	5.00000	4.75
85 1,2,4-Trichlorobenzene	180	22.252	22.252	(1.228)	472432	5.00000	4.82
86 Hexachlorobutadiene	225	22.666	22.666	(1.251)	657659	5.00000	4.93
87 Napthalene	128	22.715	22.715	(1.253)	300016	5.00000	4.83
88 1,2,3-Trichlorobenzene	180	23.148	23.148	(1.277)	377000	5.00000	5.05

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2046.D
Date : 13-OCT-2000 18:00
Client ID:
Sample Info: EPPB 8260BSTD,,2.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 13-OCT-2000 18:30
Operator : AD Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 21:13 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.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: SANP2010

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	1.850	1.850	(0.231)	766726	10.0000	9.95
2 Chloromethane (**)	50	2.116	2.116	(0.264)	295476	10.0000	10.29(M)
3 Vinyl chloride (*)	62	2.136	2.136	(0.266)	342778	10.0000	9.99
4 Bromomethane	94	2.471	2.471	(0.308)	343496	10.0000	9.47
5 Chloroethane	64	2.579	2.579	(0.322)	237618	10.0000	10.71
6 Trichlorofluoromethane	101	2.894	2.894	(0.361)	1284347	10.0000	10.03
7 Acrolein	56	4.984	4.984	(0.621)	275540	100.000	98.43
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	462688	10.0000	10.03
9 1,1,2-Trichlorotrifluoroethan	151	3.515	3.515	(0.438)	771241	10.0000	10.04
10 Iodomethane	142	3.673	3.673	(0.458)	1925574	20.0000	23.35
11 Acetone	43	3.545	3.545	(0.442)	172923	50.0000	51.24
12 Carbon disulfide	76	3.772	3.772	(0.470)	926442	10.0000	10.14(M)
13 Methylene chloride	84	4.146	4.146	(0.517)	381395	10.0000	10.39
14 Acrylonitrile	53	7.428	7.428	(0.926)	50412	100.000	108.0
15 t-Butanol	59	4.412	4.412	(0.550)	33886	40.0000	40.24

MM 10/13/00

MM 10/12/00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.329	5.329	(0.664)	971437	20.0000	20.04
	17 trans-1,2-Dichloroethene	96	4.550	4.550	(0.567)	527912	10.0000	10.01
	18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	486532	10.0000	10.54
	19 1,1-Dichloroethane (**)	63	5.171	5.171	(0.645)	841407	10.0000	9.94
	20 Isopropyl ether	45	5.359	5.359	(0.668)	1135112	10.0000	10.07
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	933926	10.0000	10.33
M	22 1,2-Dichloroethene (total)	100				1056480	20.0000	20.68
	23 2,2-Dichloropropane	77	6.078	6.078	(0.758)	458085	10.0000	8.94
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	528568	10.0000	10.68
	25 2-Butanone	43	6.137	6.137	(0.765)	184107	50.0000	48.30
	26 Bromochloromethane	128	6.472	6.472	(0.807)	252415	10.0000	10.54
	27 Tetrahydrofuran	42	6.581	6.581	(0.821)	24329	10.0000	12.71(M)
	28 Chloroform (*)	83	6.640	6.640	(0.828)	1245829	10.0000	10.14
$	29 Dibromofluoromethane	111	6.886	6.886	(0.859)	885030	10.0000	10.29
	30 1,1,1-Trichloroethane	97	6.906	6.906	(0.861)	1222273	10.0000	10.23
	31 Carbon Tetrachloride	117	7.192	7.192	(0.897)	1194203	10.0000	10.66
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	923713	10.0000	10.04
$	33 1,2-Dichloroethane-d4	65	7.428	7.428	(0.926)	425383	10.0000	10.57
	34 1,2-Dichloroethane-d4 2nd	102	7.428	7.428	(0.926)	75053	10.0000	10.58
	35 Benzene	78	7.527	7.527	(0.939)	1320083	10.0000	10.31
	36 1,2-Dichloroethane	62	7.556	7.556	(0.942)	543162	10.0000	10.50
	37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	660242	10.0000	10.16
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1611523	10.0000	
	39 Trichloroethene	130	8.650	8.650	(1.079)	810225	10.0000	9.99
	40 1,2-Dichloropropane(*)	63	9.005	9.005	(1.123)	461025	10.0000	10.39
	41 Dibromomethane	93	9.212	9.212	(1.149)	333972	10.0000	11.01
	42 Bromodichloromethane	83	9.527	9.527	(1.188)	944578	10.0000	10.67
	43 2-Chloroethylvinyl ether	106	10.060	10.060	(1.254)	16216	20.0000	20.74
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.252)	438429	10.0000	10.64
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	543196	10.0000	10.87
	46 4-Methyl-2-pentanone	43	10.651	10.651	(1.328)	595223	50.0000	54.56
$	47 Toluene-d8	98	10.828	10.828	(0.803)	1316204	10.0000	10.07
	48 Toluene (*)	91	10.937	10.937	(0.811)	1706294	10.0000	10.17
	49 trans-1,3-Dichloropropene	75	11.370	11.370	(0.843)	347561	10.0000	10.50
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	298176	10.0000	10.59
	51 Tetrachloroethene	164	11.952	11.952	(0.886)	884007	10.0000	10.08
	52 1,3-Dichloropropane	76	11.982	11.982	(0.888)	480104	10.0000	10.61
	53 2-Hexanone	43	12.208	12.208	(0.905)	392565	50.0000	49.19
	54 Dibromochloromethane	129	12.395	12.395	(0.919)	640911	10.0000	10.77
	55 1,2-Dibromoethane	107	12.573	12.573	(0.932)	408493	10.0000	10.71
*	56 Chlorobenzene-d5	117	13.489	13.489	(1.000)	1203388	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	1308886	10.0000	10.15
	58 1,1,1,2-Tetrachloroethane	131	13.706	13.706	(1.016)	685312	10.0000	10.59
	59 Ethylbenzene (*)	106	13.785	13.785	(1.022)	642183	10.0000	10.08
	60 m,p-Xylenes	106	14.032	14.032	(1.040)	1609690	20.0000	20.52
M	61 Xylenes (total)	100				2339398	30.0000	30.62
	62 o-Xylene	106	14.781	14.781	(1.096)	729708	10.0000	10.09

pm 10/13/2000

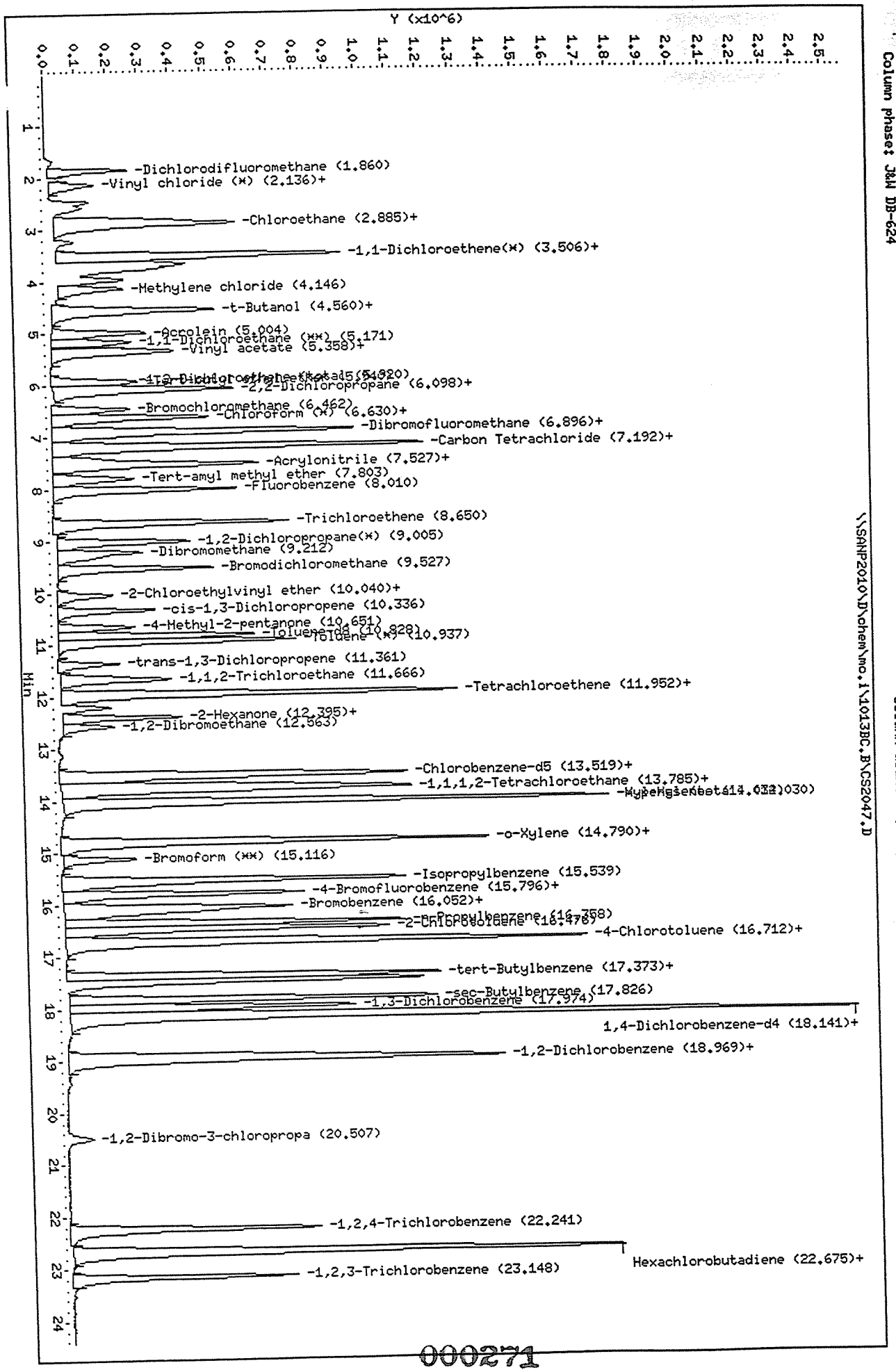
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.098)	1107053	10.0000	10.47
64 Bromoform (**)	173	15.116	15.116	(1.121)	351979	10.0000	10.78
65 Isopropylbenzene	105	15.530	15.530	(1.151)	2571995	10.0000	10.19
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.171)	928863	10.0000	10.68
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	789568	10.0000	10.72
68 Bromobenzene	156	16.062	16.062	(0.887)	721285	10.0000	9.96
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.891)	353535	10.0000	10.18
70 1,2,3-Trichloropropane	110	16.170	16.170	(0.893)	96980	10.0000	10.56
71 n-Propylbenzene	91	16.358	16.358	(0.903)	3005638	10.0000	9.79
72 2-Chlorotoluene	126	16.476	16.476	(0.910)	598810	10.0000	9.74
73 4-Chlorotoluene	126	16.702	16.702	(0.922)	602833	10.0000	10.08
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.924)	2075612	10.0000	9.68
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	2308531	10.0000	9.78
76 1,2,4-Trimethylbenzene	105	17.471	17.471	(0.965)	2073927	10.0000	9.87
77 sec-Butylbenzene	105	17.826	17.826	(0.984)	3034666	10.0000	9.64
78 1,3-Dichlorobenzene	146	17.974	17.974	(0.992)	1267723	10.0000	9.83
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.112	(1.000)	755803	10.0000	
80 p-Isopropyltoluene	119	18.141	18.141	(1.002)	2559174	10.0000	9.77
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.003)	1311790	10.0000	10.08(H)
82 1,2-Dichlorobenzene	146	18.900	18.900	(1.044)	1025767	10.0000	9.84
83 n-Butylbenzene	91	18.979	18.979	(1.048)	2542647	10.0000	9.81
84 1,2-Dibromo-3-chloropropane	157	20.507	20.507	(1.132)	73565	10.0000	10.87
85 1,2,4-Trichlorobenzene	180	22.241	22.241	(1.228)	968012	10.0000	10.10
86 Hexachlorobutadiene	225	22.675	22.675	(1.252)	1297582	10.0000	9.96
87 Napthalene	128	22.705	22.705	(1.254)	660303	10.0000	10.89
88 1,2,3-Trichlorobenzene	180	23.148	23.148	(1.278)	731019	10.0000	10.04

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2047.D
Date : 13-OCT-2000 18:30
Client ID:
Sample Info: 10PPB 8260BSTD,,3.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2048.D
Lab Smp Id: 50PPB 8260BSTD
Inj Date : 13-OCT-2000 19:00
Operator : AD
Inst ID: mc.i
Smp Info : 50PPB 8260BSTD,,,4,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:55 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.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: SANP2010

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	1.850	1.850	(0.231)	3600522	50.0000	47.68
2 Chloromethane (**)	50	2.116	2.116	(0.264)	1269634	50.0000	45.14
3 Vinyl chloride (*)	62	2.146	2.146	(0.268)	1665780	50.0000	49.54
4 Bromomethane	94	2.462	2.462	(0.307)	1903146	50.0000	53.53
5 Chloroethane	64	2.570	2.570	(0.320)	1017324	50.0000	46.80
6 Trichlorofluoromethane	101	2.885	2.885	(0.360)	6065900	50.0000	48.32
7 Acrolein	56	4.994	4.994	(0.623)	1326957	500.000	483.6
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	2160317	50.0000	47.79
9 1,1,2-Trichlorotrifluoroethan	151	3.516	3.516	(0.438)	3560013	50.0000	47.27
10 Iodomethane	142	3.674	3.674	(0.458)	8807012	100.000	109.0
11 Acetone	43	3.565	3.565	(0.445)	642993	250.000	194.4
12 Carbon disulfide	76	3.772	3.772	(0.470)	4911350	50.0000	47.46(M)
13 Methylene chloride	84	4.137	4.137	(0.516)	1774481	50.0000	49.33
14 Acrylonitrile	53	7.429	7.429	(0.926)	245480	500.000	536.6
15 t-Butanol	59	4.413	4.413	(0.550)	166918	200.000	202.3

M 10/13/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.320	5.320	(0.663)	4899751	100.000	103.1
	17 trans-1,2-Dichloroethene	96	4.551	4.551	(0.567)	2509160	50.0000	48.52
	18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	2272880	50.0000	50.24
	19 1,1-Dichloroethane (**)	63	5.182	5.182	(0.646)	4110692	50.0000	49.57
	20 Isopropyl ether	45	5.369	5.369	(0.669)	5433286	50.0000	49.18
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	4457724	50.0000	50.30
M	22 1,2-Dichloroethene (total)	100				4998219	100.000	99.83
	23 2,2-Dichloropropane	77	6.088	6.088	(0.759)	3416162	50.0000	68.04
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	2489059	50.0000	51.30
	25 2-Butanone	43	6.167	6.167	(0.769)	867862	250.000	232.3
	26 Bromochloromethane	128	6.473	6.473	(0.807)	1164752	50.0000	49.64
	27 Tetrahydrofuran	42	6.591	6.591	(0.822)	112262	50.0000	62.15
	28 Chloroform (*)	83	6.640	6.640	(0.828)	5912870	50.0000	49.10
$	29 Dibromofluoromethane	111	6.897	6.897	(0.860)	4083879	50.0000	48.43
	30 1,1,1-Trichloroethane	97	6.906	6.906	(0.861)	5924126	50.0000	50.61
	31 Carbon Tetrachloride	117	7.202	7.202	(0.898)	5826217	50.0000	53.05
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	4380292	50.0000	48.60
$	33 1,2-Dichloroethane-d4	65	7.429	7.429	(0.926)	1923630	50.0000	48.77
	34 1,2-Dichloroethane-d4 2nd	102	7.429	7.429	(0.926)	358194	50.0000	51.51
	35 Benzene	78	7.527	7.527	(0.939)	6145209	50.0000	48.97
	36 1,2-Dichloroethane	62	7.557	7.557	(0.942)	2487637	50.0000	49.08
	37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	3250303	50.0000	51.03
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1579493	10.0000	
	39 Trichloroethene	130	8.661	8.661	(1.080)	3854015	50.0000	48.48
	40 1,2-Dichloropropane(*)	63	9.016	9.016	(1.124)	2168717	50.0000	49.86
	41 Dibromomethane	93	9.223	9.223	(1.150)	1496317	50.0000	50.35
	42 Bromodichloromethane	83	9.528	9.528	(1.188)	4718815	50.0000	54.38
	43 2-Chloroethylvinyl ether	106	10.110	10.110	(1.261)	103154	100.000	149.2
	44 1-Bromo-2-chloroethane	63	10.050	10.050	(1.253)	2223086	50.0000	55.05
	45 cis-1,3-Dichloropropene	75	10.346	10.346	(1.290)	2859101	50.0000	58.37
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.329)	2766834	250.000	258.8
$	47 Toluene-d8	98	10.819	10.819	(0.803)	5873983	50.0000	48.11
	48 Toluene (*)	91	10.947	10.947	(0.812)	7640132	50.0000	48.73
	49 trans-1,3-Dichloropropene	75	11.371	11.371	(0.844)	1877677	50.0000	61.63
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.867)	1308385	50.0000	49.75
	51 Tetrachloroethene	164	11.953	11.953	(0.887)	3874261	50.0000	47.30
	52 1,3-Dichloropropane	76	11.982	11.982	(0.889)	2113240	50.0000	50.00
	53 2-Hexanone	43	12.209	12.209	(0.906)	1830508	250.000	245.5
	54 Dibromochloromethane	129	12.396	12.396	(0.920)	3139257	50.0000	56.45
	55 1,2-Dibromoethane	107	12.573	12.573	(0.933)	1858524	50.0000	52.17
*	56 Chlorobenzene-d5	117	13.480	13.480	(1.000)	1124179	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	5934133	50.0000	49.24
	58 1,1,1,2-Tetrachloroethane	131	13.717	13.717	(1.018)	3112952	50.0000	51.48
	59 Ethylbenzene (*)	106	13.796	13.796	(1.023)	2863981	50.0000	48.13
	60 m,p-Xylenes	106	14.032	14.032	(1.041)	7097503	100.000	96.88
M	61 Xylenes (total)	100				10382497	150.000	145.5
	62 o-Xylene	106	14.781	14.781	(1.097)	3284994	50.0000	48.62

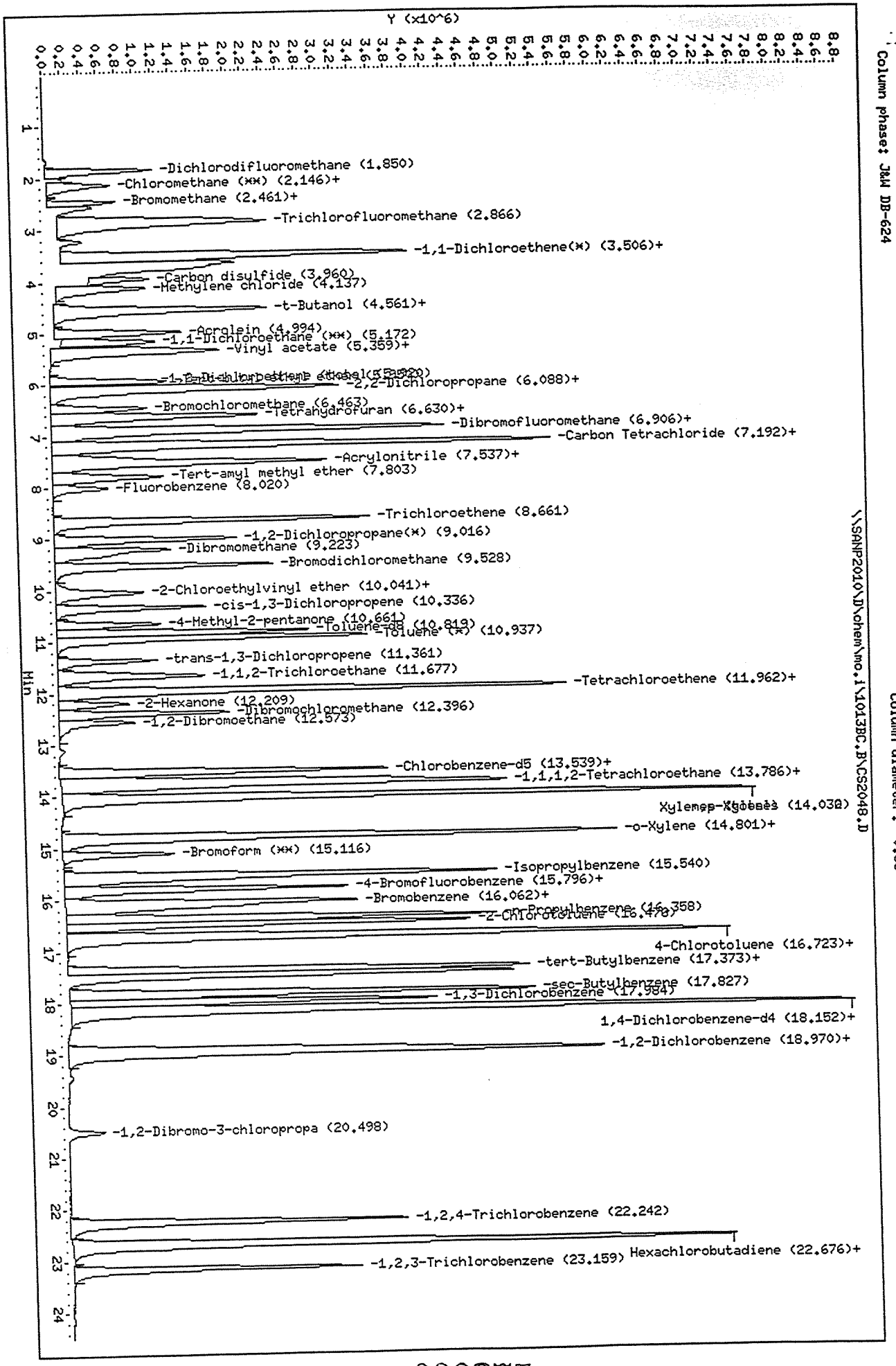
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.811	14.811	(1.099)	4935853	50.0000	49.99
64 Bromoform (**)	173	15.116	15.116	(1.121)	1820488	50.0000	59.68
65 Isopropylbenzene	105	15.540	15.540	(1.153)	11253496	50.0000	47.74
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.172)	3730972	50.0000	45.92
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.172)	3102813	50.0000	45.10
68 Bromobenzene	156	16.062	16.062	(0.886)	3178839	50.0000	50.98
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	1553216	50.0000	51.93
70 1,2,3-Trichloropropane	110	16.171	16.171	(0.892)	421724	50.0000	53.35
71 n-Propylbenzene	91	16.368	16.368	(0.903)	13483053	50.0000	50.99
72 2-Chlorotoluene	126	16.486	16.486	(0.910)	2594423	50.0000	49.04
73 4-Chlorotoluene	126	16.703	16.703	(0.922)	2585195	50.0000	50.22
74 1,3,5-Trimethylbenzene	105	16.742	16.742	(0.924)	9039568	50.0000	48.96
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	10028444	50.0000	49.37
76 1,2,4-Trimethylbenzene	105	17.482	17.482	(0.965)	8866051	50.0000	49.02
77 sec-Butylbenzene	105	17.827	17.827	(0.984)	13181449	50.0000	48.65
78 1,3-Dichlorobenzene	146	17.984	17.984	(0.992)	5536001	50.0000	49.84
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	650788	10.0000	
80 p-Isopropyltoluene	119	18.142	18.142	(1.001)	10867277	50.0000	48.17
81 1,4-Dichlorobenzene	146	18.172	18.172	(1.003)	5440691	50.0000	60.76
82 1,2-Dichlorobenzene	146	18.901	18.901	(1.043)	4494705	50.0000	50.10
83 n-Butylbenzene	91	18.980	18.980	(1.047)	10950704	50.0000	49.05
84 1,2-Dibromo-3-chloropropane	157	20.498	20.498	(1.131)	376172	50.0000	64.57
85 1,2,4-Trichlorobenzene	180	22.242	22.242	(1.227)	4349925	50.0000	52.73
86 Hexachlorobutadiene	225	22.676	22.676	(1.251)	5495201	50.0000	48.98
87 Napthalene	128	22.705	22.705	(1.253)	2920180	50.0000	55.92
88 1,2,3-Trichlorobenzene	180	23.159	23.159	(1.278)	3189876	50.0000	50.86

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2048.D
Date : 13-OCT-2000 19:00
Client ID:
Sample Info: 50PPB 8260BSTD,,,4,0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Lab Smp Id: 100PPB 8260BSTD
Inj Date : 13-OCT-2000 19:30
Operator : AD Inst ID: mc.i
Smp Info : 100PPB 8260BSTD,,,5,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:55 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.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: SANP2010

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	1.860	1.860	(0.231)	6273623	100.000	98.99
2 Chloromethane (**)	50	2.086	2.086	(0.259)	2476406	100.000	104.9(A)
3 Vinyl chloride (*)	62	2.155	2.155	(0.268)	2957109	100.000	104.8(A)
4 Bromomethane	94	2.481	2.481	(0.308)	3202460	100.000	107.3(A)
5 Chloroethane	64	2.589	2.589	(0.322)	1637059	100.000	89.74
6 Trichlorofluoromethane	101	2.904	2.904	(0.361)	10432650	100.000	99.02
7 Acrolein	56	5.043	5.043	(0.627)	2467232	1000.00	1071(A)
8 1,1-Dichloroethene(*)	96	3.515	3.515	(0.437)	3862643	100.000	101.8(A)
9 1,1,2-Trichlorotrifluoroethan	151	3.545	3.545	(0.440)	6207549	100.000	98.22
10 Iodomethane	142	3.703	3.703	(0.460)	11666037	200.000	172.0
11 Acetone	43	3.575	3.575	(0.444)	843473	500.000	303.9
12 Carbon disulfide	76	3.801	3.801	(0.472)	7796560	100.000	97.73(M)
13 Methylene chloride	84	4.176	4.176	(0.519)	2766436	100.000	91.64
14 Acrylonitrile	53	7.458	7.458	(0.927)	344681	1000.00	897.8
15 t-Butanol	59	4.412	4.412	(0.548)	202478	400.000	292.4

MB 10/13/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.368	5.368	(0.667)	7598938	200.000	190.6
	17 trans-1,2-Dichloroethene	96	4.590	4.590	(0.570)	4446594	100.000	102.5(A)
	18 Methyl-tert-butyl ether[MTBE]	73	4.619	4.619	(0.574)	2983814	100.000	78.59
	19 1,1-Dichloroethane (**)	63	5.220	5.220	(0.649)	7098050	100.000	102.0(A)
	20 Isopropyl ether	45	5.398	5.398	(0.671)	8758659	100.000	94.46
	21 Tert-butyl ethyl ether	59	5.970	5.970	(0.742)	6850293	100.000	92.10
M	22 1,2-Dichloroethene (total)	100				8495539	200.000	201.9
	23 2,2-Dichloropropane	77	6.147	6.147	(0.764)	6038858	100.000	143.3(A)
	24 cis-1,2-Dichloroethene	96	6.147	6.147	(0.764)	4048945	100.000	99.45
	25 2-Butanone	43	6.167	6.167	(0.766)	1174798	500.000	374.7
	26 Bromochloromethane	128	6.511	6.511	(0.809)	1507928	100.000	76.58
	27 Tetrahydrofuran	42	6.610	6.610	(0.821)	147657	100.000	97.41
	28 Chloroform (*)	83	6.669	6.669	(0.829)	9185448	100.000	90.88
$	29 Dibromofluoromethane	111	6.926	6.926	(0.860)	5887603	100.000	83.20
	30 1,1,1-Trichloroethane	97	6.965	6.965	(0.865)	9835857	100.000	100.1(A)
	31 Carbon Tetrachloride	117	7.251	7.251	(0.901)	9650671	100.000	104.7(A)
	32 1,1-Dichloropropene	75	7.241	7.241	(0.900)	7426263	100.000	98.18
$	33 1,2-Dichloroethane-d4	65	7.458	7.458	(0.927)	2590673	100.000	78.27
	34 1,2-Dichloroethane-d4 2nd	102	7.458	7.458	(0.927)	472907	100.000	81.03
	35 Benzene	78	7.576	7.576	(0.941)	9879649	100.000	93.82
	36 1,2-Dichloroethane	62	7.596	7.596	(0.944)	3385807	100.000	79.59
	37 Tert-amyl methyl ether	73	7.822	7.822	(0.972)	4499672	100.000	84.18
*	38 Fluorobenzene	96	8.049	8.049	(1.000)	1325546	10.0000	
	39 Trichloroethene	130	8.690	8.690	(1.080)	6382399	100.000	95.67
	40 1,2-Dichloropropane(*)	63	9.044	9.044	(1.124)	3237382	100.000	88.68
	41 Dibromomethane	93	9.242	9.242	(1.148)	1810915	100.000	72.60
	42 Bromodichloromethane	83	9.547	9.547	(1.186)	6623398	100.000	90.94
	43 2-Chloroethylvinyl ether	106	10.109	10.109	(1.256)	95944	200.000	149.2(M)
	44 1-Bromo-2-chloroethane	63	10.069	10.069	(1.251)	2843827	100.000	83.91
	45 cis-1,3-Dichloropropene	75	10.355	10.355	(1.287)	4085841	100.000	99.40
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.324)	3735686	500.000	416.3
$	47 Toluene-d8	98	10.848	10.848	(0.804)	9301568	100.000	95.72
	48 Toluene (*)	91	10.966	10.966	(0.812)	12429969	100.000	99.62
	49 trans-1,3-Dichloropropene	75	11.380	11.380	(0.843)	2654604	100.000	109.5(A)
	50 1,1,2-Trichloroethane	97	11.696	11.696	(0.866)	1780231	100.000	85.06
	51 Tetrachloroethene	164	11.972	11.972	(0.887)	6417667	100.000	98.45
	52 1,3-Dichloropropane	76	11.991	11.991	(0.888)	2895623	100.000	86.08
	53 2-Hexanone	43	12.198	12.198	(0.904)	2398740	500.000	404.3
	54 Dibromochloromethane	129	12.405	12.405	(0.919)	4388456	100.000	99.16
	55 1,2-Dibromoethane	107	12.583	12.583	(0.932)	2517836	100.000	88.81
*	56 Chlorobenzene-d5	117	13.499	13.499	(1.000)	894739	10.0000	
	57 Chlorobenzene (**)	112	13.549	13.549	(1.004)	9160029	100.000	95.50
	58 1,1,1,2-Tetrachloroethane	131	13.726	13.726	(1.017)	4601571	100.000	95.62
	59 Ethylbenzene (*)	106	13.815	13.815	(1.023)	4797985	100.000	101.3(A)
	60 m,p-Xylenes	106	14.051	14.051	(1.041)	11388791	200.000	195.3
M	61 Xylenes (total)	100				16575722	300.000	291.8
	62 o-Xylene	106	14.790	14.790	(1.096)	5186931	100.000	96.47

MM 10/14/2000

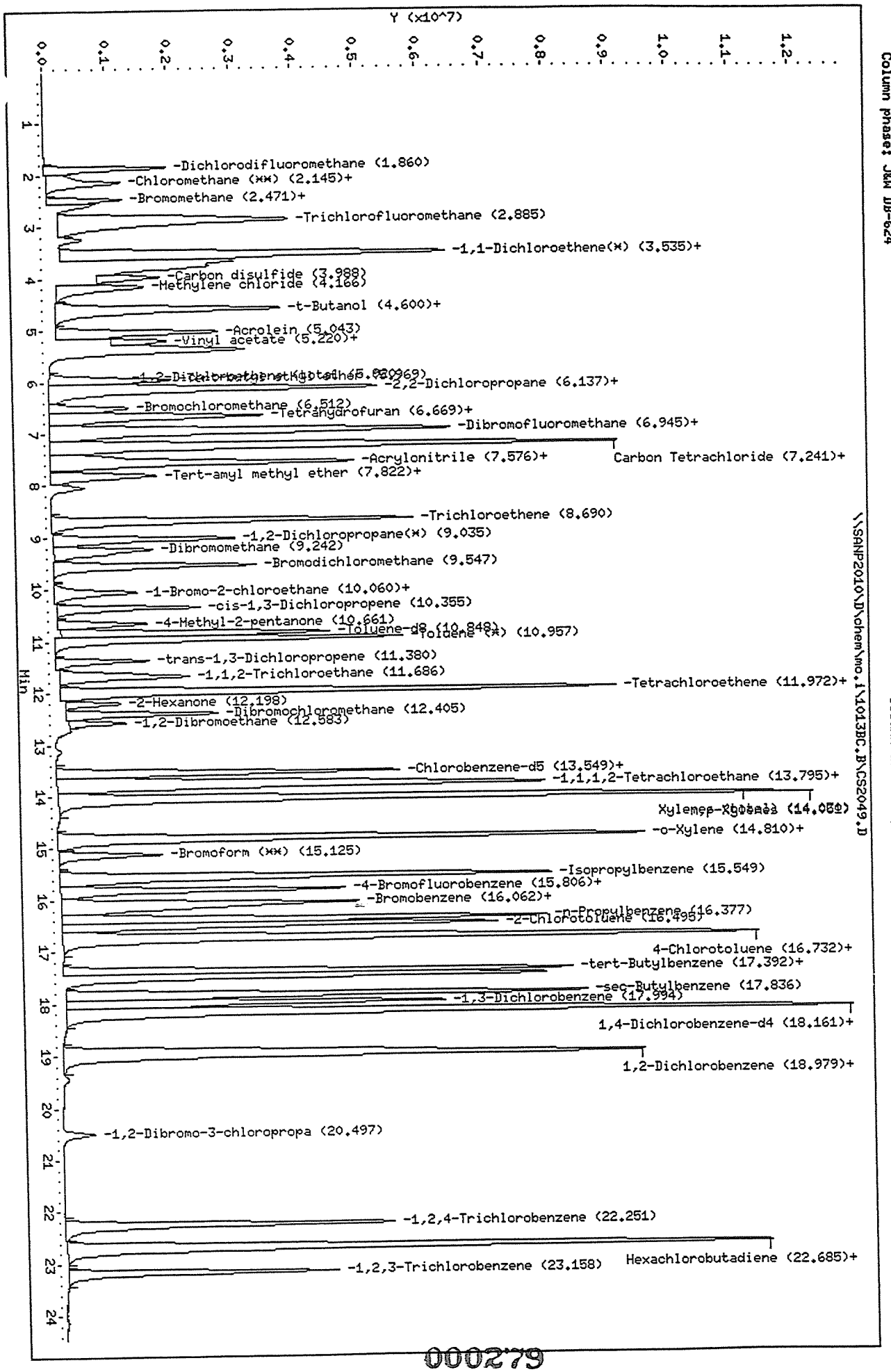
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	63 Styrene	104	14.830	14.830	(1.099)	7342583	100.000	93.43
	64 Bromoform (**)	173	15.125	15.125	(1.120)	2527657	100.000	104.1(A)
	65 Isopropylbenzene	105	15.549	15.549	(1.152)	19101112	100.000	101.8(A)
$	66 4-Bromofluorobenzene	95	15.806	15.806	(1.171)	5448404	100.000	84.25
	67 4-Bromofluorobenzene-2nd	174	15.815	15.815	(1.172)	4565591	100.000	83.37
	68 Bromobenzene	156	16.062	16.062	(0.886)	4630916	100.000	103.6(A)
	69 1,1,2,2-Tetrachloroethane(**)	83	16.141	16.141	(0.890)	2041163	100.000	95.20
	70 1,2,3-Trichloropropane	110	16.180	16.180	(0.892)	547142	100.000	96.55
	71 n-Propylbenzene	91	16.377	16.377	(0.903)	21894451	100.000	115.5(A)
	72 2-Chlorotoluene	126	16.495	16.495	(0.910)	4011083	100.000	105.8(A)
	73 4-Chlorotoluene	126	16.712	16.712	(0.922)	3879784	100.000	105.1(A)
	74 1,3,5-Trimethylbenzene	105	16.752	16.752	(0.924)	14378432	100.000	108.6(A)
	75 tert-Butylbenzene	119	17.392	17.392	(0.959)	16218459	100.000	111.4(A)
	76 1,2,4-Trimethylbenzene	105	17.491	17.491	(0.965)	13953950	100.000	107.6(A)
	77 sec-Butylbenzene	105	17.836	17.836	(0.984)	22062135	100.000	113.6(A)
	78 1,3-Dichlorobenzene	146	17.994	17.994	(0.992)	8196277	100.000	102.9(A)
*	79 1,4-Dichlorobenzene-d4	152	18.131	18.131	(1.000)	466527	10.0000	
	80 p-Isopropyltoluene	119	18.151	18.151	(1.001)	17346104	100.000	107.3(A)
	81 1,4-Dichlorobenzene	146	18.181	18.181	(1.003)	7602010	100.000	118.4(A)
	82 1,2-Dichlorobenzene	146	18.910	18.910	(1.043)	6321529	100.000	98.30
	83 n-Butylbenzene	91	18.989	18.989	(1.047)	17841067	100.000	111.5(A)
	84 1,2-Dibromo-3-chloropropane	157	20.497	20.497	(1.130)	497352	100.000	119.1(A)
	85 1,2,4-Trichlorobenzene	180	22.251	22.251	(1.227)	6174722	100.000	104.4(A)
	86 Hexachlorobutadiene	225	22.675	22.675	(1.251)	8905628	100.000	110.7(A)
	87 Napthalene	128	22.714	22.714	(1.253)	3583460	100.000	95.73
	88 1,2,3-Trichlorobenzene	180	23.158	23.158	(1.277)	4296867	100.000	95.58

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2049.D
Date : 13-OCT-2000 19:30
Client ID:
Sample Info: 100PPB 8260BSTD,,5,0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 100400

INSTRUMENT ID: MSD

SAMPLES: E0J110284

STL Los Angel

GC/MS VOA Run Log

ch ID: _____

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

MSD	EM Set: 1706	Tune File: BFB	Seq File: 1004 AD
			Date: 10.4.00
nit. Cal ID: 8260BDA 9.6.00			

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
8:34	GFB	DT1561	50ng BFB	—	—	1ul	—	—	✓			1198-1
9:15		DS2512	50ppb 8260B STD	1	S	5g	1	132	N			1239-1 vinyl chl low
8:46		13	50ppb 8260B	1				137	N			
9:29		14	50ppb 8260B	1				77	N			
10:12		DT1562	50ng BFB	—	—	1ul	—	—	✓			
10:52		DS2515	50ppb 8260B	1	S	5g	1	148	—			STD 1242-2, IS1240-1, SUR1252-1
11:09		16	5ppb 8260B	2				141	—			~~1236-1~~
12:26		17	20ppb 8260B	3				151	—			sur 1238-1
12:58		18	100ppb 8260B	4				149	—			sur 1238-1
13:30		19	400ppb 8260B	5				149	—			Inst. Blank
14:02		D12712	MB	6				152	—			Second Source QC1235-2
14:34		13	100460AD1-LCS-S	7				151	—			
15:06												

000281

000088

Version 01/04/99

G:\FORMS\Run Log\MSV Runlog.DOC

BOE-C6-0166093

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 10/5/00

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

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
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
Cal Date :
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2021

Inst ID: md.i

Quant Type: ISTD
Cal File:
QC Sample: BFB

Compound Sublist: all.sub
Sample Matrix: WATER

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:

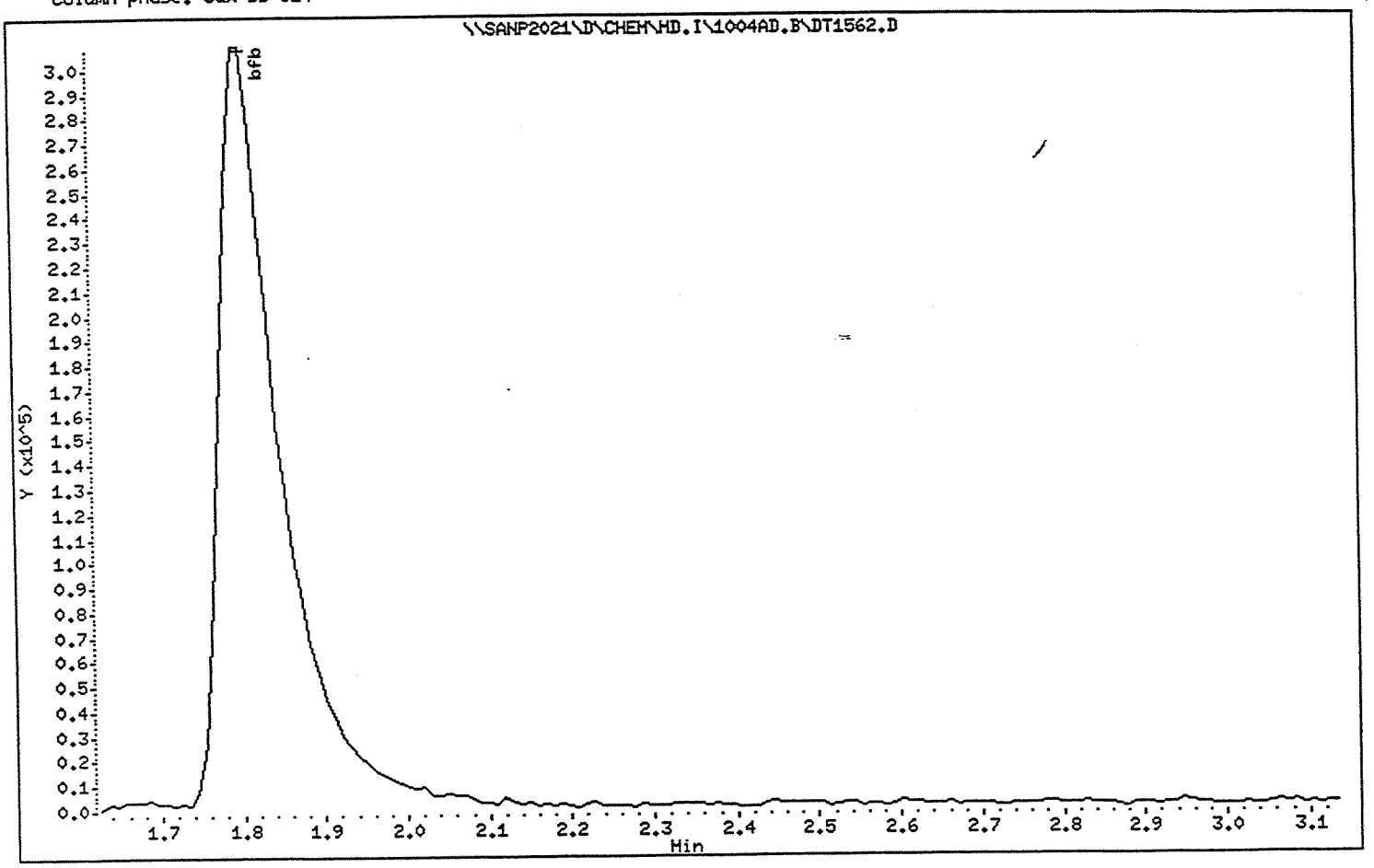
Instrument: md.i

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

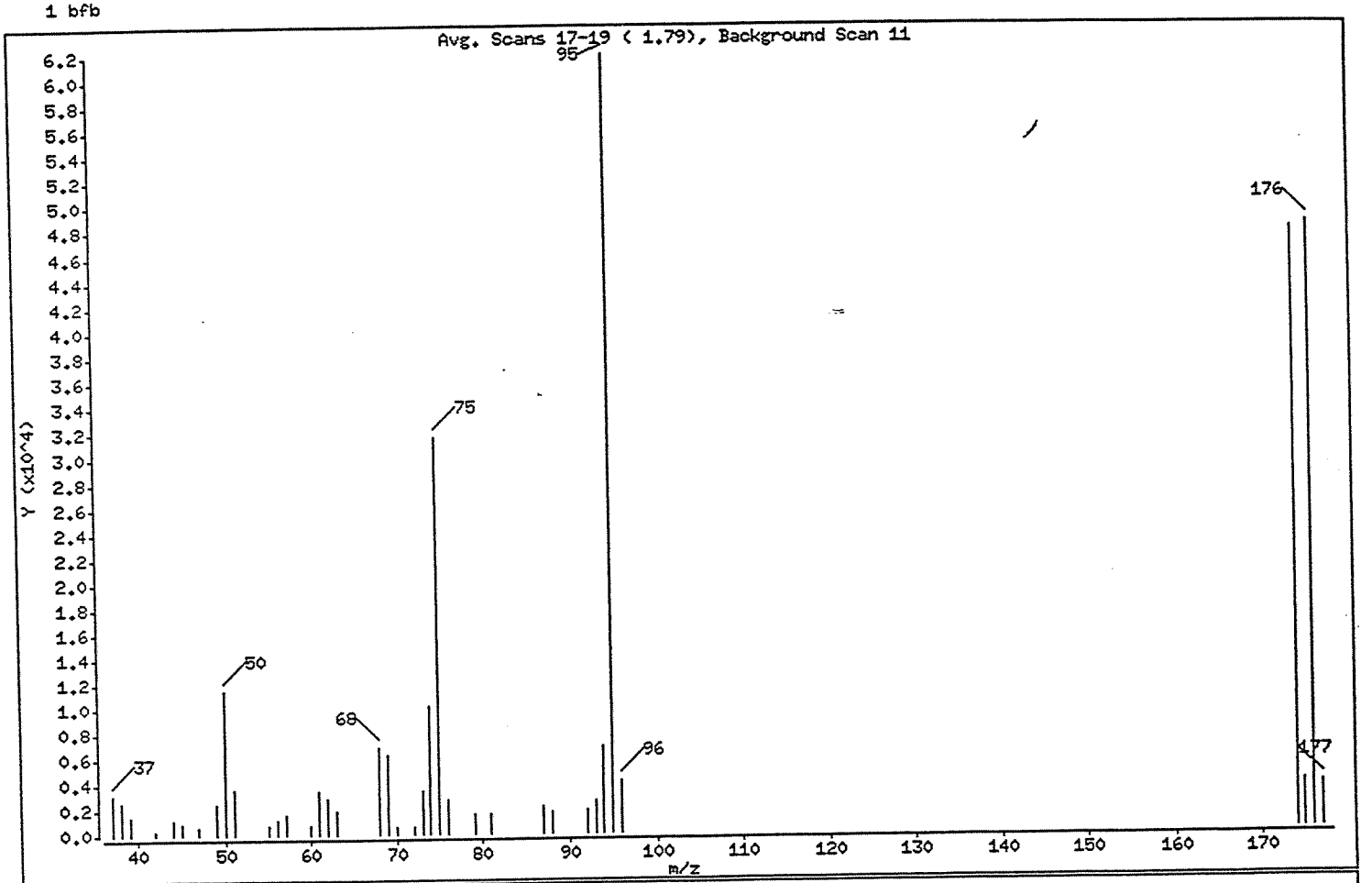
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

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.

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
Calibration Sample, Level: 3
Als bottle: 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	1.464	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

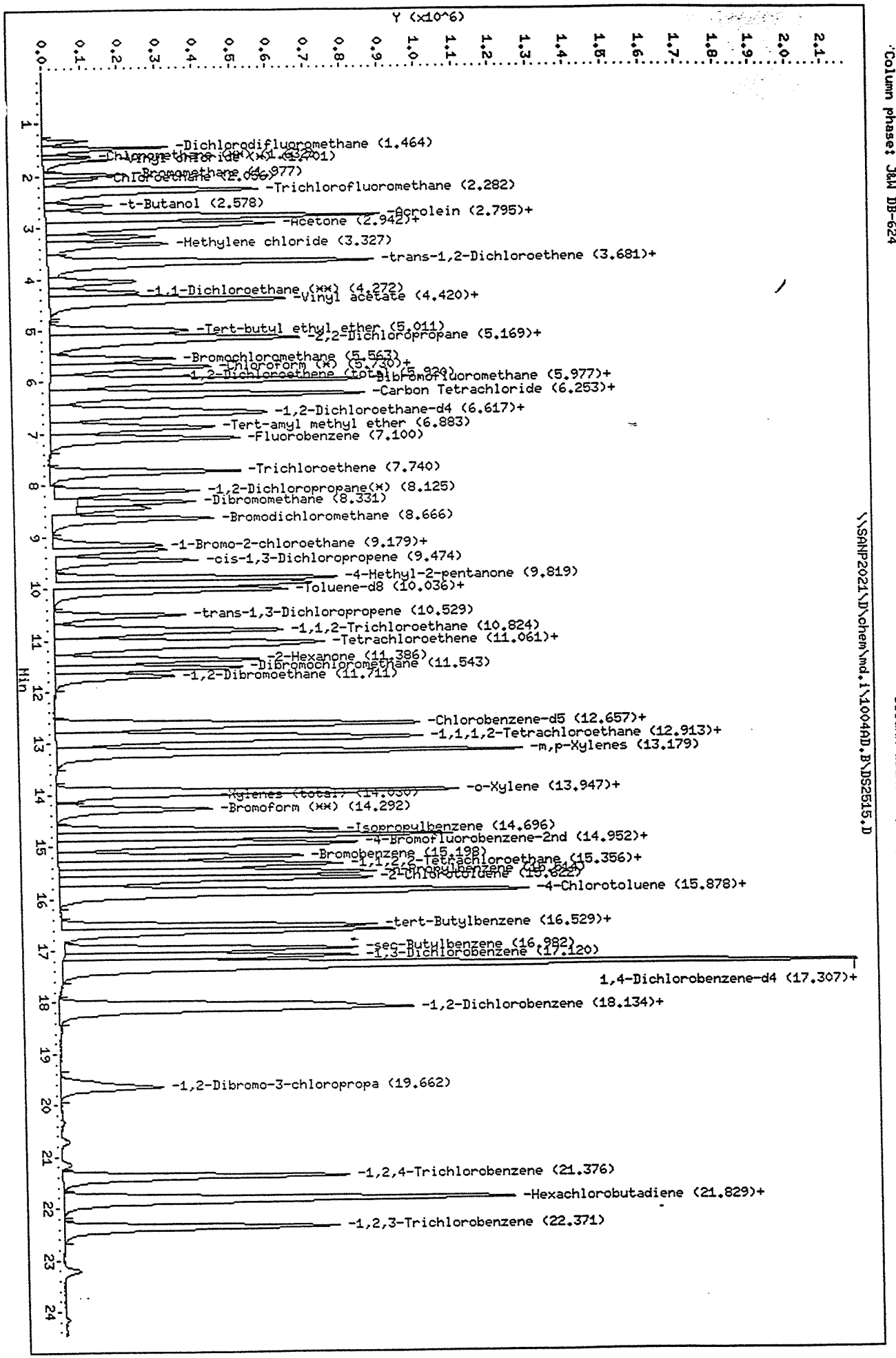
QC Flag Legend

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: CFB
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

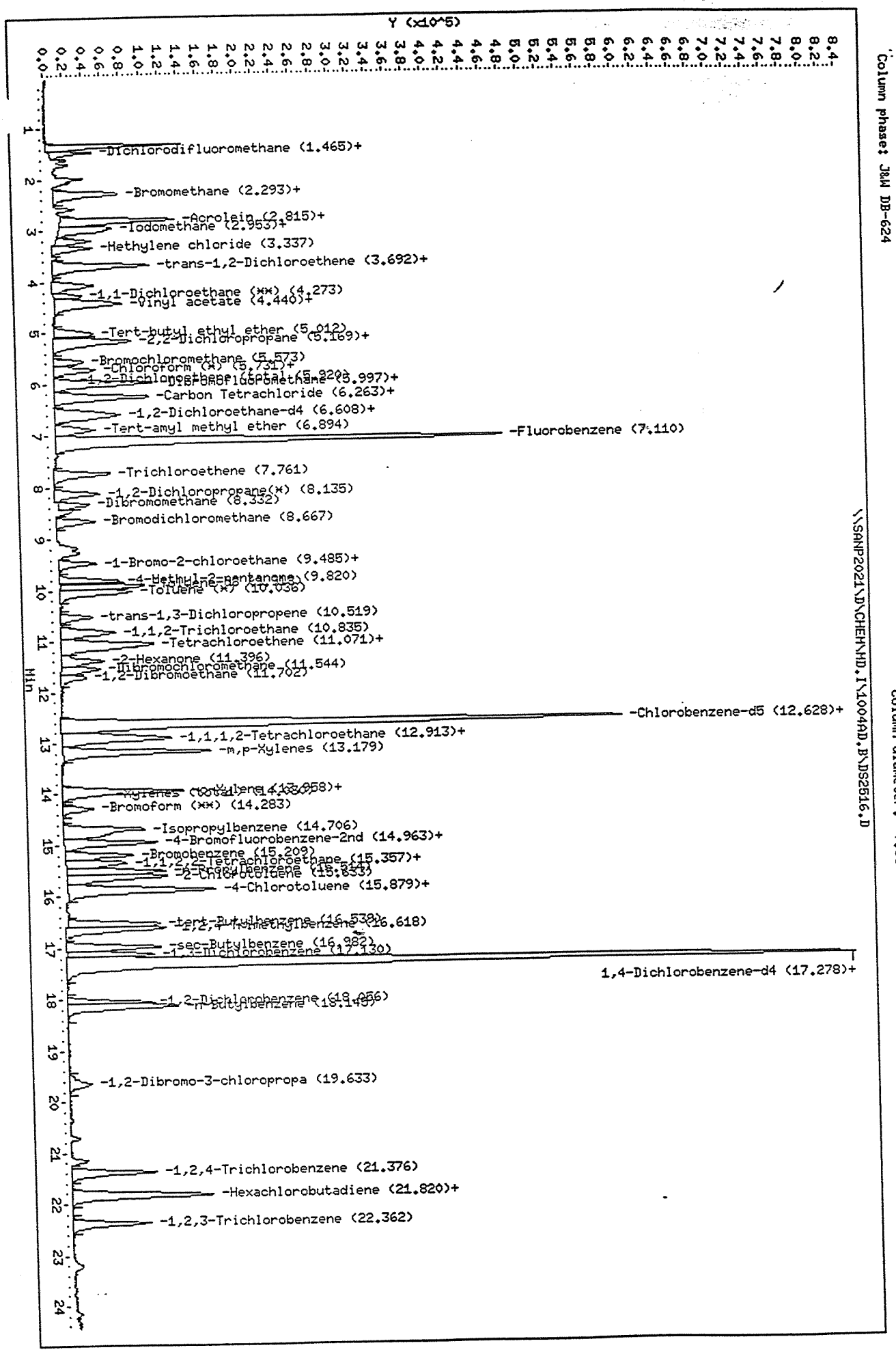
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.968	13.977	(1.106)	127973	5.00000	6.09
M	63 Xylenes (total)	100				249067	15.0000	19.11
	64 Bromoform (**)	173	14.283	14.282	(1.131)	59272	5.00000	4.62(aQ)
	65 Isopropylbenzene	105	14.687	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: GFB
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

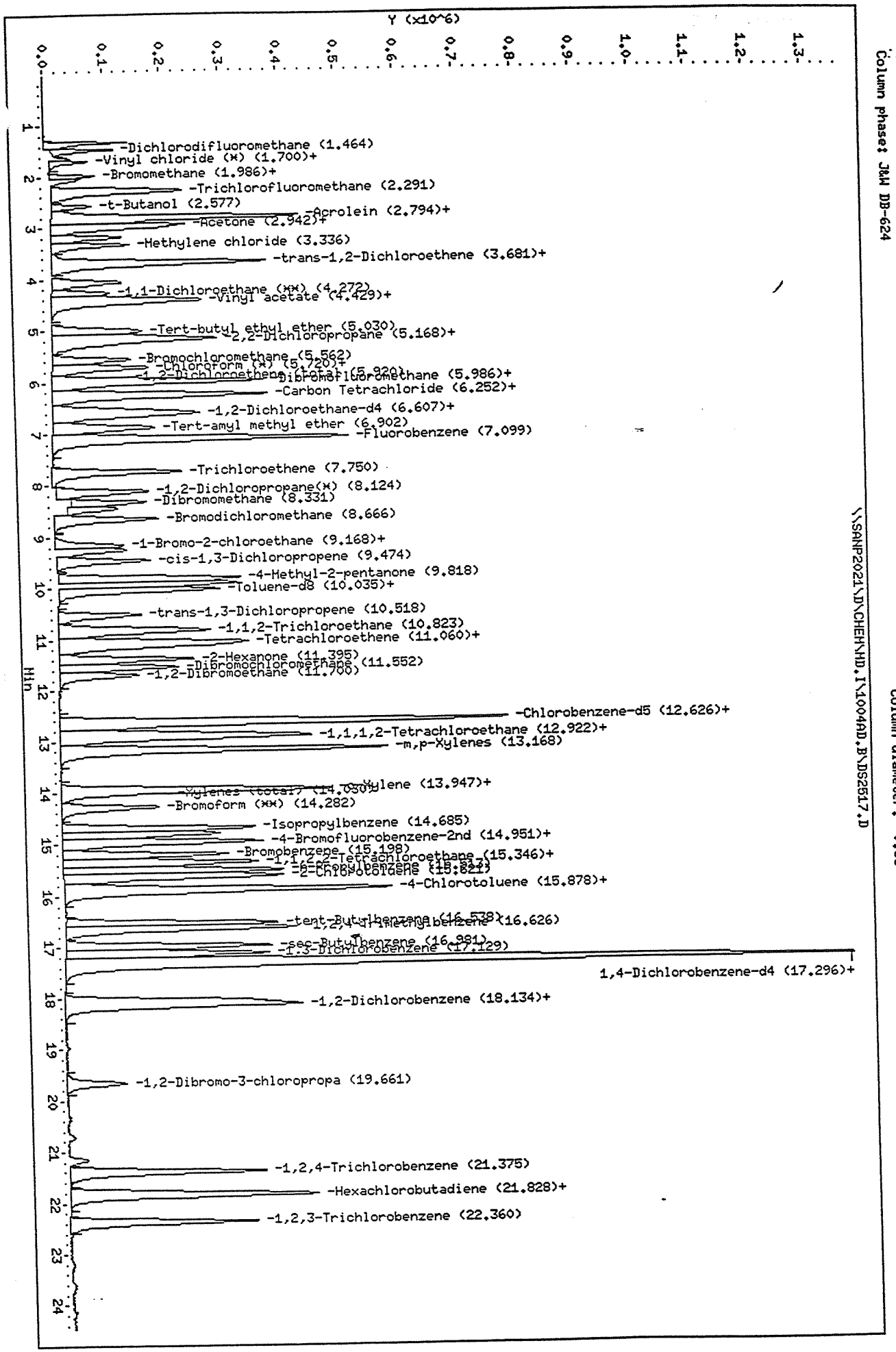
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)	
	62 Styrene	104	13.976	13.977	(1.107)	475476	20.0000	20.55	
M	63 Xylenes (total)	100				907733	60.0000	63.23	
	64 Bromoform (**)	173	14.282	14.282	(1.131)	313113	20.0000	22.17	
	65 Isopropylbenzene	105	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\CHEM\MD.I\1004AD.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

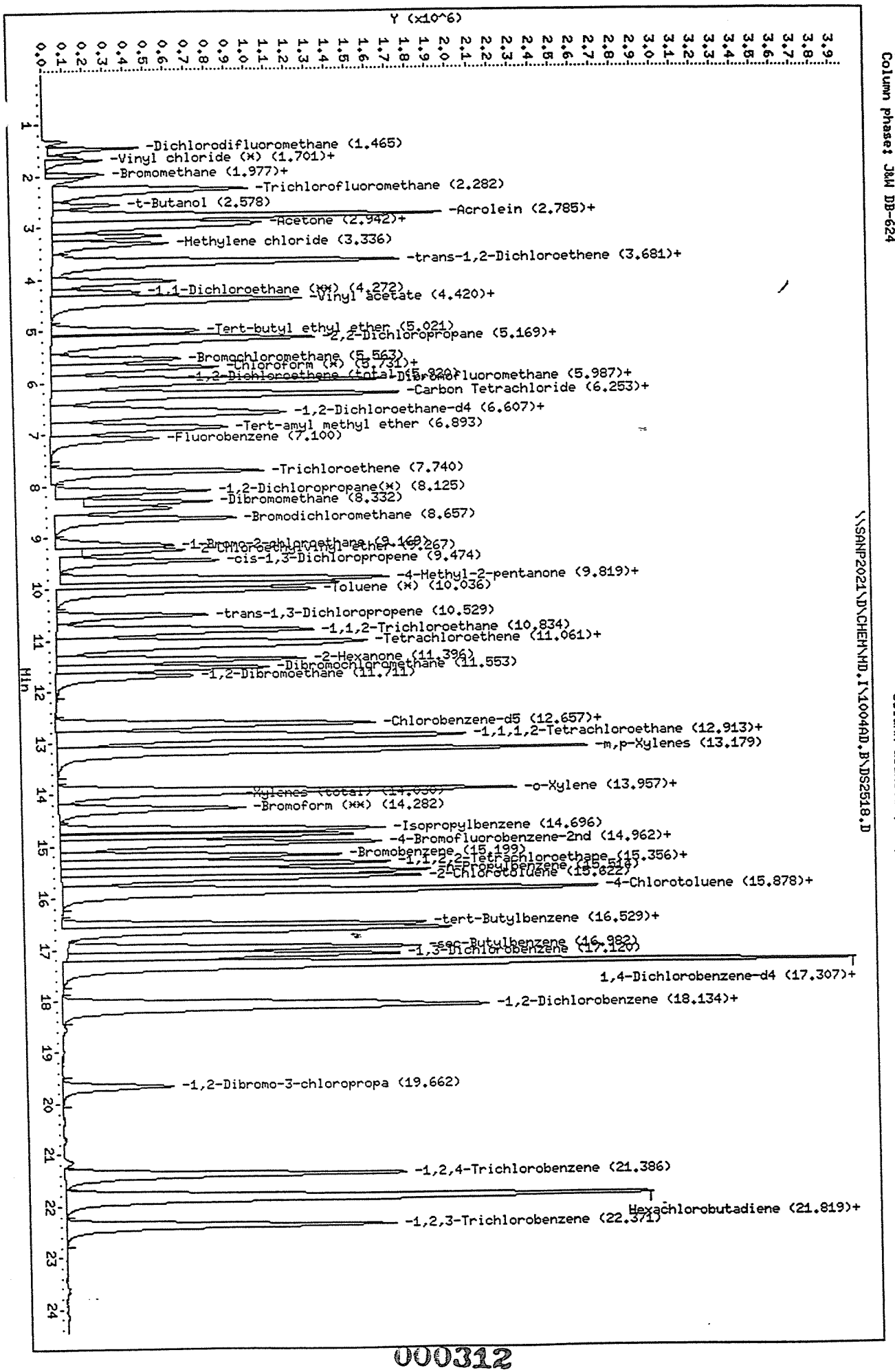
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
62 Styrene	104	13.967	13.977	(1.107)	2345211	100.000	101.3
M 63 Xylenes (total)	100				4180431	300.000	291.2
64 Bromoform (**)	173	14.282	14.282	(1.132)	1688328	100.000	119.5
65 Isopropylbenzene	105	14.696	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

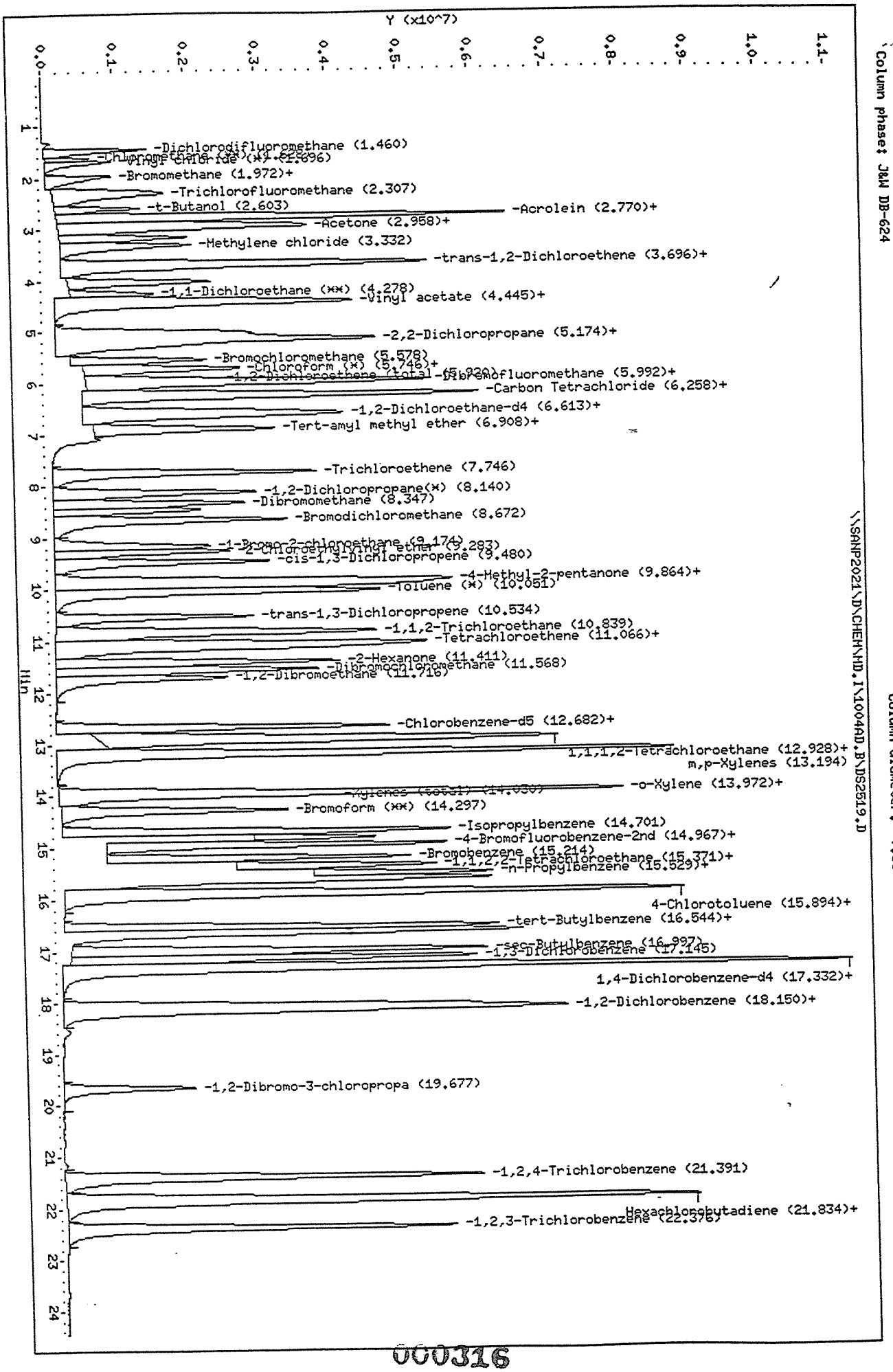
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

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



000316

BOE-C6-0166128

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 10 18 00

INSTRUMENT ID: MSG

SAMPLES: EOJ 110284

000317

STL Los Ange

GC/MS VOA Run Log

atch ID: _____

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

Inst ID: MSG | EM Set: 1741 | Tune File: BFB U | Seq File: 10/18/BG

Date: 10/18/2000 PM

Init. Cal ID: 8260BGS.M

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
18:36	AD	GT1364	50ng BFB			1µ			✓			MSVOA1198-1
18:55	↓	GS2290	50ppb8260B	1	S	5g	1.0	109	✓	✓		GASES high.
20:16		GS2291	50ppb8260B	2	↓	↓	↓	121	✓	✓		" "
20:59		GO9081	MB 10.18BG	1				102	✓			
21:34		GS2292	5ppb8260B	2				120	✓			IR53-2A; SDD1209-1
22:09		GS2293	5ppb8260B	3				119	✓			
22:44		GS2294	20ppb8260B	4				120	✓			
23:19		GS2295	50ppb8260B	5				124	✓			
23:54		GS2296	100ppb8260B	6				122	✓			
0:29		GS2297	400ppb8260B	7				117	✓			
1:04		GO9082	MB10.18BG	8				117	✓			
1:38	↓	GO9083	SECOND SOURCE	9	↓	↓	↓	121	✓			MSVOA1260-1

000318

BOE-C6-0166130

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 18-OCT-2000 22:09
End Cal Date : 19-OCT-2000 00:29
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2008\D\chem\mg.i\1018BG.B\8260BGS.M
Cal Date : 19-Oct-2000 18:49 beckmang
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2008\D\chem\mg.i\1018BG.B\GS2293.D
Level 2: \\SANP2008\D\chem\mg.i\1018BG.B\GS2294.D
Level 3: \\SANP2008\D\chem\mg.i\1018BG.B\GS2295.D
Level 4: \\SANP2008\D\chem\mg.i\1018BG.B\GS2296.D
Level 5: \\SANP2008\D\chem\mg.i\1018BG.B\GS2297.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	0.51676	0.48748	0.45568	0.44014	0.42096	0.46420	8.221	
2 Vinyl chloride (*)	0.37626	0.37643	0.35577	0.36635	0.32755	0.36047	5.625	
3 Chloromethane (**)	0.35139	0.36890	0.34790	0.33310	0.32700	0.34566	4.762	
4 Bromomethane	0.26191	0.19272	0.13853	0.12588	0.10778	0.16537	37.842	<-
5 Chloroethane	0.20389	0.20823	0.12079	0.08568	0.06958	0.13763	47.348	<-
6 Trichlorofluoromethane	0.72955	0.70117	0.62108	0.55883	0.16545	0.55521	41.068	<-
7 Acrolein	0.03125	0.03171	0.03041	0.02837	0.02208	0.02876	13.734	
8 1,1-Dichloroethene(*)	0.26493	0.28148	0.26237	0.25132	0.20203	0.25243	11.952	
9 1,1,2-Trichlorotrifluoroethan	0.40700	0.40017	0.36398	0.34958	0.27519	0.35918	14.691	
10 Acetone	0.12442	0.10316	0.09715	0.08457	0.07434	0.09673	19.733	
11 Iodomethane	0.44647	0.58204	0.58366	0.57303	0.47407	0.53186	12.446	
12 Carbon disulfide	1.28113	1.14825	1.04727	0.83761	0.68488	0.99982	23.927	
13 Methylene chloride	0.32310	0.32755	0.30599	0.30346	0.28055	0.30813	6.047	
14 t-Butanol	0.00768	0.00885	0.00893	0.00775	0.00695	0.00803	10.492	
15 trans-1,2-Dichloroethene	0.31838	0.31915	0.30128	0.29824	0.28040	0.30349	5.294	
16 Acrylonitrile	0.09436	0.08975	0.08758	0.07918	0.07442	0.08506	9.523	
17 Methyl-tert-butyl ether[MTBE]	0.89895	0.88464	0.84728	0.80915	0.74062	0.83613	7.628	
18 1,1-Dichloroethane (**)	0.72817	0.72336	0.69333	0.66797	0.62894	0.68835	5.982	
19 Vinyl acetate	1.33670	1.30428	1.18133	1.16408	1.05853	1.20899	9.322	
20 Isopropyl ether	1.73978	1.64863	1.57451	1.50083	1.37254	1.56726	8.954	
21 2,2-Dichloropropane	0.61639	0.60879	0.55898	0.53205	0.48944	0.56113	9.479	
22 Tert-butyl ethyl ether	1.30142	1.32271	1.26374	1.22096	1.16068	1.25390	5.178	
23 cis-1,2-Dichloroethene	0.30811	0.34961	0.32712	0.32249	0.30330	0.32212	5.664	
24 2-Butanone	0.23920	0.20856	0.19654	0.16928	0.16817	0.19635	15.091	
25 Bromochloromethane	0.18159	0.19733	0.18939	0.18645	0.18036	0.18702	3.647	
26 Chloroform (*)	0.76632	0.74605	0.68525	0.67195	0.64138	0.70219	7.447	

10-24-00

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 18-OCT-2000 22:09
End Cal Date : 19-OCT-2000 00:29
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2008\D\chem\mg.i\1018BG.B\8260BGS.M
Cal Date : 19-Oct-2000 18:49 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	0.15013	0.14234	0.13686	0.11982	0.11885	0.13360	10.369	
M	28 1,2-Dichloroethene (total)	0.31324	0.33438	0.31420	0.31037	0.29185	0.31281	4.830	
	30 1,1,1-Trichloroethane	0.61972	0.60535	0.56631	0.54275	0.51248	0.56932	7.748	
	31 Carbon Tetrachloride	0.58675	0.56492	0.50810	0.49221	0.45936	0.52227	10.058	
	32 1,1-Dichloropropene	0.61876	0.59103	0.52337	0.49771	0.45698	0.53757	12.387	
	34 1,2-Dichloroethane-d4 2nd	0.01110	0.08651	0.09240	0.09158	0.07824	0.07197	47.925	<-
	35 Benzene	1.10630	1.07870	1.00998	0.96756	0.78153	0.98881	12.966	
	36 1,2-Dichloroethane	0.56807	0.55330	0.52157	0.49994	0.43306	0.51519	10.302	
	37 Tert-amyl methyl ether	1.00024	1.07600	1.04456	1.03058	0.85431	1.00114	8.638	
	39 Trichloroethene	0.37831	0.39132	0.37944	0.37176	0.35173	0.37451	3.887	
	40 1,2-Dichloropropane(*)	0.45882	0.49120	0.47203	0.45708	0.43410	0.46264	4.539	
	41 Dibromomethane	0.34051	0.36591	0.34484	0.33761	0.30079	0.33793	6.966	
	42 Bromodichloromethane	0.78295	0.79263	0.73355	0.71013	0.66029	0.73591	7.387	
	43 1-Bromo-2-chloroethane	1.01917	0.91830	0.88282	0.84778	0.72698	0.87901	12.106	
	44 2-Chloroethylvinyl ether	0.01041	0.05530	0.05781	0.05878	0.06041	0.04854	44.080	<-
	45 cis-1,3-Dichloropropene	0.60266	0.62025	0.60681	0.59805	0.57990	0.60154	2.437	
	46 4-Methyl-2-pentanone	0.54399	0.53335	0.49035	0.44645	0.39265	0.48136	13.055	
	48 Toluene (*)	1.51864	1.48017	1.38572	1.37143	1.28467	1.40813	6.595	
	49 trans-1,3-Dichloropropene	0.59422	0.67747	0.70021	0.70253	0.69488	0.67386	6.766	
	50 1,1,2-Trichloroethane	0.49559	0.48776	0.46945	0.46778	0.43691	0.47150	4.811	
	51 Tetrachloroethene	0.42600	0.45938	0.42196	0.42915	0.39210	0.42572	5.619	
	52 1,3-Dichloropropane	0.88972	0.89420	0.85531	0.84149	0.78076	0.85229	5.377	
	53 2-Hexanone	0.50526	0.50437	0.47492	0.44365	0.39430	0.46450	10.053	
	54 Dibromochloromethane	0.80334	0.77998	0.75609	0.75459	0.69525	0.75785	5.316	
	55 1,2-Dibromoethane	0.67475	0.68561	0.65389	0.65637	0.61682	0.65749	3.993	
	57 Chlorobenzene (**)	1.01582	1.01607	0.94813	0.95414	0.89780	0.96640	5.200	
	58 1,1,1,2-Tetrachloroethane	0.56241	0.55206	0.51831	0.51648	0.48161	0.52618	6.103	
	59 Ethylbenzene (*)	0.45426	0.49424	0.45654	0.47155	0.41266	0.45785	6.524	
	60 m,p-Xylenes	0.58815	0.59661	0.50837	0.56127	0.49693	0.55027	8.280	
	61 o-Xylene	0.51768	0.51295	0.49569	0.56004	0.50347	0.51797	4.828	
	62 Styrene	0.91955	0.87216	0.83927	0.94055	0.83940	0.88219	5.248	
M	63 Xylenes (total)	0.56466	0.56872	0.50414	0.56086	0.49911	0.53950	6.437	
	64 Bromoform (**)	0.58763	0.53039	0.52347	0.56373	0.53314	0.54767	4.959	

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 18-OCT-2000 22:09
End Cal Date : 19-OCT-2000 00:29
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2008\D\chem\mg.i\1018BG.B\8260BGS.M
Cal Date : 19-Oct-2000 18:49 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	1.63476	1.54796	1.47298	1.65229	1.44797	1.55119	5.942
66 4-Bromofluorobenzene-2nd	0.89768	0.94507	0.88729	0.94322	0.98407	0.93147	4.221
68 Bromobenzene	0.87062	0.89755	0.86487	0.89312	0.93835	0.89290	3.251
69 1,1,2,2-Tetrachloroethane(**)	1.70815	1.54194	1.42941	1.42151	1.44860	1.50992	8.001
70 1,2,3-Trichloropropane	0.32375	0.35619	0.35748	0.35093	0.36692	0.35105	4.648
71 n-Propylbenzene	4.15204	3.98887	3.62848	3.75708	3.67294	3.83988	5.810
72 2-Chlorotoluene	0.68845	0.67531	0.66036	0.69133	0.64743	0.67258	2.775
73 4-Chlorotoluene	0.57957	0.67074	0.64875	0.66361	0.69418	0.65137	6.656
74 1,3,5-Trimethylbenzene	2.62360	2.53569	2.35379	2.39868	2.31429	2.44521	5.319
75 tert-Butylbenzene	2.42744	2.51668	2.37488	2.39250	2.44090	2.43048	2.261
76 1,2,4-Trimethylbenzene	2.57862	2.52143	2.34258	2.38275	2.42107	2.44929	4.008
77 sec-Butylbenzene	3.42690	3.48196	3.22828	3.26653	3.08704	3.29814	4.813
78 1,3-Dichlorobenzene	1.60003	1.51365	1.36246	1.38979	1.35032	1.44325	7.555
80 1,4-Dichlorobenzene	1.62865	1.56968	1.43622	1.43542	1.32439	1.47887	8.160
81 p-Isopropyltoluene	2.82074	2.66547	2.41034	2.44434	2.22434	2.51305	9.258
82 1,2-Dichlorobenzene	1.40444	1.42596	1.35630	1.33945	1.32721	1.37067	3.110
83 n-Butylbenzene	2.79204	2.75800	2.44320	2.58611	2.38595	2.59306	7.011
84 1,2-Dibromo-3-chloropropane	0.23178	0.37195	0.39103	0.33700	0.38399	0.34315	19.127
85 1,2,4-Trichlorobenzene	0.89963	1.05260	0.98018	0.94606	1.06376	0.98845	7.071
86 Hexachlorobutadiene	0.74299	0.84771	0.77493	0.72316	0.76380	0.77052	6.164
87 Napthalene	1.79854	1.96990	1.95261	1.76353	1.87297	1.87151	4.871
88 1,2,3-Trichlorobenzene	0.87081	1.04745	0.99853	0.93631	1.02609	0.97584	7.383
$ 29 Dibromofluoromethane	0.59337	0.61022	0.57062	0.55828	0.54685	0.57587	4.483
$ 33 1,2-Dichloroethane-d4	0.45567	0.50015	0.48055	0.45547	0.39235	0.45684	8.892
$ 47 Toluene-d8	1.32905	1.32019	1.23179	1.21323	1.07783	1.23442	8.230
$ 67 4-Bromofluorobenzene	1.71246	1.65335	1.54219	1.64833	1.63406	1.63808	3.748

Data File: \\SANP2008\D\chem\mg.i\1018BG.B/GS2297.D
Report Date: 10/19/2000

INITIAL CALIBRATION REPORT

Instrument ID: mg.i
Lab File ID: GS2297.D
Analysis Type: SOIL

Injection Date: 19-OCT-2000 00:29
Lab Sample ID: 400 PPB 8260B
Method File: \\SANP2008\D\chem\mg.i\1018BG.B\8260BGS.

COMPOUND	%RSD
Dichlorodifluoromethane	8.2
Vinyl chloride (*)	5.6
Chloromethane (**)	4.8
Bromomethane	37.8
Chloroethane	47.3
Trichlorofluoromethane	41.1
1,1,2-Trichlorotrifluoroethan	14.7
Acrolein	13.7
1,1-Dichloroethene(*)	12.0
Iodomethane	12.4
Carbon disulfide	23.9
Acetone	19.7
Methylene chloride	6.0
trans-1,2-Dichloroethene	5.3
Acrylontrile	5.3
Methyl-tert-butyl ether[MTBE]	7.6
t-Butanol	10.5
1,1-Dichloroethane (**)	6.0
Vinyl acetate	9.3
Isopropyl ether	9.0
Tert-butyl ethyl ether	5.2
2,2-Dichloropropane	9.5
cis-1,2-Dichloroethene	5.7
2-Butanone	15.1
Bromochloromethane	3.6
Chloroform (*)	7.4
Tetrahydrofuran	10.4
1,2-Dichloroethene (total)	4.8
1,1,1-Trichloroethane	7.7
Dibromofluoromethane	4.5
Carbon Tetrachloride	10.1
1,1-Dichloropropene	12.4
1,2-Dichloroethane-d4 2nd	47.9
1,2-Dichloroethane-d4	8.9
Benzene	13.0
1,2-Dichloroethane	10.3
Tert-amyl methyl ether	8.6
Trichloroethene	3.9
1,2-Dichloropropane(*)	4.5

Data File: \\SANP2008\D\chem\mg.i\1018BG.B/GS2297.D
Report Date: 10/19/2000

INITIAL CALIBRATION REPORT

Instrument ID: mg.i
Lab File ID: GS2297.D
Analysis Type: SOIL

Injection Date: 19-OCT-2000 00:29
Lab Sample ID: 400 PPB 8260B
Method File: \\SANP2008\D\chem\mg.i\1018BG.B\8

COMPOUND	%RSD
Dibromomethane	7.0
Bromodichloromethane	7.4
1-Bromo-2-chloroethane	12.1
2-Chloroethylvinyl ether	44.1
cis-1,3-Dichloropropene	2.4
4-Methyl-2-pentanone	13.1
Toluene-d8	8.2
Toluene (*)	6.6
trans-1,3-Dichloropropene	6.8
1,1,2-Trichloroethane	4.8
Tetrachloroethene	5.6
1,3-Dichloropropane	5.4
2-Hexanone	10.1
Dibromochloromethane	5.3
1,2-Dibromoethane	4.0
Chlorobenzene (**)	5.2
1,1,1,2-Tetrachloroethane	6.1
Ethylbenzene (*)	6.5
m,p-Xylenes	8.3
o-Xylene	4.8
Styrene	5.2
Xylenes (total)	6.4
Bromoform (**)	5.0
Isopropylbenzene	5.9
4-Bromofluorobenzene	3.7
4-Bromofluorobenzene-2nd	4.2
Bromobenzene	3.3
1,1,2,2-Tetrachloroethane(**)	8.0
1,2,3-Trichloropropane	4.6
n-Propylbenzene	5.8
2-Chlorotoluene	2.8
4-Chlorotoluene	6.7
1,3,5-Trimethylbenzene	5.3
tert-Butylbenzene	2.3
1,2,4-Trimethylbenzene	4.0
sec-Butylbenzene	4.8
1,3-Dichlorobenzene	7.6
p-Isopropyltoluene	9.3
1,4-Dichlorobenzene	8.2

Data File: \\SANP2008\D\chem\mg.i\1018BG.B/GS2297.D
Report Date: 10/19/2000

INITIAL CALIBRATION REPORT

Instrument ID: mg.i
Lab File ID: GS2297.D
Analysis Type: SOIL

Injection Date: 19-OCT-2000 00:29
Lab Sample ID: 400 PPB 8260B
Method File: \\SANP2008\D\chem\mg.i\1018BG.B\8

COMPOUND	%RSD
1,2-Dichlorobenzene	3.1
n-Butylbenzene	7.0
1,2-Dibromo-3-chloropropane	19.1
1,2,4-Trichlorobenzene	7.1
Hexachlorobutadiene	6.2
Napthalene	4.9
1,2,3-Trichlorobenzene	7.4

The average of all %RSD's in the initial calibration is 9.7

10-24-00

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: GS2293.D
Lab Smp Id: 5 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2008\D\chem\mg.i\1018BG.B\8260BGS.m
Misc Info: 53-2A;59-1,,5,,1,1-8260B.SUB

Calibration Date: 19-OCT-2000
Calibration Time: 01:38

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1210205	605103	2420410	1196596	-1.12
56 Chlorobenzene-d5	862715	431358	1725430	877809	1.75
79 1,4-Dichlorobenze	449080	224540	898160	487411	8.54

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.08	6.58	7.58	7.09	0.11
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	-0.02
79 1,4-Dichlorobenze	17.23	16.73	17.73	17.24	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: mg.i
Lab File ID: GS2294.D
Lab Smp Id: 20 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2008\D\CHEM\MG.I\1018BG.B\8260BGS.m
Misc Info: 53-2A;59-1,,5,,1,1-8260B.SUB

Calibration Date: 18-OCT-2000
Calibration Time: 20:16

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1216034	608017	2432068	1202090	-1.15
56 Chlorobenzene-d5	898885	449443	1797770	892327	-0.73
79 1,4-Dichlorobenze	455504	227752	911008	467746	2.69

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.07	6.57	7.57	7.09	0.18
56 Chlorobenzene-d5	12.59	12.09	13.09	12.59	-0.05
79 1,4-Dichlorobenze	17.23	16.73	17.73	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: GS2295.D
Lab Smp Id: 50 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2008\D\CHEM\MG.I\1018BG.B\8260BGS.m
Misc Info: 53-2A;59-1,,5,,1,1-8260B.SUB

Calibration Date: 18-OCT-2000
Calibration Time: 23:19

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1248208	624104	2496416	1248208	0.00
56 Chlorobenzene-d5	901954	450977	1803908	901954	0.00
79 1,4-Dichlorobenze	473592	236796	947184	473592	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.08	6.58	7.58	7.08	0.00
56 Chlorobenzene-d5	12.59	12.09	13.09	12.59	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: GS2296.D
Lab Smp Id: 100 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2008\D\CHEM\MG.I\1018BG.B\8260BGS.m
Misc Info: 53-2A;59-1,,5,,1,1-8260B.SUB

Calibration Date: 18-OCT-2000
Calibration Time: 23:19

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1248208	624104	2496416	1225143	-1.85
56 Chlorobenzene-d5	901954	450977	1803908	882744	-2.13
79 1,4-Dichlorobenze	473592	236796	947184	491301	3.74

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.08	6.58	7.58	7.07	-0.14
56 Chlorobenzene-d5	12.59	12.09	13.09	12.59	0.00
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.23	-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: mg.i
Lab File ID: GS2297.D
Lab Smp Id: 400 PPB 8260B
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2008\D\CHEM\MG.I\1018BG.B\8260BGS.m
Misc Info: 53-2A;59-1,,5,,1,1-8260B.SUB

Calibration Date: 18-OCT-2000
Calibration Time: 23:19

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1248208	624104	2496416	1179231	-5.53
56 Chlorobenzene-d5	901954	450977	1803908	845289	-6.28
79 1,4-Dichlorobenze	473592	236796	947184	402771	-14.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.08	6.58	7.58	7.07	-0.12
56 Chlorobenzene-d5	12.59	12.09	13.09	12.60	0.09
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.

Injection Log

Directory: d:\chem\mg.i\1018bg.b

Lin	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	gt1364.d	1.	50ng bfb,,,,,,bfb.M	1198-1,,,3,all.SUB	18 Oct 00 18:36
2	1	gs2290.d	1.	50 PPB 8260B,,,3,0,,,8260BGS.M	1251-2;53-2A;B,,5,,2,1-8260B.SUB	18 Oct 00 18:55
3	2	gs2291.d	1.	50 PPB 8260B,,,3,0,,,8260BGS.M	1251-2;53-2A;B,,5,,2,1-8260B.SUB	18 Oct 00 20:16
4	1	g09081.d	1.	MB-101800,BLANK,2,,0,1,0,8260BGS.M,G090	,,5,,3,1-8260B.SUB	18 Oct 00 20:59
5	2	gs2292.d	1.	5 PPB 8260B,,,1,0,,,8260BGS.M	53-2A;59-1,,5,,1,1-8260B.SUB	18 Oct 00 21:34
6	3	gs2293.d	1.	5 PPB 8260B,,,1,0,,,8260BGS.M	53-2A;59-1,,5,,1,1-8260B.SUB	18 Oct 00 22:09
7	4	gs2294.d	1.	20 PPB 8260B,,,2,0,,,8260BGS.M	53-2A;59-1,,5,,1,1-8260B.SUB	18 Oct 00 22:44
8	5	gs2295.d	1.	50 PPB 8260B,,,3,0,,,8260BGS.M	53-2A;59-1,,5,,1,1-8260B.SUB	18 Oct 00 23:19
9	6	gs2296.d	1.	100 PPB 8260B,,,4,0,,,8260BGS.M	53-2A;59-1,,5,,1,1-8260B.SUB	18 Oct 00 23:54
10	7	gs2297.d	1.	400 PPB 8260B,,,5,0,,,8260BGS.M	53-2A;59-1,,5,,1,1-8260B.SUB	19 Oct 00 00:29
11	8	g09082.d	1.	MB-101800,BLANK,2,,0,1,0,8260BGS.M,G090	,,5,,3,1-8260B.SUB	19 Oct 00 01:04
12	9	g09083.d	1.	2ndSrc,,,3,0,1,0,8260BGS.M,G09083	1160-1,,5,,2,1-8260B.SUB	19 Oct 00 01:38

000330

STL Los Angeles

Data file : \\SANP2008\D\CHEM\MG.I\1018BG.B\GT1364.D
Lab Smp Id:
Inj Date : 18-OCT-2000 18:36
Operator : AD Inst ID: mg.i
Smp Info : 50ng bfb,,,,,,bfb.M
Misc Info : 1198-1,,,3,all.SUB
Comment :
Method : \\SANP2008\D\CHEM\MG.I\1018BG.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		
1.7905	1.8000	(0.000)	95	61237			0.00- 100.00	100.00
1.7905	1.8000	(0.000)	50	13552			15.00- 40.00	22.13
1.7905	1.8000	(0.000)	75	31008			30.00- 60.00	50.64
1.7905	1.8000	(0.000)	96	4724			5.00- 9.00	7.71
1.7905	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7905	1.8000	(0.000)	174	38968			50.00- 0.00	63.63
1.7905	1.8000	(0.000)	175	3180			5.00- 9.00	8.16
1.7905	1.8000	(0.000)	176	39202			95.00- 101.00	100.60
1.7905	1.8000	(0.000)	177	2694			5.00- 9.00	6.87

10/18/2000

10-24-00

Data File: \\SANP2008\D\CHEM\MG.I\1018BG.B\GT1364.D

Date : 18-OCT-2000 18:36

Client ID:

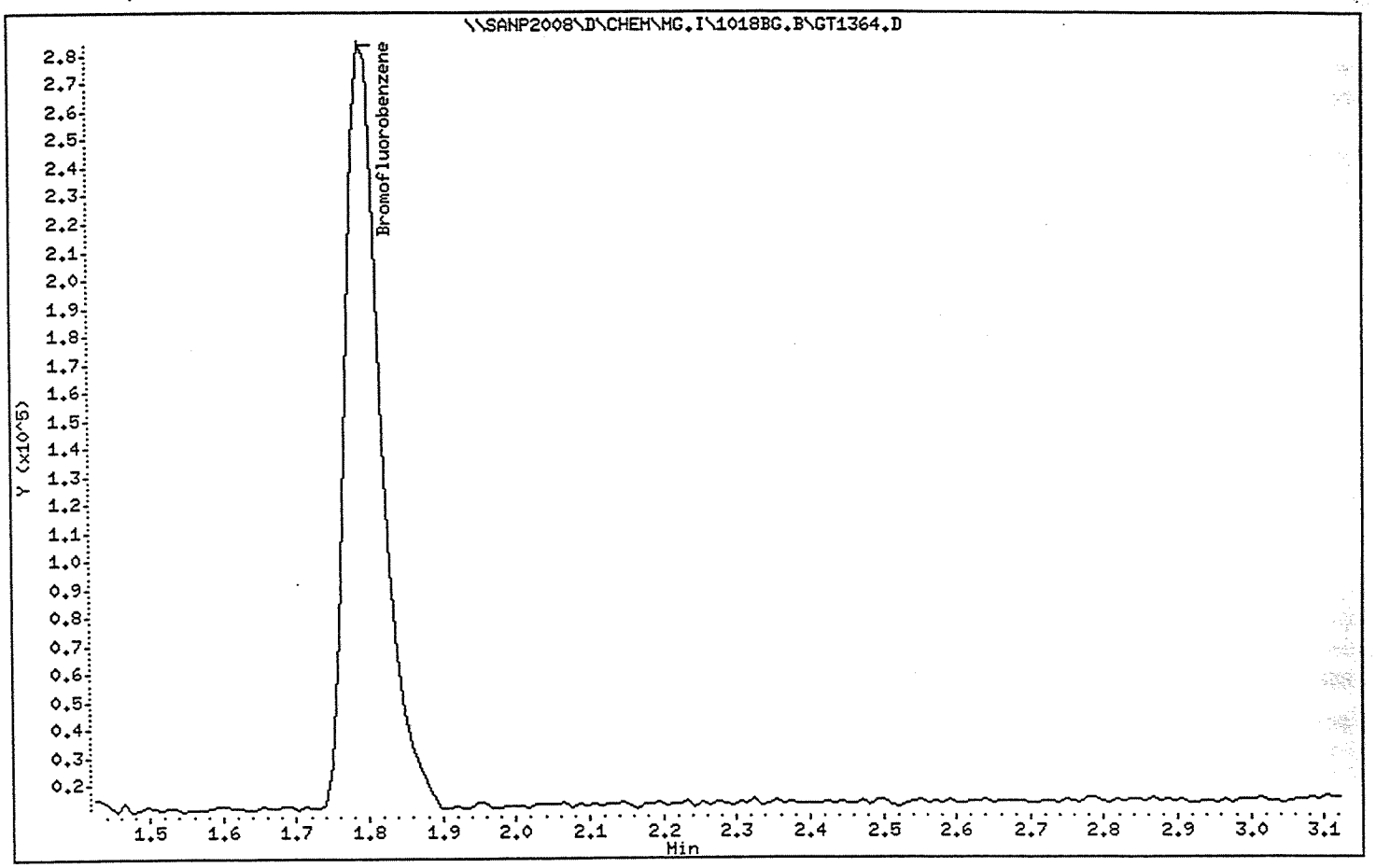
Instrument: mg.i

Sample Info: 50ng bfb,,,,,,bfb.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2008\D\CHEM\MG.I\1018BG.B\GT1364.D

Date : 18-OCT-2000 18:36

Client ID:

Instrument: mg.i

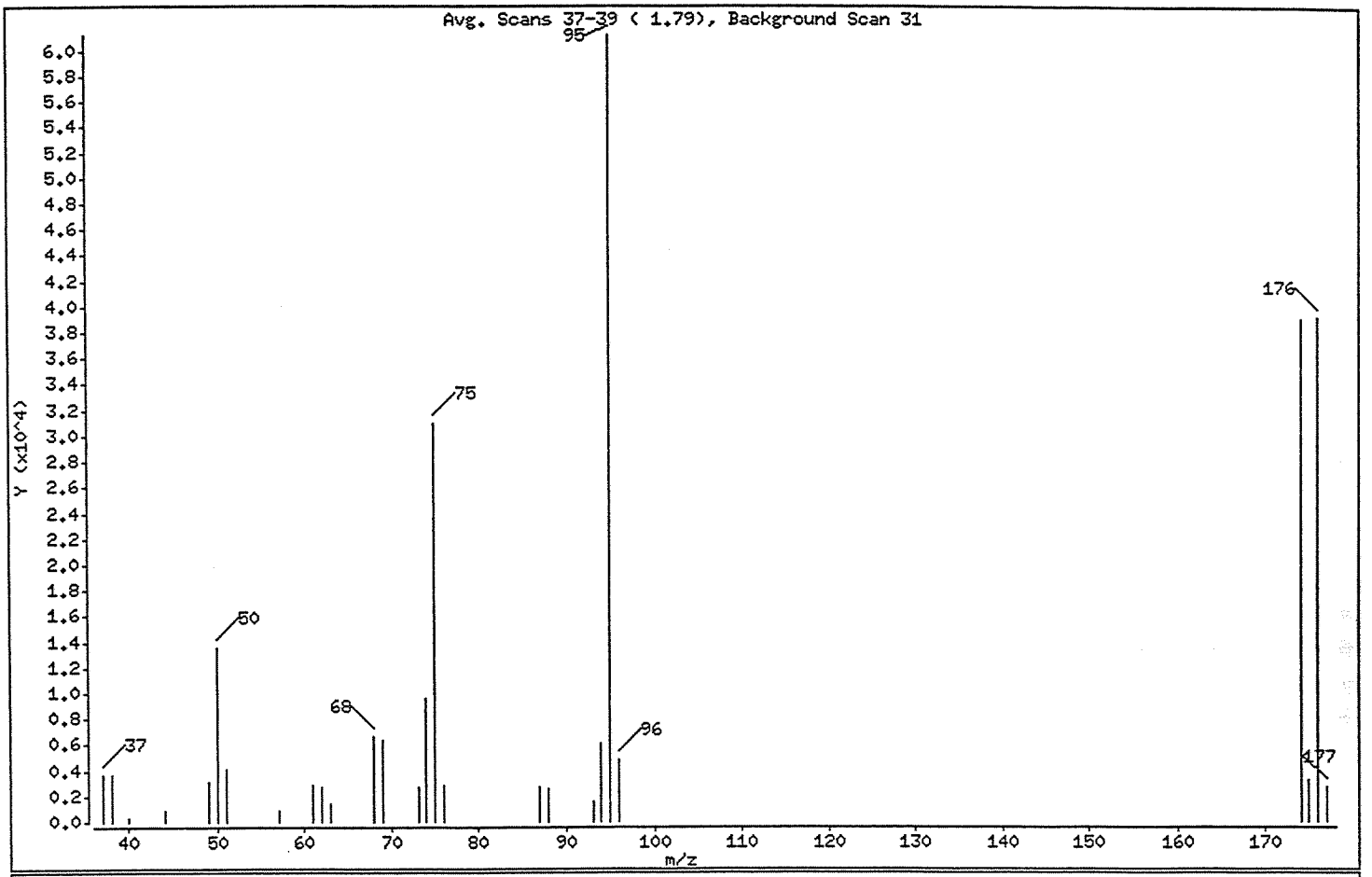
Sample Info: 50ng bfb,,,,,,bfb.M

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	22.13
75	30.00 - 60.00% of mass 95	50.64
96	5.00 - 9.00% of mass 95	7.71
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	63.63
175	5.00 - 9.00% of mass 174	5.19 (8.16)
176	95.00 - 101.00% of mass 174	64.02 (100.60)
177	5.00 - 9.00% of mass 176	4.40 (6.87)

Data File: \\SANP2008\D\CHEM\MG.I\1018BG.B\GT1364.D

Date : 18-OCT-2000 18:36

Client ID:

Instrument: mg.i

Sample Info: 50ng bfb,,,,,,bfb.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: GT1364.D
Spectrum: Avg. Scans 37-39 (1.79), Background Scan 31
Location of Maximum: 95.00
Number of points: 27

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	3715	57.00	778	74.00	9559	95.00	61232
38.00	3631	61.00	2851	75.00	31008	96.00	4724
40.00	226	62.00	2611	76.00	2833	174.00	38968
44.00	889	63.00	1445	87.00	2623	175.00	3180
49.00	3089	68.00	6568	88.00	2484	176.00	39200
50.00	13552	69.00	6266	93.00	1504	177.00	2694
51.00	4084	73.00	2656	94.00	6077		

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\chem\mg.i\1018BG.B\GS2293.D
Lab Smp Id: 5 PPB 8260B
Inj Date : 18-OCT-2000 22:09
Operator : AD Inst ID: mg.i
Smp Info : 5 PPB 8260B,,,1,0,,,8260BGS.M
Misc Info : 53-2A;59-1,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\chem\mg.i\1018BG.B\8260BGS.m
Meth Date : 19-Oct-2000 18:49 beckmang Quant Type: ISTD
Cal Date : 18-OCT-2000 22:09 Cal File: GS2293.D
Als bottle: 3 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	1.505	1.497	(0.212)	61835	5.00000	5.57
3 Chloromethane (**)	50	1.722	1.744	(0.243)	42047	5.00000	5.08
2 Vinyl chloride (*)	62	1.732	1.734	(0.244)	45023	5.00000	5.22
4 Bromomethane	94	2.018	2.010	(0.285)	31340	5.00000	7.92
5 Chloroethane	64	2.096	2.079	(0.296)	24397	5.00000	7.41
6 Trichlorofluoromethane	101	2.333	2.325	(0.329)	87298	5.00000	6.57
7 Acrolein	56	2.728	2.774	(0.385)	37390	50.0000	54.32
8 1,1-Dichloroethene(*)	96	2.826	2.828	(0.399)	31701	5.00000	5.25
9 1,1,2-Trichlorotrifluoroethan	151	2.826	2.755	(0.399)	48702	5.00000	5.66
10 Acetone	43	2.905	2.917	(0.410)	74440	25.0000	32.16
11 Iodomethane	142	2.984	2.976	(0.421)	106849	10.0000	8.39
12 Carbon disulfide	76	3.043	3.035	(0.429)	153299	5.00000	6.41
13 Methylene chloride	84	3.378	3.370	(0.477)	38662	5.00000	5.24
14 t-Butanol	59	3.625	3.706	(0.512)	22982	125.000	141.8(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.694	3.696	(0.521)	112906	50.0000	55.47
	15 trans-1,2-Dichloroethene	96	3.694	3.696	(0.521)	38097	5.00000	5.24
	19 Vinyl acetate	43	4.433	4.425	(0.626)	319898	10.0000	11.06
	17 Methyl-tert-butyl ether[MTBE]	73	3.723	3.819	(0.525)	107568	5.00000	5.38
	18 1,1-Dichloroethane (**)	63	4.305	4.307	(0.608)	87133	5.00000	5.29
	20 Isopropyl ether	45	4.482	4.465	(0.633)	208181	5.00000	5.55
	22 Tert-butyl ethyl ether	59	5.035	5.047	(0.711)	155727	5.00000	5.19
	21 2,2-Dichloropropane	77	5.182	5.175	(0.731)	73757	5.00000	5.49(M)
	23 cis-1,2-Dichloroethene	96	5.182	5.194	(0.731)	36868	5.00000	4.78(a)
	24 2-Butanone	43	5.301	5.273	(0.748)	143110	25.0000	30.46
	25 Bromochloromethane	128	5.557	5.569	(0.784)	21729	5.00000	4.85(a)
	27 Tetrahydrofuran	42	5.685	5.697	(0.802)	17965	5.00000	5.62
	26 Chloroform (*)	83	5.735	5.727	(0.809)	91698	5.00000	5.46
M	28 1,2-Dichloroethene (total)	100				74965	10.0000	10.03
$	29 Dibromofluoromethane	111	5.981	5.983	(0.844)	71003	5.00000	5.15
	30 1,1,1-Trichloroethane	97	5.952	5.954	(0.840)	74155	5.00000	5.44
	31 Carbon Tetrachloride	117	6.247	6.230	(0.882)	70210	5.00000	5.62
	32 1,1-Dichloropropene	75	6.247	6.230	(0.882)	74041	5.00000	5.76
$	33 1,2-Dichloroethane-d4	65	6.523	6.526	(0.921)	54525	5.00000	4.99(aM)
	34 1,2-Dichloroethane-d4 2nd	102	6.533	6.516	(0.922)	1328	5.00000	0.771(aM)
	35 Benzene	78	6.582	6.585	(0.929)	132380	5.00000	5.59
	36 1,2-Dichloroethane	62	6.652	6.644	(0.939)	67975	5.00000	5.51
	37 Tert-amyl methyl ether	73	6.868	6.870	(0.969)	119688	5.00000	5.00
*	38 Fluorobenzene	96	7.085	7.078	(1.000)	1196596	50.0000	
	39 Trichloroethene	130	7.736	7.718	(1.092)	45269	5.00000	5.05
	40 1,2-Dichloropropane(*)	63	8.111	8.103	(1.145)	54902	5.00000	4.96(a)
	41 Dibromomethane	93	8.318	8.310	(1.174)	40745	5.00000	5.04
	42 Bromodichloromethane	83	8.643	8.635	(1.220)	93688	5.00000	5.32
	44 2-Chloroethylvinyl ether	106	9.264	9.257	(1.308)	2491	10.0000	2.14(aM)
	43 1-Bromo-2-chloroethane	63	9.136	9.153	(1.289)	121954	5.00000	5.80(M)
	45 cis-1,3-Dichloropropene	75	9.461	9.444	(1.335)	72114	5.00000	5.01
	46 4-Methyl-2-pentanone	43	9.797	9.809	(1.383)	325469	25.0000	28.25
$	47 Toluene-d8	98	9.915	9.897	(0.787)	116665	5.00000	5.38
	48 Toluene (*)	91	10.023	10.026	(0.796)	133308	5.00000	5.39
	49 trans-1,3-Dichloropropene	75	10.516	10.499	(0.835)	52161	5.00000	4.41(a)
	50 1,1,2-Trichloroethane	97	10.822	10.824	(0.859)	43503	5.00000	5.26
	51 Tetrachloroethene	164	11.019	11.011	(0.875)	37395	5.00000	5.00
	52 1,3-Dichloropropane	76	11.108	11.120	(0.882)	78100	5.00000	5.22
	53 2-Hexanone	43	11.384	11.376	(0.904)	221762	25.0000	27.19
	54 Dibromochloromethane	129	11.522	11.524	(0.915)	70518	5.00000	5.30
	55 1,2-Dibromoethane	107	11.690	11.692	(0.928)	59230	5.00000	5.13
*	56 Chlorobenzene-d5	117	12.597	12.599	(1.000)	877809	50.0000	
	57 Chlorobenzene (**)	112	12.646	12.648	(1.004)	89170	5.00000	5.26
	58 1,1,1,2-Tetrachloroethane	131	12.843	12.835	(1.020)	49369	5.00000	5.34
	59 Ethylbenzene (*)	106	12.902	12.914	(1.024)	39875	5.00000	4.96(a)
	60 m,p-Xylenes	106	13.159	13.151	(1.045)	103257	10.0000	10.69
	61 o-Xylene	106	13.918	13.910	(1.105)	45442	5.00000	5.00

10-24-00

10-24-00

10-24-00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.947	13.949	(1.107)	80719	5.00000	5.21
M	63 Xylenes (total)	100				148700	15.0000	15.68
	64 Bromoform (**)	173	14.253	14.255	(1.131)	51583	5.00000	5.36
	65 Isopropylbenzene	105	14.667	14.659	(1.164)	143501	5.00000	5.27
$	67 4-Bromofluorobenzene	95	14.923	14.926	(0.866)	83467	5.00000	5.23
	66 4-Bromofluorobenzene-2nd	174	14.933	14.926	(0.866)	43754	5.00000	4.82(a)
	68 Bromobenzene	156	15.170	15.162	(0.880)	42435	5.00000	4.88(a)
	69 1,1,2,2-Tetrachloroethane(**)	83	15.308	15.300	(0.888)	83257	5.00000	5.66
	70 1,2,3-Trichloropropane	110	15.338	15.330	(0.890)	15780	5.00000	4.61(a)
	71 n-Propylbenzene	91	15.485	15.488	(0.898)	202375	5.00000	5.41
	72 2-Chlorotoluene	126	15.594	15.596	(0.904)	33556	5.00000	5.12
	73 4-Chlorotoluene	126	15.830	15.813	(0.918)	28249	5.00000	4.45(a)
	74 1,3,5-Trimethylbenzene	105	15.860	15.862	(0.920)	127877	5.00000	5.36
	75 tert-Butylbenzene	119	16.491	16.493	(0.957)	118316	5.00000	4.99(a)
	76 1,2,4-Trimethylbenzene	105	16.590	16.602	(0.962)	125685	5.00000	5.26
	77 sec-Butylbenzene	105	16.935	16.947	(0.982)	167031	5.00000	5.20
	78 1,3-Dichlorobenzene	146	17.073	17.085	(0.990)	77987	5.00000	5.54
*	79 1,4-Dichlorobenzene-d4	152	17.240	17.233	(1.000)	487411	50.0000	
	80 1,4-Dichlorobenzene	146	17.280	17.272	(1.002)	79382	5.00000	5.51
	81 p-Isopropyltoluene	119	17.270	17.262	(1.002)	137486	5.00000	5.61
	82 1,2-Dichlorobenzene	146	18.000	18.002	(1.044)	68454	5.00000	5.12
	83 n-Butylbenzene	91	18.098	18.100	(1.050)	136087	5.00000	5.38
	84 1,2-Dibromo-3-chloropropane	157	19.616	19.619	(1.138)	11297	5.00000	3.38(a)
	85 1,2,4-Trichlorobenzene	180	21.322	21.314	(1.237)	43849	5.00000	4.55(a)
	86 Hexachlorobutadiene	225	21.726	21.738	(1.260)	36214	5.00000	4.82(a)
	87 Napthalene	128	21.785	21.778	(1.264)	87663	5.00000	4.80(a)
	88 1,2,3-Trichlorobenzene	180	22.298	22.290	(1.293)	42444	5.00000	4.46(a)

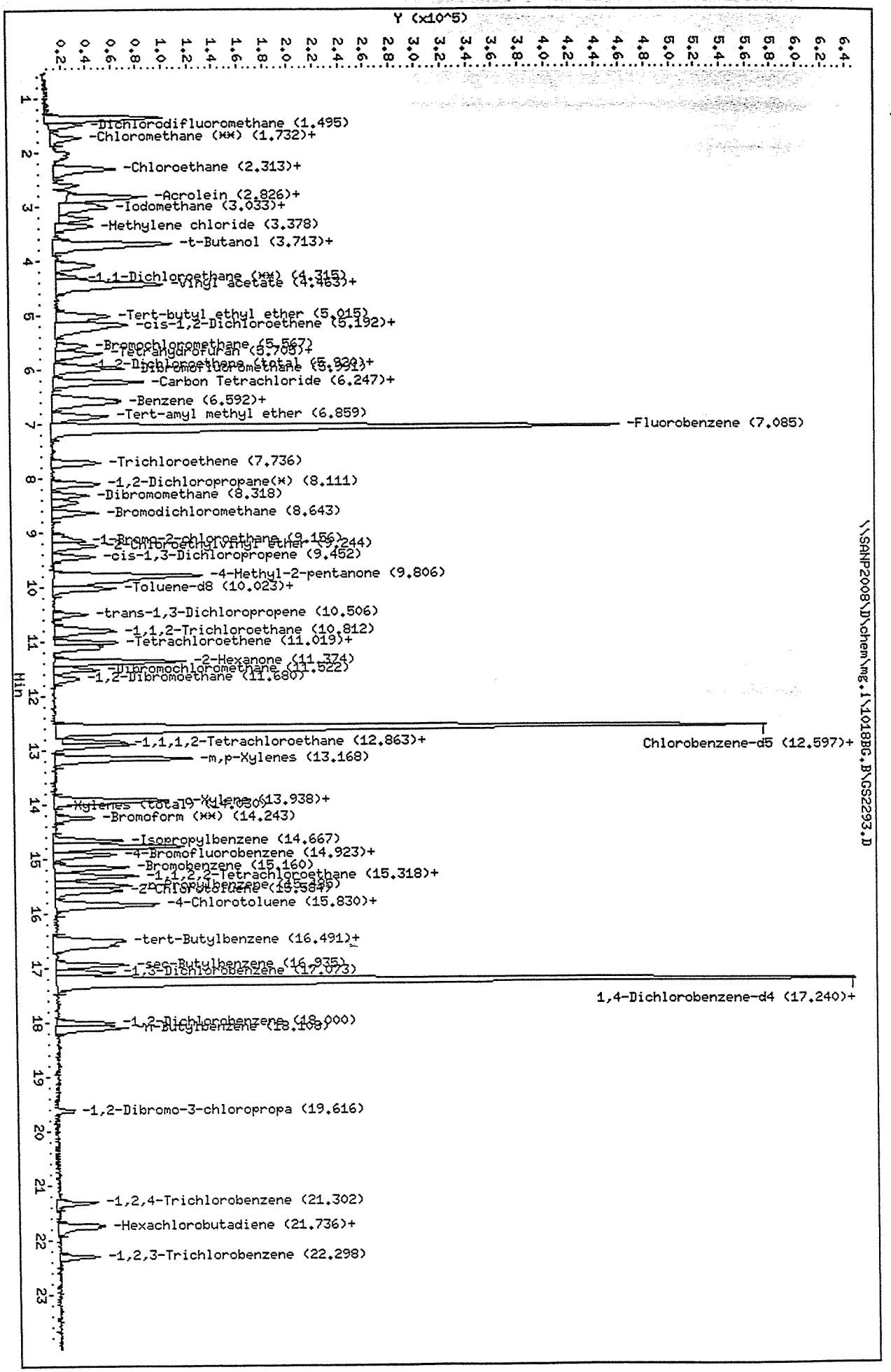
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\SANP2008\D\chem\mg.i\1018BG.B\GS2293.D
Date : 18-OCT-2000 22:09
Client ID:
Sample Info: 5 PPB 8260B,,,1,0,,,8260BGS.M

Column phase: J&W DB-624

Instrument: mg.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\CHEM\MG.I\1018BG.B\GS2294.D
Lab Smp Id: 20 PPB 8260B
Inj Date : 18-OCT-2000 22:44
Operator : AD Inst ID: mg.i
Smp Info : 20 PPB 8260B,,,2,0,,,8260BGS.M
Misc Info : 53-2A;59-1,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\CHEM\MG.I\1018BG.B\8260BGS.m
Meth Date : 18-Oct-2000 23:10 +AwN(Quant Type: ISTD
Cal Date : 12-OCT-2000 17:03 Cal File: GS2269.D
Als bottle: 4 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	1.495	1.492	(0.211)	234396	20.0000	38.96
3 Chloromethane (**)	50	1.732	1.719	(0.244)	177380	20.0000	29.66(Q)
2 Vinyl chloride (*)	62	1.732	1.729	(0.244)	181001	20.0000	29.22
4 Bromomethane	94	1.998	1.995	(0.282)	92669	20.0000	31.37(Q)
5 Chloroethane	64	2.097	2.094	(0.296)	100124	20.0000	38.96
6 Trichlorofluoromethane	101	2.333	2.320	(0.329)	337146	20.0000	31.23
7 Acrolein	56	2.737	2.734	(0.386)	151301	200.000	230.1(AQ)
8 1,1-Dichloroethene(*)	96	2.836	2.823	(0.400)	135346	20.0000	25.88
9 1,1,2-Trichlorotrifluoroethan	151	2.826	2.823	(0.399)	192418	20.0000	26.48
10 Acetone	43	2.895	2.902	(0.409)	248009	100.000	119.5
11 Iodomethane	142	2.974	2.971	(0.420)	559734	40.0000	65.48
12 Carbon disulfide	76	3.043	3.030	(0.429)	462399	20.0000	25.98
13 Methylene chloride	84	3.359	3.365	(0.474)	157511	20.0000	23.70
14 t-Butanol	59	3.615	3.612	(0.510)	106368	500.000	592.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	ON-COL (ug/Kg)
	16 Acrylontrile	53	3.694	3.691	(0.521)	437086	200.000	230.5(A)
	15 trans-1,2-Dichloroethene	96	3.704	3.701	(0.523)	153460	20.0000	23.91
	19 Vinyl acetate	43	4.423	4.420	(0.624)	1254293	40.0000	48.98
	17 Methyl-tert-butyl ether[MTBE]	73	3.753	3.740	(0.530)	425337	20.0000	22.02
	18 1,1-Dichloroethane (**)	63	4.295	4.292	(0.606)	347818	20.0000	22.64
	20 Isopropyl ether	45	4.463	4.460	(0.630)	792721	20.0000	23.25
	22 Tert-butyl ethyl ether	59	5.015	5.012	(0.708)	636008	20.0000	22.72
	21 2,2-Dichloropropane	77	5.153	5.160	(0.727)	292749	20.0000	22.25
	23 cis-1,2-Dichloroethene	96	5.183	5.189	(0.731)	168105	20.0000	22.99
	24 2-Butanone	43	5.271	5.278	(0.744)	501775	100.000	114.8
	25 Bromochloromethane	128	5.567	5.564	(0.786)	94881	20.0000	24.04
	27 Tetrahydrofuran	42	5.676	5.663	(0.801)	68443	20.0000	21.89
	26 Chloroform (*)	83	5.725	5.712	(0.808)	358754	20.0000	22.38
M	28 1,2-Dichloroethene (total)	100				321565	40.0000	46.89
$	29 Dibromofluoromethane	111	5.981	5.978	(0.844)	293417	20.0000	23.62
	30 1,1,1-Trichloroethane	97	5.962	5.949	(0.841)	291074	20.0000	22.44
	31 Carbon Tetrachloride	117	6.228	6.225	(0.879)	271636	20.0000	23.35
	32 1,1-Dichloropropene	75	6.238	6.225	(0.880)	284204	20.0000	22.90
$	33 1,2-Dichloroethane-d4	65	6.504	6.511	(0.918)	240481	20.0000	23.56
	34 1,2-Dichloroethane-d4 2nd	102	6.524	6.511	(0.921)	41597	20.0000	22.12
	35 Benzene	78	6.573	6.570	(0.928)	518649	20.0000	22.81
	36 1,2-Dichloroethane	62	6.642	6.629	(0.937)	266045	20.0000	21.85
	37 Tert-amyl methyl ether	73	6.869	6.865	(0.969)	517381	20.0000	21.00
*	38 Fluorobenzene	96	7.085	7.072	(1.000)	1202090	50.0000	
	39 Trichloroethene	130	7.716	7.704	(1.089)	188162	20.0000	21.39
	40 1,2-Dichloropropane(*)	63	8.101	8.108	(1.143)	236185	20.0000	20.87
	41 Dibromomethane	93	8.308	8.305	(1.173)	175945	20.0000	21.70
	42 Bromodichloromethane	83	8.643	8.630	(1.220)	381125	20.0000	21.80
	44 2-Chloroethylvinyl ether	106	9.255	9.242	(1.306)	53176	40.0000	50.06
	43 1-Bromo-2-chloroethane	63	9.146	9.153	(1.291)	680551	20.0000	30.47(Q)
	45 cis-1,3-Dichloropropene	75	9.452	9.449	(1.334)	298239	20.0000	19.85
	46 4-Methyl-2-pentanone	43	9.797	9.803	(1.383)	1282277	100.000	111.5
$	47 Toluene-d8	98	9.905	9.902	(0.787)	471218	20.0000	21.89
	48 Toluene (*)	91	10.014	10.020	(0.796)	528318	20.0000	19.65
	49 trans-1,3-Dichloropropene	75	10.517	10.494	(0.836)	241809	20.0000	17.71
	50 1,1,2-Trichloroethane	97	10.832	10.819	(0.861)	174107	20.0000	19.67
	51 Tetrachloroethene	164	11.029	11.016	(0.876)	163965	20.0000	20.40
	52 1,3-Dichloropropane	76	11.108	11.105	(0.883)	319166	20.0000	19.72
	53 2-Hexanone	43	11.374	11.371	(0.904)	900118	100.000	102.6
	54 Dibromochloromethane	129	11.522	11.519	(0.915)	278400	20.0000	20.00
	55 1,2-Dibromoethane	107	11.690	11.677	(0.929)	244714	20.0000	19.66(Q)
*	56 Chlorobenzene-d5	117	12.587	12.594	(1.000)	892327	50.0000	
	57 Chlorobenzene (**)	112	12.646	12.643	(1.005)	362668	20.0000	19.64
	58 1,1,1,2-Tetrachloroethane	131	12.843	12.840	(1.020)	197049	20.0000	19.93
	59 Ethylbenzene (*)	106	12.912	12.909	(1.026)	176426	20.0000	19.27
	60 m,p-Xylenes	106	13.149	13.146	(1.045)	425896	40.0000	38.32
	61 o-Xylene	106	13.908	13.895	(1.105)	183086	20.0000	16.83

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.948	13.935	(1.108)	311299	20.0000	16.96
M	63 Xylenes (total)	100				608983	60.0000	55.15
	64 Bromoform (**)	173	14.263	14.250	(1.133)	189312	20.0000	18.18
	65 Isopropylbenzene	105	14.667	14.654	(1.165)	552515	20.0000	16.66
$	67 4-Bromofluorobenzene	95	14.924	14.920	(0.866)	309339	20.0000	19.41
	66 4-Bromofluorobenzene-2nd	174	14.924	14.920	(0.866)	176821	20.0000	20.56
	68 Bromobenzene	156	15.150	15.157	(0.879)	167942	20.0000	18.95
	69 1,1,2,2-Tetrachloroethane(**)	83	15.318	15.305	(0.889)	288494	20.0000	18.27
	70 1,2,3-Trichloropropane	110	15.328	15.325	(0.890)	66650	20.0000	18.63
	71 n-Propylbenzene	91	15.486	15.482	(0.899)	746311	20.0000	18.29
	72 2-Chlorotoluene	126	15.584	15.591	(0.904)	126349	20.0000	17.64
	73 4-Chlorotoluene	126	15.821	15.808	(0.918)	125495	20.0000	17.88
	74 1,3,5-Trimethylbenzene	105	15.860	15.857	(0.920)	474423	20.0000	17.98
	75 tert-Butylbenzene	119	16.491	16.488	(0.957)	470867	20.0000	18.07
	76 1,2,4-Trimethylbenzene	105	16.590	16.597	(0.963)	471763	20.0000	17.67
	77 sec-Butylbenzene	105	16.945	16.932	(0.983)	651469	20.0000	17.53
	78 1,3-Dichlorobenzene	146	17.093	17.080	(0.992)	283201	20.0000	18.58
*	79 1,4-Dichlorobenzene-d4	152	17.231	17.228	(1.000)	467746	50.0000	(Q)
	80 1,4-Dichlorobenzene	146	17.270	17.267	(1.002)	293685	20.0000	18.97
	81 p-Isopropyltoluene	119	17.270	17.257	(1.002)	498705	20.0000	17.95
	82 1,2-Dichlorobenzene	146	18.000	18.006	(1.045)	266784	20.0000	18.41
	83 n-Butylbenzene	91	18.098	18.095	(1.050)	516017	20.0000	16.60
	84 1,2-Dibromo-3-chloropropane	157	19.617	19.613	(1.138)	69592	20.0000	18.24
	85 1,2,4-Trichlorobenzene	180	21.312	21.319	(1.237)	196954	20.0000	17.69
	86 Hexachlorobutadiene	225	21.727	21.733	(1.261)	158605	20.0000	20.35
	87 Napthalene	128	21.786	21.773	(1.264)	368566	20.0000	17.55
	88 1,2,3-Trichlorobenzene	180	22.289	22.285	(1.294)	195976	20.0000	18.41

QC Flag Legend

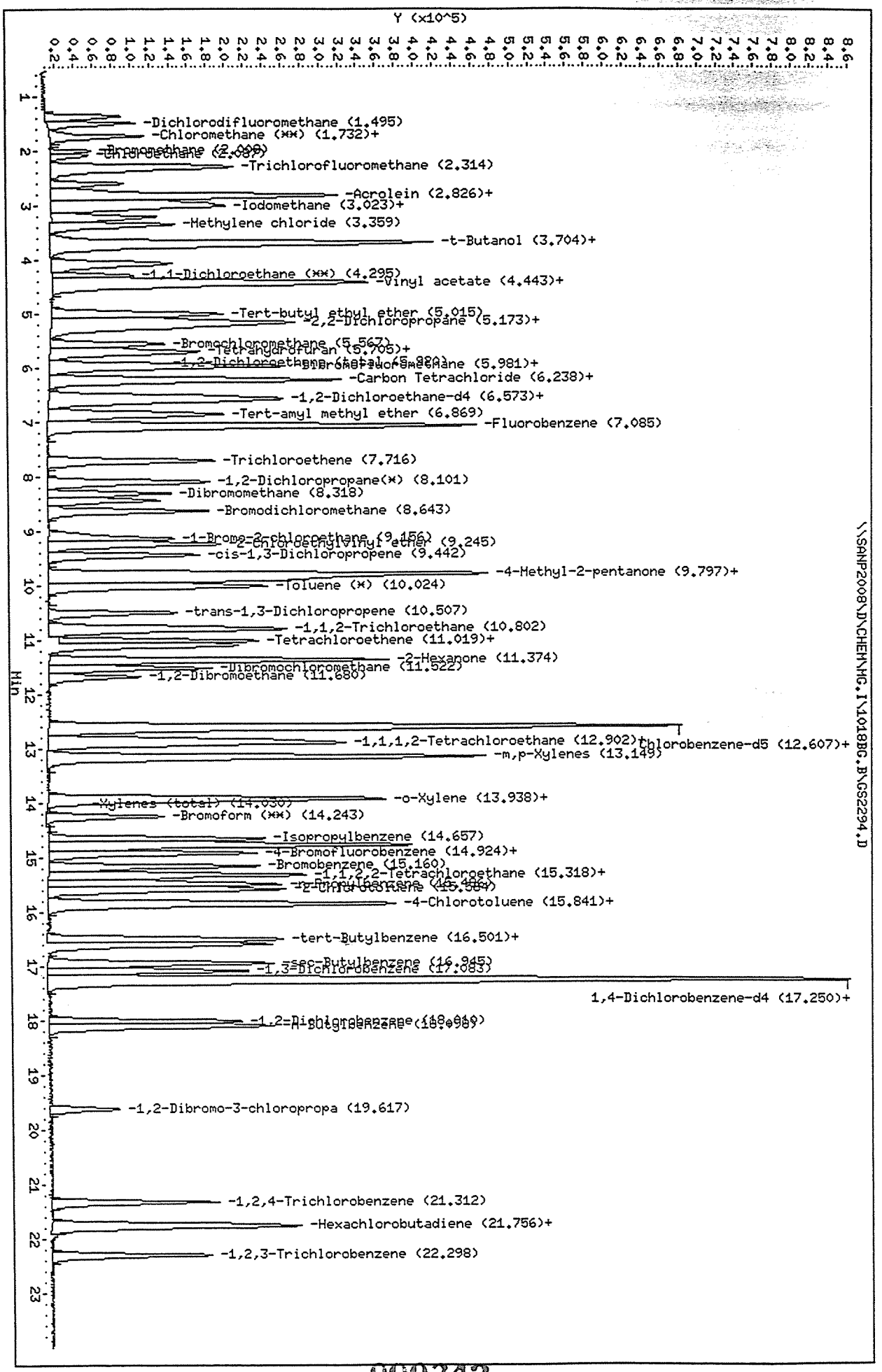
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2008\D\CHEM\MG.I\1018BG.B\GS2294.D
Date : 18-OCT-2000 22:44
Client ID:
Sample Info: 20 PPB 8260B,,2,0,,8260BGS.M

Column phase: J&W DB-624

Instrument: mg.i

Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\CHEM\MG.I\1018BG.B\GS2295.D
Lab Smp Id: 50 PPB 8260B
Inj Date : 18-OCT-2000 23:19
Operator : AD Inst ID: mg.i
Smp Info : 50 PPB 8260B,,,3,0,,,8260BGS.M
Misc Info : 53-2A;59-1,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\CHEM\MG.I\1018BG.B\8260BGS.m
Meth Date : 18-Oct-2000 23:45 +AwN(Quant Type: ISTD
Cal Date : 12-OCT-2000 17:03 Cal File: GS2269.D
Als bottle: 5 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	1.501	1.501	(0.212)	568786	50.0000	91.05
3 Chloromethane (**)	50	1.738	1.738	(0.245)	435654	50.0000	70.17
2 Vinyl chloride (*)	62	1.738	1.738	(0.245)	444071	50.0000	69.03
4 Bromomethane	94	1.994	1.994	(0.282)	171732	50.0000	55.99
5 Chloroethane	64	2.073	2.073	(0.293)	150772	50.0000	56.51
6 Trichlorofluoromethane	101	2.319	2.319	(0.328)	775239	50.0000	69.15
7 Acrolein	56	2.743	2.743	(0.387)	379570	500.000	556.0(A)
8 1,1-Dichloroethene(*)	96	2.822	2.822	(0.399)	327491	50.0000	60.30
9 1,1,2-Trichlorotrifluoroethan	151	2.812	2.812	(0.397)	454292	50.0000	60.20
10 Acetone	43	2.921	2.921	(0.412)	606342	250.000	281.3
11 Iodomethane	142	2.980	2.980	(0.421)	1457062	100.000	164.1(A)
12 Carbon disulfide	76	3.029	3.029	(0.428)	1307205	50.0000	70.74
13 Methylene chloride	84	3.364	3.364	(0.475)	381939	50.0000	55.35
14 t-Butanol	59	3.640	3.640	(0.514)	278581	1250.00	1494

	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)	1112846	500.000	565.3(A)
	15 trans-1,2-Dichloroethene	96	3.700	3.700	(0.522)	376088	50.0000	56.42
	19 Vinyl acetate	43	4.439	4.439	(0.627)	2952052	100.000	111.0(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.749	3.749	(0.529)	1057582	50.0000	52.73
	18 1,1-Dichloroethane (**)	63	4.311	4.311	(0.609)	865371	50.0000	54.26
	20 Isopropyl ether	45	4.459	4.459	(0.630)	1965309	50.0000	55.51
	22 Tert-butyl ethyl ether	59	5.031	5.031	(0.710)	1577479	50.0000	54.28
	21 2,2-Dichloropropane	77	5.169	5.169	(0.730)	697727	50.0000	51.07
	23 cis-1,2-Dichloroethene	96	5.198	5.198	(0.734)	408309	50.0000	53.77
	24 2-Butanone	43	5.287	5.287	(0.747)	1258621	250.000	277.2
	25 Bromochloromethane	128	5.563	5.563	(0.786)	236403	50.0000	57.69
	27 Tetrahydrofuran	42	5.691	5.691	(0.804)	170826	50.0000	52.62
	26 Chloroform (*)	83	5.731	5.731	(0.809)	855336	50.0000	51.38
M	28 1,2-Dichloroethene (total)	100				784398	100.000	110.2
$	29 Dibromofluoromethane	111	5.977	5.977	(0.844)	712253	50.0000	55.23
	30 1,1,1-Trichloroethane	97	5.967	5.967	(0.843)	706870	50.0000	52.48
	31 Carbon Tetrachloride	117	6.243	6.243	(0.882)	634218	50.0000	52.50
	32 1,1-Dichloropropene	75	6.253	6.253	(0.883)	653271	50.0000	50.70
$	33 1,2-Dichloroethane-d4	65	6.519	6.519	(0.921)	599830	50.0000	56.59
	34 1,2-Dichloroethane-d4 2nd	102	6.519	6.519	(0.921)	115331	50.0000	59.08
	35 Benzene	78	6.579	6.579	(0.929)	1260723	50.0000	53.39
	36 1,2-Dichloroethane	62	6.648	6.648	(0.939)	651025	50.0000	51.49
	37 Tert-amyl methyl ether	73	6.874	6.874	(0.971)	1301243	50.0000	50.85
*	38 Fluorobenzene	96	7.081	7.081	(1.000)	1248208	50.0000	
	39 Trichloroethene	130	7.722	7.722	(1.090)	473618	50.0000	51.86
	40 1,2-Dichloropropane(*)	63	8.097	8.097	(1.143)	589189	50.0000	50.15
	41 Dibromomethane	93	8.314	8.314	(1.174)	430427	50.0000	51.12
	42 Bromodichloromethane	83	8.649	8.649	(1.221)	915627	50.0000	50.43
	44 2-Chloroethylvinyl ether	106	9.250	9.250	(1.306)	144315	100.000	130.8(A)
	43 1-Bromo-2-chloroethane	63	9.152	9.152	(1.292)	1685437	50.0000	72.68
	45 cis-1,3-Dichloropropene	75	9.448	9.448	(1.334)	757431	50.0000	48.55
	46 4-Methyl-2-pentanone	43	9.812	9.812	(1.386)	3060325	250.000	256.3
$	47 Toluene-d8	98	9.911	9.911	(0.787)	1111015	50.0000	51.06
	48 Toluene (*)	91	10.029	10.029	(0.796)	1249858	50.0000	45.99
	49 trans-1,3-Dichloropropene	75	10.512	10.512	(0.835)	631557	50.0000	45.76
	50 1,1,2-Trichloroethane	97	10.838	10.838	(0.861)	423429	50.0000	47.32
	51 Tetrachloroethene	164	11.025	11.025	(0.876)	380590	50.0000	46.84
	52 1,3-Dichloropropane	76	11.124	11.124	(0.883)	771446	50.0000	47.14
	53 2-Hexanone	43	11.370	11.370	(0.903)	2141772	250.000	241.6
	54 Dibromochloromethane	129	11.528	11.528	(0.915)	681958	50.0000	48.46
	55 1,2-Dibromoethane	107	11.686	11.686	(0.928)	589742	50.0000	46.87
*	56 Chlorobenzene-d5	117	12.593	12.593	(1.000)	901954	50.0000	
	57 Chlorobenzene (**)	112	12.652	12.652	(1.005)	855169	50.0000	45.81
	58 1,1,1,2-Tetrachloroethane	131	12.839	12.839	(1.020)	467524	50.0000	46.78
	59 Ethylbenzene (*)	106	12.908	12.908	(1.025)	415482	50.0000	44.90
	60 m,p-Xylenes	106	13.165	13.165	(1.045)	917053	100.000	81.63
	61 o-Xylene	106	13.914	13.914	(1.105)	447093	50.0000	40.67

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)	
	62 Styrene	104	13.943	13.943	(1.107)	756984	50.0000	40.81	
M	63 Xylenes (total)	100				1364146	150.000	122.3	
	64 Bromoform (**)	173	14.249	14.249	(1.132)	472108	50.0000	44.85	
	65 Isopropylbenzene	105	14.663	14.663	(1.164)	1328562	50.0000	39.63	
$	67 4-Bromofluorobenzene	95	14.919	14.919	(0.866)	730371	50.0000	45.27	
	66 4-Bromofluorobenzene-2nd	174	14.919	14.919	(0.866)	420186	50.0000	48.25	
	68 Bromobenzene	156	15.166	15.166	(0.880)	409622	50.0000	45.66	
	69 1,1,2,2-Tetrachloroethane(**)	83	15.304	15.304	(0.888)	676956	50.0000	42.33	
	70 1,2,3-Trichloropropane	110	15.334	15.334	(0.890)	169300	50.0000	46.75	
	71 n-Propylbenzene	91	15.481	15.481	(0.898)	1718420	50.0000	41.59	
	72 2-Chlorotoluene	126	15.590	15.590	(0.904)	312739	50.0000	43.12	
	73 4-Chlorotoluene	126	15.827	15.827	(0.918)	307245	50.0000	43.23	
	74 1,3,5-Trimethylbenzene	105	15.866	15.866	(0.920)	1114712	50.0000	41.74	
	75 tert-Butylbenzene	119	16.497	16.497	(0.957)	1124722	50.0000	42.63	
	76 1,2,4-Trimethylbenzene	105	16.596	16.596	(0.963)	1110680	50.0000	41.10	
	77 sec-Butylbenzene	105	16.941	16.941	(0.983)	1528889	50.0000	40.64	
	78 1,3-Dichlorobenzene	146	17.089	17.089	(0.991)	645251	50.0000	41.81	
*	79 1,4-Dichlorobenzene-d4	152	17.236	17.236	(1.000)	473592	50.0000		(Q)
	80 1,4-Dichlorobenzene	146	17.276	17.276	(1.002)	680183	50.0000	43.38	
	81 p-Isopropyltoluene	119	17.276	17.276	(1.002)	1141520	50.0000	40.57	
	82 1,2-Dichlorobenzene	146	18.005	18.005	(1.045)	642352	50.0000	43.77	
	83 n-Butylbenzene	91	18.104	18.104	(1.050)	1157079	50.0000	36.76	
	84 1,2-Dibromo-3-chloropropane	157	19.612	19.612	(1.138)	185187	50.0000	47.93	
	85 1,2,4-Trichlorobenzene	180	21.318	21.318	(1.237)	464181	50.0000	41.19	
	86 Hexachlorobutadiene	225	21.732	21.732	(1.261)	367002	50.0000	46.52	
	87 Napthalene	128	21.782	21.782	(1.264)	924739	50.0000	43.48	
	88 1,2,3-Trichlorobenzene	180	22.294	22.294	(1.293)	472897	50.0000	43.88	

QC Flag Legend

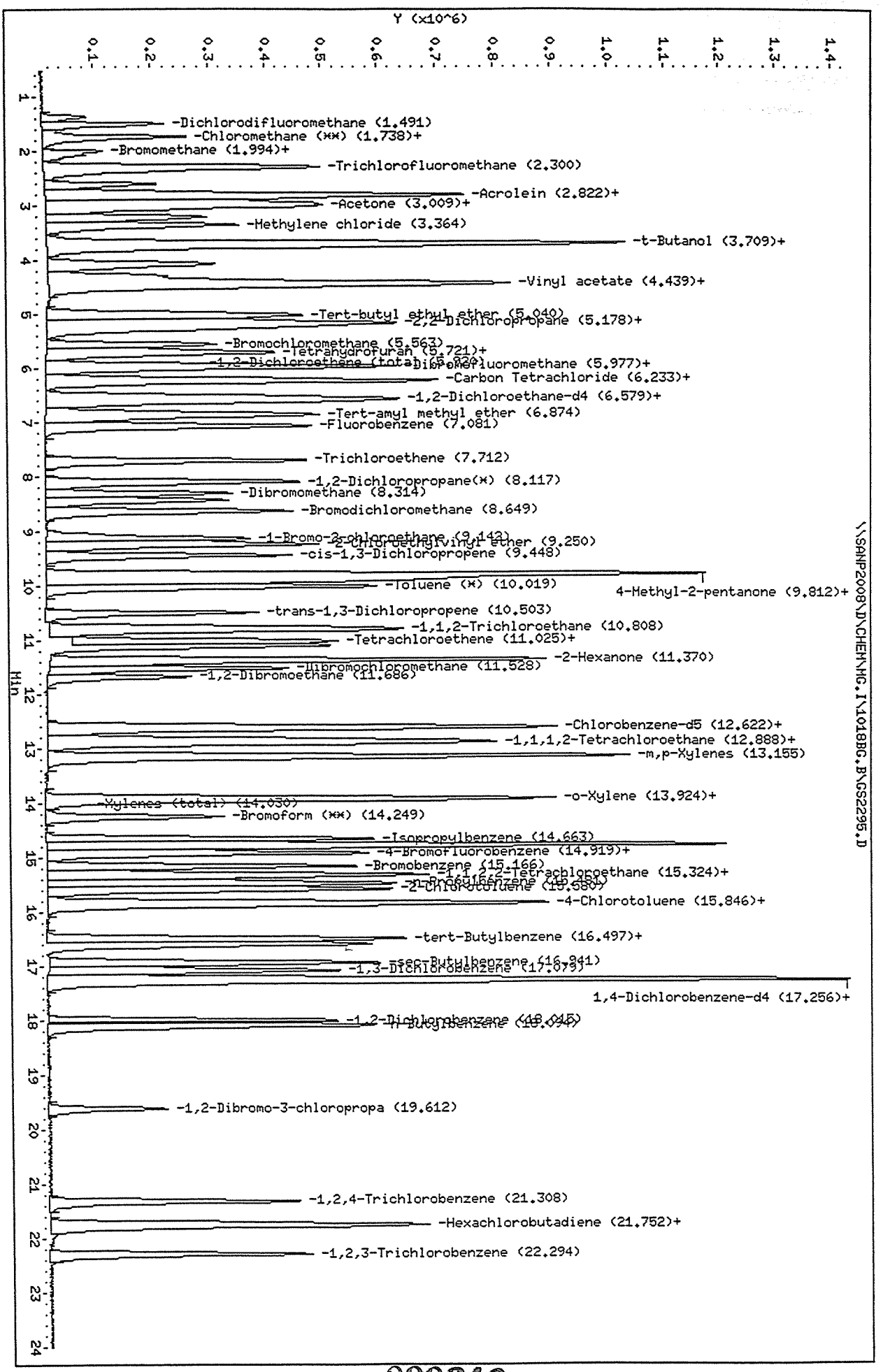
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2008\D\CHEM\MG.I\1018BG.B\GS2295.D
Date : 18-OCT-2000 23:19
Client ID:
Sample Info: 50 PPB 8260B,,3,0,,8260BGS.M

Column phase: J&W DB-624

Instrument: mg.i

Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\CHEM\MG.I\1018BG.B\GS2296.D
Lab Smp Id: 100 PPB 8260B
Inj Date : 18-OCT-2000 23:54
Operator : AD Inst ID: mg.i
Smp Info : 100 PPB 8260B,,,4,0,,,8260BGS.M
Misc Info : 53-2A;59-1,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\CHEM\MG.I\1018BG.B\8260BGS.m
Meth Date : 19-Oct-2000 00:20 +AwN(Quant Type: ISTD
Cal Date : 12-OCT-2000 17:03 Cal File: GS2269.D
Als bottle: 6 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	1.501	1.501	(0.212)	1078458	100.000	175.9
3 Chloromethane (**)	50	1.748	1.738	(0.247)	816192	100.000	133.9
2 Vinyl chloride (*)	62	1.738	1.738	(0.246)	897669	100.000	142.2
4 Bromomethane	94	2.004	1.994	(0.283)	308441	100.000	102.4
5 Chloroethane	64	2.073	2.073	(0.293)	209952	100.000	80.17
6 Trichlorofluoromethane	101	2.310	2.319	(0.327)	1369282	100.000	124.4
7 Acrolein	56	2.744	2.743	(0.388)	695072	1000.00	1037(A)
8 1,1-Dichloroethene(*)	96	2.813	2.822	(0.398)	615811	100.000	115.5
9 1,1,2-Trichlorotrifluoroethan	151	2.813	2.812	(0.398)	856570	100.000	115.6
10 Acetone	43	2.941	2.921	(0.416)	1036091	500.000	489.8
11 Iodomethane	142	2.970	2.980	(0.420)	2808192	200.000	322.3(A)
12 Carbon disulfide	76	3.029	3.029	(0.428)	2052372	100.000	113.2
13 Methylene chloride	84	3.365	3.364	(0.476)	743559	100.000	109.8
14 t-Butanol	59	3.680	3.640	(0.520)	474890	2500.00	2596

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	ON-COL (ug/Kg)
	16 Acrylontrile	53	3.720	3.700	(0.526)	1973635	1000.00	1021(A)
	15 trans-1,2-Dichloroethene	96	3.700	3.700	(0.523)	730783	100.000	111.7
	19 Vinyl acetate	43	4.439	4.439	(0.628)	5729713	200.000	219.5(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.759	3.749	(0.532)	1982654	100.000	100.7
	18 1,1-Dichloroethane (**)	63	4.311	4.311	(0.610)	1636710	100.000	104.6
	20 Isopropyl ether	45	4.479	4.459	(0.633)	3677596	100.000	105.8
	22 Tert-butyl ethyl ether	59	5.031	5.031	(0.711)	2991800	100.000	104.9
	21 2,2-Dichloropropane	77	5.159	5.169	(0.730)	1303616	100.000	97.22
	23 cis-1,2-Dichloroethene	96	5.199	5.198	(0.735)	790196	100.000	106.0
	24 2-Butanone	43	5.297	5.287	(0.749)	2096489	500.000	470.5
	25 Bromochloromethane	128	5.573	5.563	(0.788)	456848	100.000	113.6
	27 Tetrahydrofuran	42	5.691	5.691	(0.805)	293597	100.000	92.15
	26 Chloroform (*)	83	5.731	5.731	(0.810)	1646398	100.000	100.8
M	28 1,2-Dichloroethene (total)	100				1520979	200.000	217.7
$	29 Dibromofluoromethane	111	5.987	5.977	(0.847)	1367950	100.000	108.1
	30 1,1,1-Trichloroethane	97	5.968	5.967	(0.844)	1329884	100.000	100.6
	31 Carbon Tetrachloride	117	6.224	6.243	(0.880)	1206052	100.000	101.7
	32 1,1-Dichloropropene	75	6.234	6.253	(0.881)	1220705	100.000	96.52
$	33 1,2-Dichloroethane-d4	65	6.510	6.519	(0.921)	1116045	100.000	107.3
	34 1,2-Dichloroethane-d4 2nd	102	6.510	6.519	(0.921)	224393	100.000	117.1
	35 Benzene	78	6.579	6.579	(0.930)	2366744	100.000	102.1
	36 1,2-Dichloroethane	62	6.638	6.648	(0.939)	1224992	100.000	98.71
	37 Tert-amyl methyl ether	73	6.865	6.874	(0.971)	2521504	100.000	100.4
*	38 Fluorobenzene	96	7.072	7.081	(1.000)	1225143	50.0000	
	39 Trichloroethene	130	7.722	7.722	(1.092)	910913	100.000	101.6
	40 1,2-Dichloropropane(*)	63	8.107	8.097	(1.146)	1119985	100.000	97.12
	41 Dibromomethane	93	8.314	8.314	(1.176)	827243	100.000	100.1
	42 Bromodichloromethane	83	8.639	8.649	(1.222)	1740017	100.000	97.63
	44 2-Chloroethylvinyl ether	106	9.251	9.250	(1.308)	288074	200.000	266.1(A)
	43 1-Bromo-2-chloroethane	63	9.152	9.152	(1.294)	2077293	100.000	91.27(Q)
	45 cis-1,3-Dichloropropene	75	9.448	9.448	(1.336)	1465404	100.000	95.70
	46 4-Methyl-2-pentanone	43	9.813	9.812	(1.388)	5469647	500.000	466.8
$	47 Toluene-d8	98	9.901	9.911	(0.786)	2141944	100.000	100.6
	48 Toluene (*)	91	10.030	10.029	(0.796)	2421238	100.000	91.03
	49 trans-1,3-Dichloropropene	75	10.503	10.512	(0.834)	1240311	100.000	91.82
	50 1,1,2-Trichloroethane	97	10.828	10.838	(0.860)	825853	100.000	94.30
	51 Tetrachloroethene	164	11.025	11.025	(0.876)	757663	100.000	95.27
	52 1,3-Dichloropropane	76	11.114	11.124	(0.883)	1485636	100.000	92.77
	53 2-Hexanone	43	11.370	11.370	(0.903)	3916297	500.000	451.4
	54 Dibromochloromethane	129	11.528	11.528	(0.915)	1332225	100.000	96.73
	55 1,2-Dibromoethane	107	11.686	11.686	(0.928)	1158814	100.000	94.10
*	56 Chlorobenzene-d5	117	12.593	12.593	(1.000)	882744	50.0000	
	57 Chlorobenzene (**)	112	12.652	12.652	(1.005)	1684529	100.000	92.20
	58 1,1,1,2-Tetrachloroethane	131	12.839	12.839	(1.020)	911831	100.000	93.22
	59 Ethylbenzene (*)	106	12.908	12.908	(1.025)	832518	100.000	91.94
	60 m,p-Xylenes	106	13.155	13.165	(1.045)	1981827	200.000	180.2
	61 o-Xylene	106	13.904	13.914	(1.104)	988743	100.000	91.89

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.954	13.943	(1.108)	1660526	100.000	91.46
M	63 Xylenes (total)	100				2970571	300.000	272.1
	64 Bromoform (**)	173	14.259	14.249	(1.132)	995254	100.000	96.61
	65 Isopropylbenzene	105	14.654	14.663	(1.164)	2917098	100.000	88.91
$	67 4-Bromofluorobenzene	95	14.920	14.919	(0.866)	1619655	100.000	96.78
	66 4-Bromofluorobenzene-2nd	174	14.920	14.919	(0.866)	926809	100.000	102.6
	68 Bromobenzene	156	15.166	15.166	(0.880)	877547	100.000	94.28
	69 1,1,2,2-Tetrachloroethane(**)	83	15.304	15.304	(0.888)	1396779	100.000	84.20
	70 1,2,3-Trichloropropane	110	15.334	15.334	(0.890)	344829	100.000	91.79
	71 n-Propylbenzene	91	15.482	15.481	(0.899)	3691711	100.000	86.12
	72 2-Chlorotoluene	126	15.580	15.590	(0.904)	673877	100.000	89.57
	73 4-Chlorotoluene	126	15.817	15.827	(0.918)	656047	100.000	88.98
	74 1,3,5-Trimethylbenzene	105	15.866	15.866	(0.921)	2356948	100.000	85.07
	75 tert-Butylbenzene	119	16.497	16.497	(0.958)	2350872	100.000	85.89
	76 1,2,4-Trimethylbenzene	105	16.606	16.596	(0.964)	2343574	100.000	83.59
	77 sec-Butylbenzene	105	16.941	16.941	(0.983)	3209700	100.000	82.24
	78 1,3-Dichlorobenzene	146	17.079	17.089	(0.991)	1365611	100.000	85.29
*	79 1,4-Dichlorobenzene-d4	152	17.227	17.236	(1.000)	491301	50.0000	
	80 1,4-Dichlorobenzene	146	17.276	17.276	(1.003)	1410446	100.000	86.72
	81 p-Isopropyltoluene	119	17.266	17.276	(1.002)	2401816	100.000	82.29
	82 1,2-Dichlorobenzene	146	18.006	18.005	(1.045)	1316172	100.000	86.46
	83 n-Butylbenzene	91	18.094	18.104	(1.050)	2541112	100.000	77.83
	84 1,2-Dibromo-3-chloropropane	157	19.613	19.612	(1.139)	331139	100.000	82.61
	85 1,2,4-Trichlorobenzene	180	21.309	21.318	(1.237)	929600	100.000	79.51
	86 Hexachlorobutadiene	225	21.723	21.732	(1.261)	710574	100.000	86.82
	87 Napthalene	128	21.782	21.782	(1.264)	1732848	100.000	78.54
	88 1,2,3-Trichlorobenzene	180	22.294	22.294	(1.294)	920022	100.000	82.28

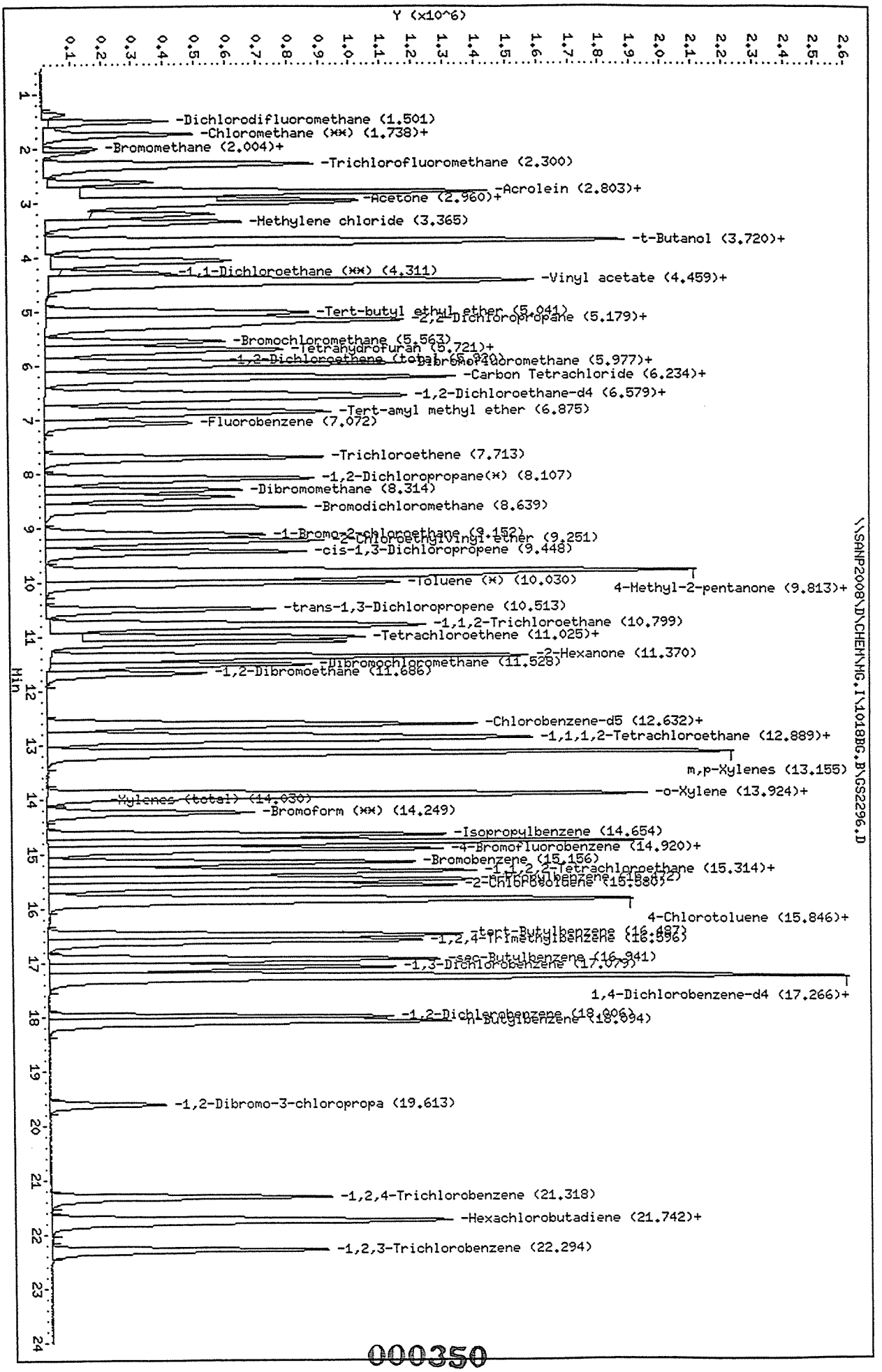
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2008\D\CHEM\MG.I\1018BG.B\GS2296.D
Date : 18-OCT-2000 23:54
Client ID:
Sample Info: 100 PPB 8260B,,,4,0,,,8260BGS.M

Column phase: J&W DB-624

Instrument: mg.i
Operator: AD
Column diameter: 0.53



000350

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2008\D\CHEM\MG.I\1018BG.B\GS2297.D
Lab Smp Id: 400 PPB 8260B
Inj Date : 19-OCT-2000 00:29
Operator : AD Inst ID: mg.i
Smp Info : 400 PPB 8260B,,,5,0,,,8260BGS.M
Misc Info : 53-2A;59-1,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2008\D\CHEM\MG.I\1018BG.B\8260BGS.m
Meth Date : 19-Oct-2000 00:55 +AwN(Quant Type: ISTD
Cal Date : 12-OCT-2000 17:03 Cal File: GS2269.D
Als bottle: 7 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	1.522	1.501	(0.215)	3971230	400.000	672.9(A)
3 Chloromethane (**)	50	1.759	1.738	(0.249)	3115368	400.000	531.1(A)
2 Vinyl chloride (*)	62	1.749	1.738	(0.247)	3090020	400.000	508.5(A)
4 Bromomethane	94	2.015	1.994	(0.285)	1016800	400.000	350.9
5 Chloroethane	64	2.074	2.073	(0.293)	656411	400.000	260.4
6 Trichlorofluoromethane	101	2.281	2.319	(0.323)	1560787	400.000	147.4
7 Acrolein	56	2.774	2.743	(0.392)	2082903	4000.00	3230(A)
8 1,1-Dichloroethene(*)	96	2.774	2.822	(0.392)	1905891	400.000	371.5
9 1,1,2-Trichlorotrifluoroethan	151	2.755	2.812	(0.389)	2596089	400.000	364.2
10 Acetone	43	3.041	2.921	(0.430)	3460965	2000.00	1700
11 Iodomethane	142	2.932	2.980	(0.415)	8955115	800.000	1068(A)
12 Carbon disulfide	76	2.981	3.029	(0.422)	6461009	400.000	370.1
13 Methylene chloride	84	3.366	3.364	(0.476)	2646639	400.000	406.0(A)
14 t-Butanol	59	3.681	3.640	(0.520)	150635	10000.0	855.4(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.681	3.700	(0.520)	2645211	400.000	420.1(A)
	19 Vinyl acetate	43	4.480	4.439	(0.633)	19957534	800.000	794.5(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.819	3.749	(0.540)	6987092	400.000	368.8
	18 1,1-Dichloroethane (**)	63	4.312	4.311	(0.610)	5933342	400.000	393.8
	20 Isopropyl ether	45	4.549	4.459	(0.643)	12950897	400.000	387.2
	22 Tert-butyl ethyl ether	59	5.091	5.031	(0.720)	10964487	400.000	399.4
	21 2,2-Dichloropropane	77	5.160	5.169	(0.730)	4617286	400.000	357.7
	23 cis-1,2-Dichloroethene	96	5.210	5.198	(0.737)	2861244	400.000	398.8
	24 2-Butanone	43	5.407	5.287	(0.764)	7932263	2000.00	1849
	27 Tetrahydrofuran	42	5.771	5.691	(0.816)	1121247	400.000	365.6
	26 Chloroform (*)	83	5.762	5.731	(0.815)	6048270	400.000	384.6
M	28 1,2-Dichloroethene (total)	100				5506455	800.000	818.9
$	29 Dibromofluoromethane	111	6.018	5.977	(0.851)	5158873	400.000	423.4(A)
	30 1,1,1-Trichloroethane	97	5.939	5.967	(0.840)	4834685	400.000	380.0
	31 Carbon Tetrachloride	117	6.205	6.243	(0.877)	4333575	400.000	379.7
	32 1,1-Dichloropropene	75	6.225	6.253	(0.880)	4309794	400.000	354.0
$	33 1,2-Dichloroethane-d4	65	6.531	6.519	(0.923)	3726085	400.000	372.1
	34 1,2-Dichloroethane-d4 2nd	102	6.531	6.519	(0.923)	738113	400.000	400.2(A)
	35 Benzene	78	6.560	6.579	(0.927)	7372625	400.000	330.5
	36 1,2-Dichloroethane	62	6.659	6.648	(0.941)	4085389	400.000	342.0
	37 Tert-amyl methyl ether	73	6.905	6.874	(0.976)	8059414	400.000	333.4
*	38 Fluorobenzene	96	7.073	7.081	(1.000)	1179231	50.0000	
	39 Trichloroethene	130	7.704	7.722	(1.089)	3318084	400.000	384.5
	40 1,2-Dichloropropane(*)	63	8.108	8.097	(1.146)	4095192	400.000	368.9
	41 Dibromomethane	93	8.325	8.314	(1.177)	2837638	400.000	356.8
	42 Bromodichloromethane	83	8.650	8.649	(1.223)	6229052	400.000	363.1
	44 2-Chloroethylvinyl ether	106	9.271	9.250	(1.311)	1139803	800.000	1094(A)
	43 1-Bromo-2-chloroethane	63	9.153	9.152	(1.294)	7257760	400.000	331.3(Q)
	45 cis-1,3-Dichloropropene	75	9.459	9.448	(1.337)	5470670	400.000	371.2
	46 4-Methyl-2-pentanone	43	9.883	9.812	(1.397)	18516404	2000.00	1642
$	47 Toluene-d8	98	9.922	9.911	(0.787)	7288647	400.000	357.4
	48 Toluene (*)	91	10.031	10.029	(0.796)	8687353	400.000	341.1
	49 trans-1,3-Dichloropropene	75	10.514	10.512	(0.834)	4700352	400.000	363.4
	50 1,1,2-Trichloroethane	97	10.849	10.838	(0.861)	2954656	400.000	352.3
	51 Tetrachloroethene	164	11.017	11.025	(0.874)	2651522	400.000	348.2
	52 1,3-Dichloropropane	76	11.125	11.124	(0.883)	5279736	400.000	344.3
	53 2-Hexanone	43	11.441	11.370	(0.908)	13331965	2000.00	1605
	54 Dibromochloromethane	129	11.549	11.528	(0.916)	4701512	400.000	356.5
	55 1,2-Dibromoethane	107	11.697	11.686	(0.928)	4171134	400.000	353.7
*	56 Chlorobenzene-d5	117	12.604	12.593	(1.000)	845289	50.0000	
	57 Chlorobenzene (**)	112	12.653	12.652	(1.004)	6071235	400.000	347.0
	58 1,1,1,2-Tetrachloroethane	131	12.850	12.839	(1.020)	3256794	400.000	347.7
	59 Ethylbenzene (*)	106	12.919	12.908	(1.025)	2790537	400.000	321.8
	60 m,p-Xylenes	106	13.156	13.165	(1.044)	6720759	800.000	638.3
	61 o-Xylene	106	13.905	13.914	(1.103)	3404640	400.000	330.4
	62 Styrene	104	13.955	13.943	(1.107)	5676307	400.000	326.5
M	63 Xylenes (total)	100				10125400	1200.00	968.8

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
64 Bromoform (**)	173	14.280	14.249	(1.133)	3605303	400.000	365.5
65 Isopropylbenzene	105	14.665	14.663	(1.163)	9791592	400.000	311.7
$ 67 4-Bromofluorobenzene	95	14.941	14.919	(0.866)	5265202	400.000	383.8
66 4-Bromofluorobenzene-2nd	174	14.950	14.919	(0.867)	3177152	400.000	429.0(A)
68 Bromobenzene	156	15.177	15.166	(0.880)	3018603	400.000	395.6
69 1,1,2,2-Tetrachloroethane(**)	83	15.335	15.304	(0.889)	4667630	400.000	343.2
70 1,2,3-Trichloropropane	110	15.365	15.334	(0.891)	1181030	400.000	383.5
71 n-Propylbenzene	91	15.493	15.481	(0.898)	11834825	400.000	336.8
72 2-Chlorotoluene	126	15.601	15.590	(0.905)	2086120	400.000	338.2
73 4-Chlorotoluene	126	15.828	15.827	(0.918)	2236774	400.000	370.0
74 1,3,5-Trimethylbenzene	105	15.877	15.866	(0.921)	7508491	400.000	330.6
75 tert-Butylbenzene	119	16.498	16.497	(0.957)	7864990	400.000	350.5
76 1,2,4-Trimethylbenzene	105	16.607	16.596	(0.963)	7801092	400.000	339.4
77 sec-Butylbenzene	105	16.942	16.941	(0.982)	9946961	400.000	310.9
78 1,3-Dichlorobenzene	146	17.100	17.089	(0.991)	4350958	400.000	331.5
* 79 1,4-Dichlorobenzene-d4	152	17.248	17.236	(1.000)	402771	50.0000	(Q)
80 1,4-Dichlorobenzene	146	17.297	17.276	(1.003)	4267421	400.000	320.0
81 p-Isopropyltoluene	119	17.267	17.276	(1.001)	7167185	400.000	299.5
83 n-Butylbenzene	91	18.105	18.104	(1.050)	7687944	400.000	287.2
84 1,2-Dibromo-3-chloropropane	157	19.624	19.612	(1.138)	1237282	400.000	376.5
85 1,2,4-Trichlorobenzene	180	21.320	21.318	(1.236)	3431519	400.000	358.0
86 Hexachlorobutadiene	225	21.744	21.732	(1.261)	2461111	400.000	366.8
87 Napthalene	128	21.793	21.782	(1.264)	6035026	400.000	333.6
88 1,2,3-Trichlorobenzene	180	22.306	22.294	(1.293)	3306219	400.000	360.7

QC Flag Legend

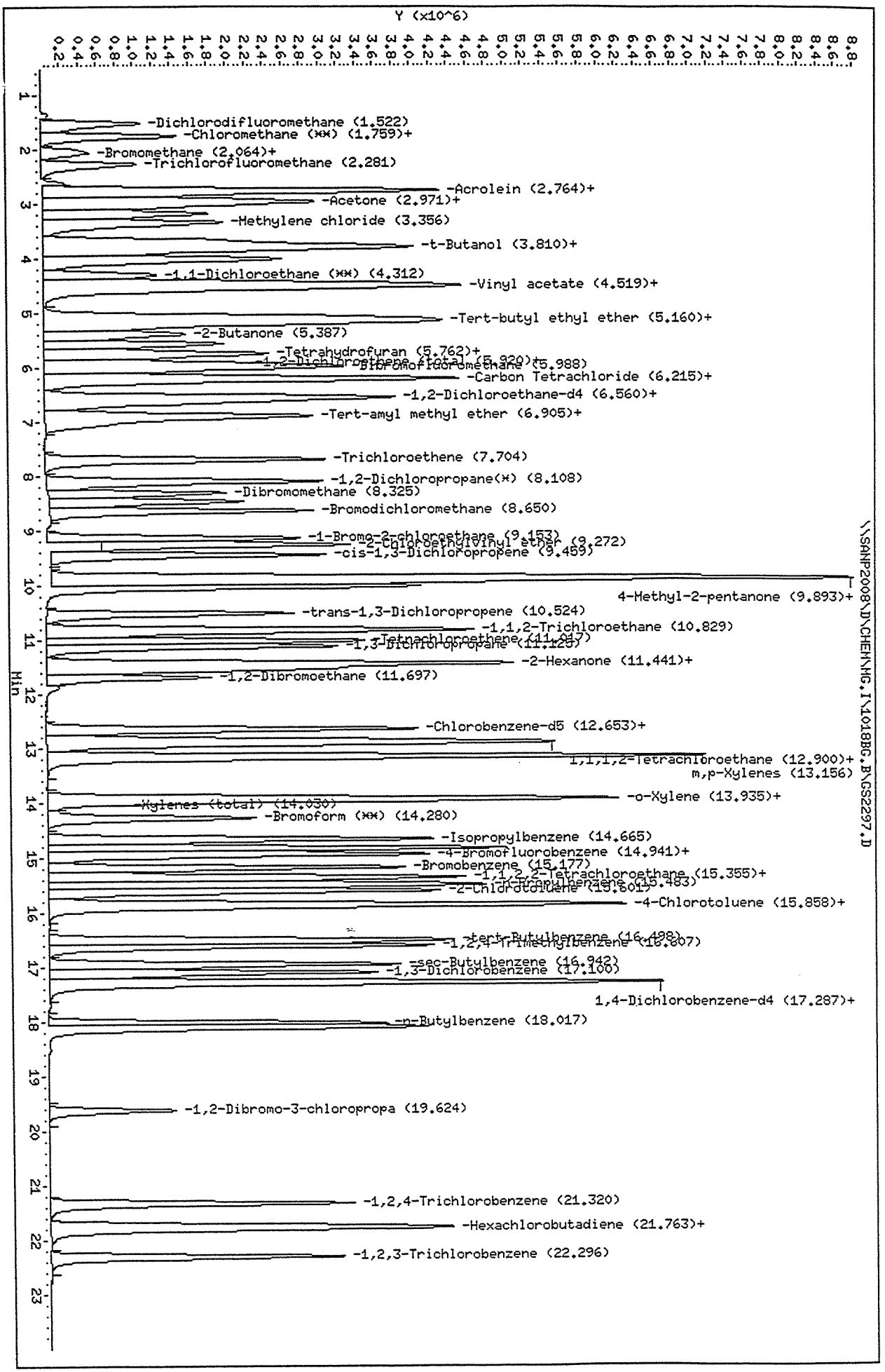
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2008\D\CHEM\MG.I\1018BG.B\GS2297.D
Date : 19-OCT-2000 00:29
Client ID:
Sample Info: 400 PPB 8260B,,,5.0,,,8260BGS.M

Column phase: J&W DB-624

Instrument: mg.i

Operator: AD
Column diameter: 0.53



8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 102400

INSTRUMENT ID: MSD

SAMPLES: EOJ190284

STL Los Angeles

GC/MS VOA Run Log

tch ID: 0301464

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

ist ID: MSD	EM Set: 1682	Tune File: BFB	Seq File: 1024AD
nit . Cal ID: 8260 BDA			Date: 10.24.00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
10:16	GFB	~~LCS Check~~ D13350	LCS Check	1	S	5g			✓			EM 1706 - Tune file Adjusted
11:21		DT 1598	50ng BFB	—	—	1ul	—	—	✓			1265-2
11:41		DS 2578	5ppb 8260B std	1	S	5g	1	235	✓			1273-1; 66-1; 69-2 not used
12:13		79	5	2				234	✓			
12:45		80	20	3				243	✓			73-2
13:16		81	50	4				250	✓			
13:48		82	100	5				254	✓			
14:20		83	400	6				254	✓			
15:18		D13351	LCS 1024AD	7				280	✓			1271-2
15:49		52	MB 1024AD	8				268	✓			
16:23		53	DLW85104	9		1g	5	257	✓			EO1100274-38
16:55		54	DLW5X104	10		1g	5	255	✓			-6
17:26		55	~~DM1A1AA~~ DLW5Q104	11		5g	1	247	✓			-3 DLW5Q104
17:58		56	DM1A8AA	12				241	✓			EO1110284-28 DM1A8AA
18:30		57	DM1A8IAC S	13				241	✓			-28MS 1271-2
19:01		58	DM1A8IAD D	14				237	✓			-28MSD
19:33		59	DNFXXIAC	15		1g	5	154	✓			EO1190284-1
20:04		60	DNF06IAC	16				243	✓			-2

000122

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0166168

Data File: \\SANP2021\D\CHEM\MD.I\1024AD.B\DT1598.D

Date : 24-OCT-2000 11:21

Client ID:

Instrument: md.i

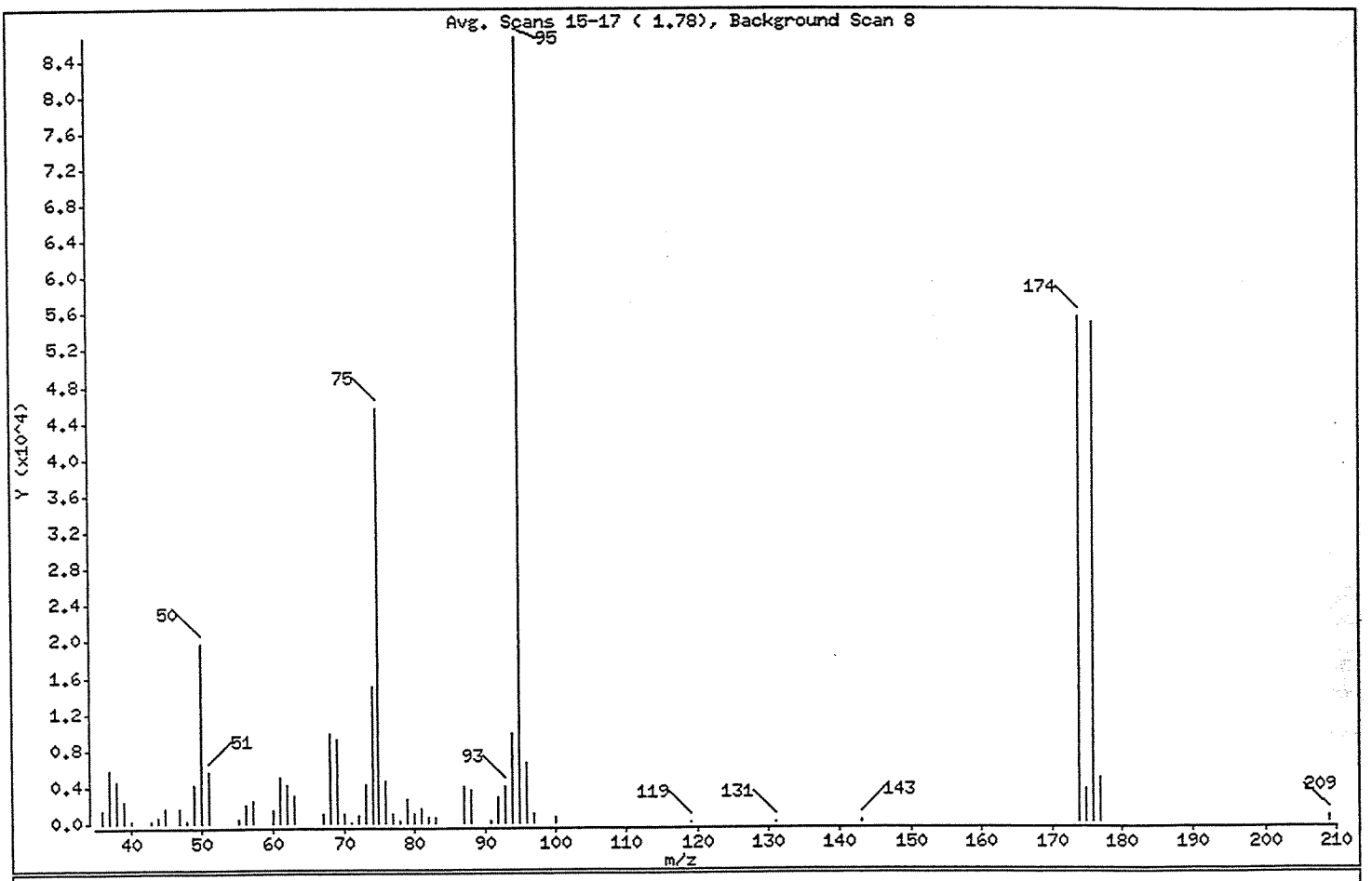
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

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	22.70
75	30.00 - 60.00% of mass 95	52.76
96	5.00 - 9.00% of mass 95	7.59
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	64.15
175	5.00 - 9.00% of mass 174	4.04 (6.30)
176	95.00 - 101.00% of mass 174	63.34 (98.73)
177	5.00 - 9.00% of mass 176	5.45 (8.61)

GFB 10/27/00

10-25-00

000357

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1024AD.B\DT1598.D
Lab Smp Id:
Inj Date : 24-OCT-2000 11:21
Operator : GFB Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1265-2,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1024AD.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)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7788	1.8000	(0.000)	95	86501			0.00- 100.00	100.00
1.7788	1.8000	(0.000)	50	19637			15.00- 40.00	22.70
1.7788	1.8000	(0.000)	75	45634			30.00- 60.00	52.76
1.7788	1.8000	(0.000)	96	6564			5.00- 9.00	7.59
1.7788	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7788	1.8000	(0.000)	174	55490			50.00- 0.00	64.15
1.7788	1.8000	(0.000)	175	3495			5.00- 9.00	6.30
1.7788	1.8000	(0.000)	176	54786			95.00- 101.00	98.73
1.7788	1.8000	(0.000)	177	4716			5.00- 9.00	8.61

Data File: \\SANP2021\D\CHEM\MD.I\1024AD.B\DT1598.D

Date : 24-OCT-2000 11:21

Client ID:

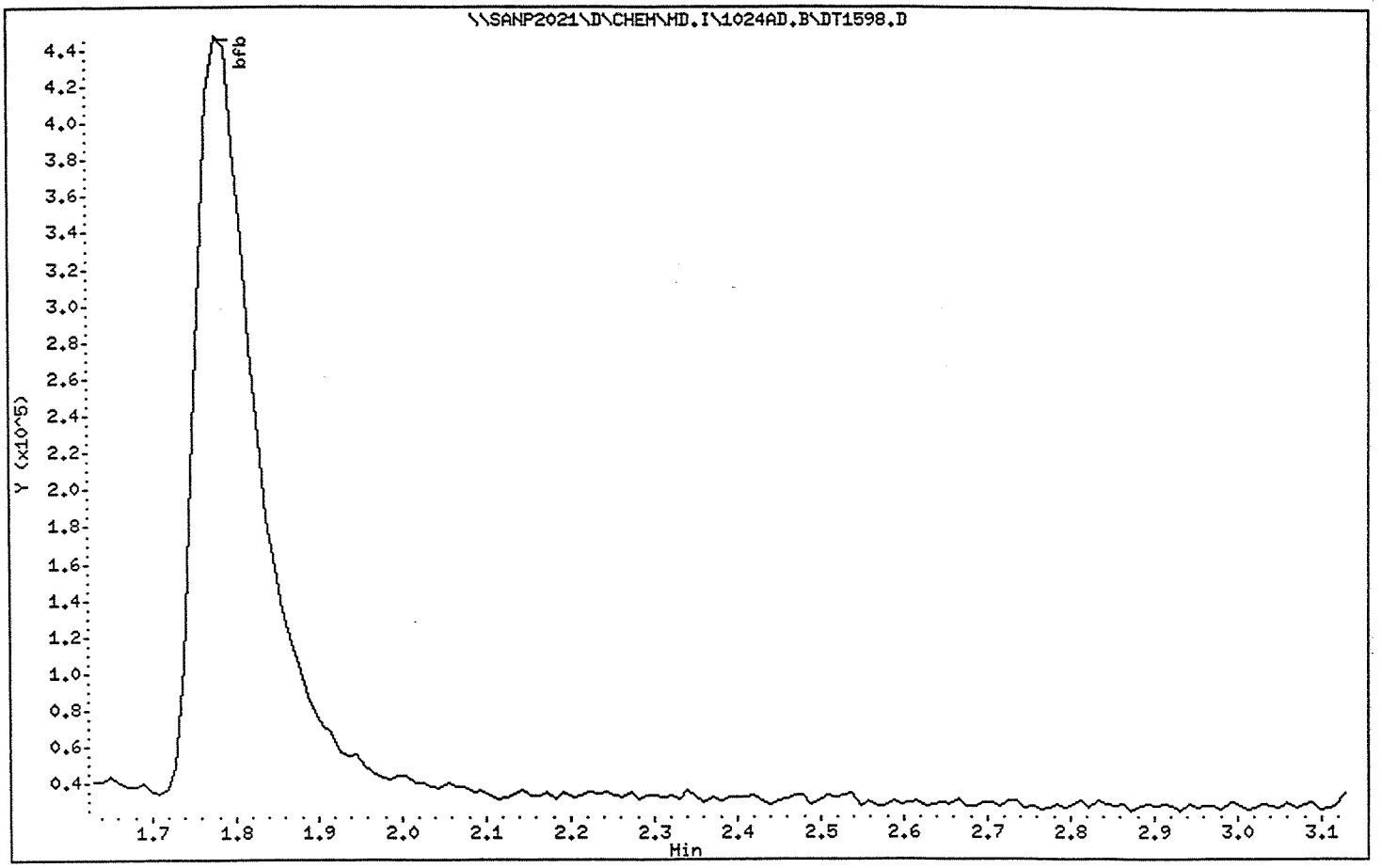
Instrument: md.i

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\1024AD.B\DT1598.D

Date : 24-OCT-2000 11:21

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: DT1598.D
Spectrum: Avg. Scans 15-17 (1.78), Background Scan 8
Location of Maximum: 95.00
Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1324	56.00	1989	75.00	45632	94.00	9751
37.00	5705	57.00	2328	76.00	4508	95.00	86496
38.00	4653	60.00	1345	77.00	985	96.00	6564
39.00	2299	61.00	4930	78.00	254	97.00	900
40.00	259	62.00	4239	79.00	2635	100.00	558
43.00	132	63.00	2934	80.00	992	119.00	65
44.00	602	67.00	968	81.00	1595	131.00	22
45.00	1627	68.00	9652	82.00	678	143.00	258
47.00	1555	69.00	9157	83.00	531	174.00	55488
48.00	261	70.00	1074	87.00	3955	175.00	3495
49.00	4266	71.00	18	88.00	3602	176.00	54784
50.00	19632	72.00	852	91.00	200	177.00	4716
51.00	5657	73.00	4216	92.00	2688	209.00	603
55.00	335	74.00	14829	93.00	4011		

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 24-OCT-2000 12:13
End Cal Date : 24-OCT-2000 14:20
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.M
Cal Date : 24-Oct-2000 15:00 beckmang
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2021\D\chem\md.i\1024AD.B\DS2579.D
Level 2: \\SANP2021\D\chem\md.i\1024AD.B\DS2580.D
Level 3: \\SANP2021\D\chem\md.i\1024AD.B\DS2581.D
Level 4: \\SANP2021\D\chem\md.i\1024AD.B\DS2582.D
Level 5: \\SANP2021\D\chem\md.i\1024AD.B\DS2583.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	0.38695	0.37847	0.36702	0.34939	0.31475	0.35932	7.963	
2 Vinyl chloride (*)	0.25123	0.24654	0.24334	0.23657	0.22527	0.24059	4.194	
3 Chloromethane (**)	0.32259	0.30257	0.26292	0.24596	0.24604	0.27602	12.613	
4 Bromomethane	0.17553	0.15673	0.16084	0.14757	0.11569	0.15127	14.742	
5 Chloroethane	0.16061	0.15450	0.14884	0.12188	0.05835	0.12884	32.668	<-
6 Trichlorofluoromethane	0.64494	0.61787	0.59352	0.55095	0.27674	0.53680	27.836	
7 Acrolein	0.01714	0.01876	0.01833	0.01817	0.01601	0.01768	6.269	
8 1,1-Dichloroethene(*)	0.30612	0.25871	0.23840	0.23088	0.18587	0.24399	17.932	
9 1,1,2-Trichlorotrifluoroethan	0.33195	0.32697	0.32014	0.30173	0.24260	0.30468	11.995	
10 Acetone	0.08278	0.06700	0.06305	0.05904	0.05224	0.06482	17.628	
11 Iodomethane	0.26537	0.29805	0.29689	0.30105	0.20150	0.27257	15.517	
12 Carbon disulfide	0.59656	0.57444	0.57146	0.54887	0.45376	0.54902	10.176	
13 Methylene chloride	0.29158	0.27808	0.27703	0.26888	0.24382	0.27188	6.500	
14 t-Butanol	0.00678	0.00708	0.00685	0.00621	0.00566	0.00651	8.843	
15 trans-1,2-Dichloroethene	0.34370	0.29156	0.28388	0.27142	0.23570	0.28525	13.695	
16 Acrylonitrile	0.05421	0.05593	0.05370	0.05231	0.04539	0.05231	7.792	
17 Methyl-tert-butyl ether[MTBE]	0.77816	0.75610	0.73696	0.70231	0.62414	0.71954	8.360	
18 1,1-Dichloroethane (**)	0.58270	0.57106	0.55196	0.53105	0.47692	0.54274	7.682	
19 Vinyl acetate	0.84216	0.84985	0.80618	0.78464	0.67910	0.79238	8.666	
20 Isopropyl ether	1.25312	1.19496	1.16928	1.09947	0.94657	1.13268	10.396	
21 2,2-Dichloropropane	0.59768	0.56832	0.54606	0.51717	0.45068	0.53598	10.465	
22 Tert-butyl ethyl ether	1.05367	1.02784	1.02142	0.97546	0.86683	0.98904	7.473	
23 cis-1,2-Dichloroethene	0.31725	0.33868	0.30714	0.29634	0.26173	0.30423	9.345	
24 2-Butanone	0.13015	0.12431	0.11601	0.11168	0.10486	0.11740	8.541	
25 Bromochloromethane	0.19229	0.18672	0.18651	0.17670	0.15811	0.18007	7.497	
26 Chloroform (*)	0.76107	0.72631	0.71689	0.68136	0.59653	0.69643	8.994	

GHB 10/27/00
10-25-00

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 24-OCT-2000 12:13
End Cal Date : 24-OCT-2000 14:20
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.M
Cal Date : 24-Oct-2000 15:00 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	0.10556	0.10492	0.10228	0.09389	0.08645	0.09862	8.361
M	28 1,2-Dichloroethene (total)	0.33047	0.31512	0.29551	0.28388	0.24872	0.29474	10.633
	30 1,1,1-Trichloroethane	0.66530	0.66343	0.65099	0.62202	0.53051	0.62645	8.995
	31 Carbon Tetrachloride	0.62723	0.61131	0.59620	0.57029	0.48559	0.57812	9.656
	32 1,1-Dichloropropene	0.59527	0.56935	0.55421	0.51759	0.44798	0.53688	10.634
	34 1,2-Dichloroethane-d4 2nd	0.10861	0.08643	0.09601	0.09373	0.08126	0.09321	11.174
	35 Benzene	0.98489	0.95938	0.93509	0.88138	0.73155	0.89846	11.223
	36 1,2-Dichloroethane	0.51250	0.50735	0.49178	0.46519	0.41641	0.47865	8.223
	37 Tert-amyl methyl ether	1.01086	1.03655	0.99431	0.94269	0.84539	0.96596	7.830
	39 Trichloroethene	0.40840	0.40364	0.41107	0.38689	0.34062	0.39012	7.491
	40 1,2-Dichloropropane(*)	0.41677	0.41975	0.41713	0.39665	0.35132	0.40033	7.223
	41 Dibromomethane	0.34622	0.34861	0.34315	0.32243	0.31714	0.33551	4.353
	42 Bromodichloromethane	0.70638	0.70977	0.72037	0.67993	0.61144	0.68558	6.423
	43 1-Bromo-2-chloroethane	0.70613	0.66443	0.65320	0.60884	0.50370	0.62726	12.318
	44 2-Chloroethylvinyl ether	0.05315	0.06088	0.06190	0.05991	0.05617	0.05840	6.242
	45 cis-1,3-Dichloropropene	0.62294	0.60869	0.61252	0.58504	0.52366	0.59057	6.755
	46 4-Methyl-2-pentanone	0.40891	0.40016	0.38970	0.36091	0.28581	0.36909	13.532
	48 Toluene (*)	1.35530	1.39581	1.40552	1.31504	1.12646	1.31962	8.623
	49 trans-1,3-Dichloropropene	0.62956	0.66519	0.68442	0.65661	0.62349	0.65186	3.883
	50 1,1,2-Trichloroethane	0.46760	0.48558	0.48060	0.45062	0.40294	0.45747	7.290
	51 Tetrachloroethene	0.47928	0.48766	0.48822	0.45502	0.38677	0.45939	9.311
	52 1,3-Dichloropropane	0.78328	0.81784	0.81712	0.76129	0.66674	0.76925	8.072
	53 2-Hexanone	0.34213	0.36647	0.35919	0.33932	0.29548	0.34052	8.115
	54 Dibromochloromethane	0.68389	0.74204	0.74261	0.71320	0.65136	0.70662	5.555
	55 1,2-Dibromoethane	0.62474	0.66215	0.67765	0.64455	0.58930	0.63968	5.377
	57 Chlorobenzene (**)	1.06091	1.06978	1.07419	1.00589	0.86844	1.01584	8.549
	58 1,1,1,2-Tetrachloroethane	0.53524	0.55911	0.56517	0.53565	0.46949	0.53293	7.122
	59 Ethylbenzene (*)	0.51015	0.51662	0.52432	0.48109	0.39501	0.48544	10.945
	60 m,p-Xylenes	0.63342	0.64665	0.64193	0.59631	0.47621	0.59890	11.919
	61 o-Xylene	0.61928	0.63445	0.63839	0.59127	0.49563	0.59580	9.898
	62 Styrene	0.95367	1.00865	1.02801	0.96733	0.81284	0.95410	8.858
M	63 Xylenes (total)	0.62870	0.64258	0.64075	0.59463	0.48269	0.59787	11.241
	64 Bromoform (**)	0.47204	0.54138	0.56784	0.55230	0.50835	0.52838	7.252

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 24-OCT-2000 12:13
End Cal Date : 24-OCT-2000 14:20
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.M
Cal Date : 24-Oct-2000 15:00 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	1.86219	1.90154	1.87731	1.75880	1.44580	1.76913	10.671
66 4-Bromofluorobenzene-2nd	1.26104	0.95435	0.87199	0.85389	0.76824	0.94190	20.200
68 Bromobenzene	0.93679	0.89790	0.90462	0.87141	0.81343	0.88483	5.222
69 1,1,2,2-Tetrachloroethane(**)	1.31350	1.30699	1.27384	1.22120	1.16484	1.25607	4.995
70 1,2,3-Trichloropropane	0.35717	0.36161	0.35221	0.34465	0.33887	0.35090	2.625
71 n-Propylbenzene	3.47503	3.31559	3.49272	3.28248	2.67550	3.24826	10.268
72 2-Chlorotoluene	0.77296	0.73086	0.70243	0.66700	0.61969	0.69859	8.411
73 4-Chlorotoluene	0.85537	0.76357	0.73275	0.69524	0.62673	0.73473	11.511
74 1,3,5-Trimethylbenzene	2.80797	2.59580	2.49036	2.38305	2.04493	2.46442	11.451
75 tert-Butylbenzene	2.78488	2.64621	2.58831	2.43028	2.17785	2.52551	9.195
76 1,2,4-Trimethylbenzene	2.74666	2.61841	2.51973	2.38059	2.10451	2.47398	9.953
77 sec-Butylbenzene	3.79056	3.53622	3.46773	3.22115	2.88215	3.37956	10.183
78 1,3-Dichlorobenzene	1.63943	1.51308	1.51869	1.44087	1.30182	1.48278	8.345
80 1,4-Dichlorobenzene	1.78512	1.69590	1.60934	1.48794	1.27966	1.57159	12.513
81 p-Isopropyltoluene	3.00084	2.79364	2.72175	2.48510	2.14387	2.62904	12.472
82 1,2-Dichlorobenzene	1.55729	1.49170	1.45037	1.38336	1.25945	1.42843	7.957
83 n-Butylbenzene	2.95956	2.82786	2.75840	2.47879	2.31639	2.66820	9.883
84 1,2-Dibromo-3-chloropropane	0.30064	0.32485	0.32472	0.33382	0.37582	0.33197	8.264
85 1,2,4-Trichlorobenzene	1.23797	1.14385	1.15395	1.07003	1.06473	1.13411	6.265
86 Hexachlorobutadiene	0.53453	0.59738	0.72393	0.56416	0.67455	0.61891	12.699
87 Napthalene	2.43990	2.22288	2.16345	2.06330	1.85155	2.14822	10.041
88 1,2,3-Trichlorobenzene	1.15304	1.05398	1.06424	0.97102	0.98650	1.04576	6.931
$ 29 Dibromofluoromethane	0.74236	0.58470	0.59917	0.57174	0.45769	0.59113	17.159
$ 33 1,2-Dichloroethane-d4	0.53567	0.43490	0.41705	0.41069	0.35662	0.43098	15.175
$ 47 Toluene-d8	1.50574	1.24145	1.16675	1.11559	0.88072	1.18205	19.093
$ 67 4-Bromofluorobenzene	2.12034	1.58799	1.44481	1.40911	1.24702	1.56185	21.445

Data File: \\SANP2021\D\chem\md.i\1024AD.B/DS2583.D
Report Date: 10/24/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2583.D
Analysis Type: SOIL

Injection Date: 24-OCT-2000 14:20
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.

COMPOUND	%RSD
Dichlorodifluoromethane	8.0
Chloromethane (**)	12.6
Vinyl chloride (*)	4.2
Bromomethane	14.7
Chloroethane	32.7
Trichlorofluoromethane	27.8
Acrolein	6.3
1,1-Dichloroethene(*)	17.9
1,1,2-Trichlorotrifluoroethan	12.0
Acetone	17.6
Iodomethane	15.5
Carbon disulfide	10.2
Methylene chloride	6.5
trans-1,2-Dichloroethene	13.7
Acrylonitrile	7.8
t-Butanol	8.8
Methyl-tert-butyl ether[MTBE]	8.4
1,1-Dichloroethane (**)	7.7
Vinyl acetate	8.7
Isopropyl ether	10.4
Tert-butyl ethyl ether	7.5
2,2-Dichloropropane	10.5
cis-1,2-Dichloroethene	9.3
2-Butanone	8.5
Bromochloromethane	7.5
Tetrahydrofuran	8.4
Chloroform (*)	9.0
1,2-Dichloroethene (total)	10.6
1,1,1-Trichloroethane	9.0
Dibromofluoromethane	17.2
Carbon Tetrachloride	9.7
1,1-Dichloropropene	10.6
1,2-Dichloroethane-d4 2nd	11.2
1,2-Dichloroethane-d4	15.2
Benzene	11.2
1,2-Dichloroethane	8.2
Tert-amyl methyl ether	7.8
Trichloroethene	7.5
1,2-Dichloropropane(*)	7.2

Data File: \\SANP2021\D\chem\md.i\1024AD.B/DS2583.D
Report Date: 10/24/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2583.D
Analysis Type: SOIL

Injection Date: 24-OCT-2000 14:20
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1024AD.B\8

COMPOUND	%RSD
Dibromomethane	4.4
Bromodichloromethane	6.4
1-Bromo-2-chloroethane	12.3
2-Chloroethylvinyl ether	6.2
cis-1,3-Dichloropropene	6.8
4-Methyl-2-pentanone	13.5
Toluene-d8	19.1
Toluene (*)	8.6
trans-1,3-Dichloropropene	3.9
1,1,2-Trichloroethane	7.3
Tetrachloroethene	9.3
1,3-Dichloropropane	8.1
2-Hexanone	8.1
Dibromochloromethane	5.6
1,2-Dibromoethane	5.4
Chlorobenzene (**)	8.5
1,1,1,2-Tetrachloroethane	7.1
Ethylbenzene (*)	10.9
m,p-Xylenes	11.9
o-Xylene	9.9
Styrene	8.9
Xylenes (total)	11.2
Bromoform (**)	7.3
Isopropylbenzene	10.7
4-Bromofluorobenzene-2nd	20.2
4-Bromofluorobenzene	21.4
Bromobenzene	5.2
1,1,2,2-Tetrachloroethane(**)	5.0
1,2,3-Trichloropropane	2.6
n-Propylbenzene	10.3
2-Chlorotoluene	8.4
4-Chlorotoluene	11.5
1,3,5-Trimethylbenzene	11.5
tert-Butylbenzene	9.2
1,2,4-Trimethylbenzene	10.0
sec-Butylbenzene	10.2
1,3-Dichlorobenzene	8.3
p-Isopropyltoluene	12.5
1,4-Dichlorobenzene	12.5

Data File: \\SANP2021\D\chem\md.i\1024AD.B/DS2583.D
Report Date: 10/24/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2583.D
Analysis Type: SOIL

Injection Date: 24-OCT-2000 14:20
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1024AD.B\8

COMPOUND	%RSD
1,2-Dichlorobenzene	8.0
n-Butylbenzene	9.9
1,2-Dibromo-3-chloropropane	8.3
1,2,4-Trichlorobenzene	6.3
Hexachlorobutadiene	12.7
Napthalene	10.0
1,2,3-Trichlorobenzene	6.9

The average of all %RSD's in the initial calibration is 10.2

ABS 10/27/00
10-25-00

000366

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2579.D
Lab Smp Id: 5 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Misc Info: 1273-1;66-1;69-2,,5,,1,all.SUB

Calibration Date: 24-OCT-2000
Calibration Time: 13:16

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2508747	1254374	5017494	2342636	-6.62
56 Chlorobenzene-d5	1950718	975359	3901436	1966535	0.81
79 1,4-Dichlorobenze	1222973	611487	2445946	1140656	-6.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	0.04
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	-0.06
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.24	-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: md.i
Lab File ID: DS2580.D
Lab Smp Id: 20 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Misc Info: 1273-1;66-1;69-2,,5,,1,all.SUB

Calibration Date: 24-OCT-2000
Calibration Time: 13:16

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2508747	1254374	5017494	2436120	-2.89
56 Chlorobenzene-d5	1950718	975359	3901436	1924119	-1.36
79 1,4-Dichlorobenze	1222973	611487	2445946	1184566	-3.14

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.08	-0.07
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	-0.04
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.24	-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: md.i
Lab File ID: DS2581.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Misc Info: 1273-1;66-1;73-2,,5,,1,all.SUB

Calibration Date: 24-OCT-2000
Calibration Time: 13:16

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2508747	1254374	5017494	2508747	0.00
56 Chlorobenzene-d5	1950718	975359	3901436	1950718	0.00
79 1,4-Dichlorobenze	1222973	611487	2445946	1222973	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: md.i
Lab File ID: DS2582.D
Lab Smp Id: 100 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Misc Info: 1273-1;66-1;73-2,,5,,1,all.SUB

Calibration Date: 24-OCT-2000
Calibration Time: 13:16

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2508747	1254374	5017494	2548183	1.57
56 Chlorobenzene-d5	1950718	975359	3901436	1972669	1.13
79 1,4-Dichlorobenze	1222973	611487	2445946	1211852	-0.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	0.04
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	-0.06
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.25	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

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2583.D
Lab Smp Id: 400 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Misc Info: 1273-1;66-1;73-2,,5,,1,all.SUB

Calibration Date: 24-OCT-2000
Calibration Time: 13:16

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2508747	1254374	5017494	2541892	1.32
56 Chlorobenzene-d5	1950718	975359	3901436	1911330	-2.02
79 1,4-Dichlorobenze	1222973	611487	2445946	1069873	-12.52

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	0.05
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	-0.05
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.27	0.14

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\1024AD.B\DS2579.D
Lab Smp Id: 5 PPB 8260B STD
Inj Date : 24-OCT-2000 12:13
Operator : GFB Inst ID: md.i
Smp Info : 5 PPB 8260B STD,,,1,0,,,8260BDA.M
Misc Info : 1273-1;66-1;69-2,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Meth Date : 24-Oct-2000 15:08 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 12:13 Cal File: DS2579.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	1.464	1.495	(0.207)	90649	5.00000	5.38
2 Vinyl chloride (*)	62	1.701	1.731	(0.240)	58855	5.00000	5.22
3 Chloromethane (**)	50	1.632	1.633	(0.230)	75572	5.00000	5.84
4 Bromomethane	94	1.986	1.978	(0.280)	41120	5.00000	5.80
5 Chloroethane	64	2.075	2.096	(0.293)	37626	5.00000	6.23
6 Trichlorofluoromethane	101	2.292	2.313	(0.323)	151087	5.00000	6.01
7 Acrolein	56	2.696	2.726	(0.380)	40158	50.0000	48.48
8 1,1-Dichloroethene(*)	96	2.784	2.766	(0.393)	71712	5.00000	6.27
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.766	(0.396)	77763	5.00000	5.45
10 Acetone	43	2.863	2.923	(0.404)	96967	25.0000	31.93
11 Iodomethane	142	2.952	2.923	(0.416)	124333	10.0000	9.74
12 Carbon disulfide	76	3.001	2.982	(0.423)	139752	5.00000	5.43
13 Methylene chloride	84	3.326	3.337	(0.469)	68307	5.00000	5.36
14 t-Butanol	59	3.553	3.712	(0.501)	39702	125.000	130.1(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	3.661	3.652	(0.516)	80516	5.00000	6.02
	16 Acrylonitrile	53	3.651	3.692	(0.515)	126995	50.0000	51.82
	17 Methyl-tert-butyl ether[MTBE]	73	3.691	3.731	(0.521)	182295	5.00000	5.41
	18 1,1-Dichloroethane (**)	63	4.262	4.263	(0.601)	136506	5.00000	5.37
	19 Vinyl acetate	43	4.390	4.411	(0.619)	394574	10.0000	10.63
	20 Isopropyl ether	45	4.420	4.460	(0.623)	293560	5.00000	5.53
	21 2,2-Dichloropropane	77	5.139	5.140	(0.725)	140015	5.00000	5.58
	22 Tert-butyl ethyl ether	59	5.001	5.012	(0.705)	246837	5.00000	5.33
	23 cis-1,2-Dichloroethene	96	5.168	5.170	(0.729)	74319	5.00000	5.21
	24 2-Butanone	43	5.267	5.298	(0.743)	152442	25.0000	27.71
	25 Bromochloromethane	128	5.553	5.554	(0.783)	45047	5.00000	5.34
	26 Chloroform (*)	83	5.710	5.721	(0.805)	178290	5.00000	5.46
	27 Tetrahydrofuran	42	5.651	5.692	(0.797)	24730	5.00000	5.35
M	28 1,2-Dichloroethene (total)	100				154835	10.0000	11.24
$	29 Dibromofluoromethane	111	5.976	5.987	(0.843)	173907	5.00000	6.28
	30 1,1,1-Trichloroethane	97	5.967	5.948	(0.842)	155856	5.00000	5.31
	31 Carbon Tetrachloride	117	6.223	6.234	(0.878)	146938	5.00000	5.42
	32 1,1-Dichloropropene	75	6.252	6.244	(0.882)	139449	5.00000	5.54
$	33 1,2-Dichloroethane-d4	65	6.508	6.519	(0.918)	125487	5.00000	6.21
	34 1,2-Dichloroethane-d4 2nd	102	6.508	6.519	(0.918)	25443	5.00000	5.83
	35 Benzene	78	6.587	6.579	(0.929)	230723	5.00000	5.48
	36 1,2-Dichloroethane	62	6.636	6.647	(0.936)	120061	5.00000	5.35
	37 Tert-amyl methyl ether	73	6.863	6.884	(0.968)	236807	5.00000	5.23
*	38 Fluorobenzene	96	7.090	7.091	(1.000)	2342636	50.0000	
	39 Trichloroethene	130	7.730	7.721	(1.090)	95673	5.00000	5.23
	40 1,2-Dichloropropane(*)	63	8.104	8.115	(1.143)	97633	5.00000	5.20
	41 Dibromomethane	93	8.302	8.313	(1.171)	81106	5.00000	5.16
	42 Bromodichloromethane	83	8.636	8.647	(1.218)	165479	5.00000	5.15
	43 1-Bromo-2-chloroethane	63	9.159	9.160	(1.292)	165421	5.00000	5.63
	44 2-Chloroethylvinyl ether	106	9.247	9.258	(1.304)	24903	10.0000	9.10
	45 cis-1,3-Dichloropropene	75	9.454	9.455	(1.334)	145932	5.00000	5.27
	46 4-Methyl-2-pentanone	43	9.799	9.830	(1.382)	478963	25.0000	27.70
$	47 Toluene-d8	98	9.908	9.918	(0.786)	296109	5.00000	6.37
	48 Toluene (*)	91	10.026	10.046	(0.796)	266525	5.00000	5.14
	49 trans-1,3-Dichloropropene	75	10.499	10.510	(0.833)	123806	5.00000	4.83(a)
	50 1,1,2-Trichloroethane	97	10.834	10.844	(0.860)	91956	5.00000	5.11
	51 Tetrachloroethene	164	11.021	11.032	(0.875)	94252	5.00000	5.22
	52 1,3-Dichloropropane	76	11.119	11.130	(0.883)	154034	5.00000	5.09
	53 2-Hexanone	43	11.356	11.396	(0.901)	336401	25.0000	25.12
	54 Dibromochloromethane	129	11.523	11.544	(0.915)	134490	5.00000	4.84(a)
	55 1,2-Dibromoethane	107	11.681	11.702	(0.927)	122858	5.00000	4.88(a)
*	56 Chlorobenzene-d5	117	12.597	12.598	(1.000)	1966535	50.0000	
	57 Chlorobenzene (**)	112	12.646	12.667	(1.004)	208631	5.00000	5.22
	58 1,1,1,2-Tetrachloroethane	131	12.834	12.854	(1.019)	105257	5.00000	5.02
	59 Ethylbenzene (*)	106	12.903	12.923	(1.024)	100322	5.00000	5.25
	60 m,p-Xylenes	106	13.159	13.170	(1.045)	249127	10.0000	10.58
	61 o-Xylene	106	13.907	13.928	(1.104)	121783	5.00000	5.20

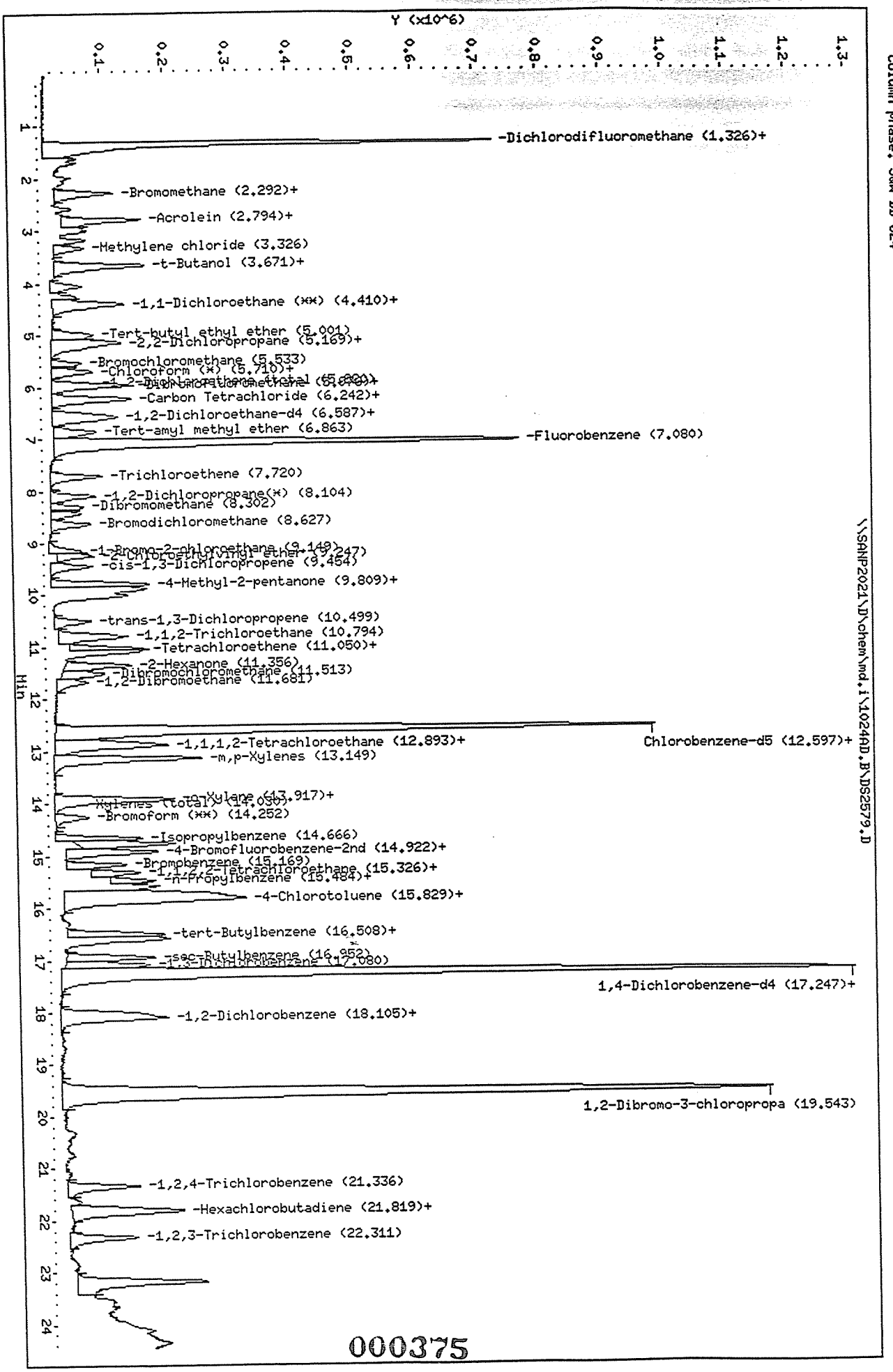
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
62 Styrene	104	13.937	13.977	(1.106)	187542	5.00000	5.00
M 63 Xylenes (total)	100				370910	15.0000	15.77
64 Bromoform (**)	173	14.252	14.273	(1.131)	92828	5.00000	4.47(a)
65 Isopropylbenzene	105	14.666	14.687	(1.164)	366207	5.00000	5.26
66 4-Bromofluorobenzene-2nd	174	14.942	14.963	(0.867)	143841	5.00000	6.69
$ 67 4-Bromofluorobenzene	95	14.942	14.963	(0.867)	241858	5.00000	6.79
68 Bromobenzene	156	15.159	15.199	(0.879)	106855	5.00000	5.29
69 1,1,2,2-Tetrachloroethane(**)	83	15.306	15.347	(0.888)	149825	5.00000	5.23
70 1,2,3-Trichloropropane	110	15.346	15.367	(0.890)	40741	5.00000	5.09
71 n-Propylbenzene	91	15.484	15.524	(0.898)	396381	5.00000	5.35
72 2-Chlorotoluene	126	15.592	15.633	(0.905)	88168	5.00000	5.53
73 4-Chlorotoluene	126	15.829	15.849	(0.918)	97568	5.00000	5.82
74 1,3,5-Trimethylbenzene	105	15.868	15.899	(0.921)	320293	5.00000	5.70
75 tert-Butylbenzene	119	16.508	16.529	(0.958)	317659	5.00000	5.51
76 1,2,4-Trimethylbenzene	105	16.597	16.638	(0.963)	313299	5.00000	5.55
77 sec-Butylbenzene	105	16.952	16.982	(0.983)	432373	5.00000	5.61
78 1,3-Dichlorobenzene	146	17.100	17.130	(0.992)	187002	5.00000	5.53
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.268	(1.000)	1140656	50.0000	
80 1,4-Dichlorobenzene	146	17.287	17.327	(1.003)	203621	5.00000	5.68
81 p-Isopropyltoluene	119	17.277	17.298	(1.002)	342293	5.00000	5.71
82 1,2-Dichlorobenzene	146	18.006	18.037	(1.045)	177633	5.00000	5.45
83 n-Butylbenzene	91	18.105	18.135	(1.050)	337584	5.00000	5.54
84 1,2-Dibromo-3-chloropropane	157	19.632	19.652	(1.139)	34293	5.00000	4.53(a)
85 1,2,4-Trichlorobenzene	180	21.336	21.357	(1.238)	141210	5.00000	5.46
86 Hexachlorobutadiene	225	21.770	21.790	(1.263)	60971	5.00000	4.32(a)
87 Napthalene	128	21.809	21.830	(1.265)	278309	5.00000	5.68
88 1,2,3-Trichlorobenzene	180	22.321	22.352	(1.295)	131522	5.00000	5.51

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\SANP2021\D\chem\md.i\1024AD.B\DS2579.D
Date : 24-OCT-2000 12:13
Client ID:
Sample Info: 5 PPB 8260B STD,,,1.0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



000375

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1024AD.B\DS2580.D
Lab Smp Id: 20 PPB 8260B STD
Inj Date : 24-OCT-2000 12:45
Operator : GFB Inst ID: md.i
Smp Info : 20 PPB 8260B STD,,,2,0,,,8260BDA.M
Misc Info : 1273-1;66-1;69-2,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Meth Date : 24-Oct-2000 15:08 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 12:13 Cal File: DS2579.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	1.467	1.495	(0.207)	368800	20.0000	21.07
2 Vinyl chloride (*)	62	1.703	1.731	(0.240)	240239	20.0000	20.49
3 Chloromethane (**)	50	1.624	1.633	(0.229)	294838	20.0000	21.92
4 Bromomethane	94	1.979	1.978	(0.279)	152726	20.0000	20.72
5 Chloroethane	64	2.067	2.096	(0.292)	150555	20.0000	23.98
6 Trichlorofluoromethane	101	2.284	2.313	(0.323)	602079	20.0000	23.02
7 Acrolein	56	2.698	2.726	(0.381)	182761	200.000	212.2(A)
8 1,1-Dichloroethene(*)	96	2.777	2.766	(0.392)	252095	20.0000	21.20
9 1,1,2-Trichlorotrifluoroethan	151	2.787	2.766	(0.393)	318611	20.0000	21.46
10 Acetone	43	2.866	2.923	(0.405)	326431	100.000	103.4
11 Iodomethane	142	2.934	2.923	(0.414)	580875	40.0000	43.74
12 Carbon disulfide	76	3.003	2.982	(0.424)	559766	20.0000	20.93
13 Methylene chloride	84	3.329	3.337	(0.470)	270971	20.0000	20.46
14 t-Butanol	59	3.555	3.712	(0.502)	172394	500.000	543.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.674	3.652	(0.519)	284110	20.0000	20.44
	16 Acrylonitrile	53	3.644	3.692	(0.515)	544977	200.000	213.8(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.693	3.731	(0.521)	736779	20.0000	21.02
	18 1,1-Dichloroethane (**)	63	4.255	4.263	(0.601)	556469	20.0000	21.04
	19 Vinyl acetate	43	4.383	4.411	(0.619)	1656267	40.0000	42.90
	20 Isopropyl ether	45	4.422	4.460	(0.624)	1164423	20.0000	21.10
	21 2,2-Dichloropropane	77	5.141	5.140	(0.726)	553796	20.0000	21.21
	22 Tert-butyl ethyl ether	59	5.003	5.012	(0.706)	1001578	20.0000	20.78
	23 cis-1,2-Dichloroethene	96	5.161	5.170	(0.729)	330026	20.0000	22.26
	24 2-Butanone	43	5.260	5.298	(0.743)	605652	100.000	105.9
	25 Bromochloromethane	128	5.545	5.554	(0.783)	181950	20.0000	20.74
	26 Chloroform (*)	83	5.713	5.721	(0.807)	707747	20.0000	20.86
	27 Tetrahydrofuran	42	5.664	5.692	(0.800)	102241	20.0000	21.28
M	28 1,2-Dichloroethene (total)	100				614136	40.0000	42.71
$	29 Dibromofluoromethane	111	5.969	5.987	(0.843)	569763	20.0000	19.78
	30 1,1,1-Trichloroethane	97	5.949	5.948	(0.840)	646477	20.0000	21.18
	31 Carbon Tetrachloride	117	6.235	6.234	(0.880)	595692	20.0000	21.15
	32 1,1-Dichloropropene	75	6.235	6.244	(0.880)	554803	20.0000	21.21
$	33 1,2-Dichloroethane-d4	65	6.511	6.519	(0.919)	423784	20.0000	20.18
	34 1,2-Dichloroethane-d4 2nd	102	6.501	6.519	(0.918)	84220	20.0000	18.54
	35 Benzene	78	6.590	6.579	(0.930)	934866	20.0000	21.36
	36 1,2-Dichloroethane	62	6.639	6.647	(0.937)	494387	20.0000	21.20
	37 Tert-amyl methyl ether	73	6.866	6.884	(0.969)	1010063	20.0000	21.46
*	38 Fluorobenzene	96	7.082	7.091	(1.000)	2436120	50.0000	
	39 Trichloroethene	130	7.723	7.721	(1.090)	393329	20.0000	20.69
	40 1,2-Dichloropropane(*)	63	8.107	8.115	(1.145)	409029	20.0000	20.97
	41 Dibromomethane	93	8.304	8.313	(1.172)	339705	20.0000	20.78
	42 Bromodichloromethane	83	8.639	8.647	(1.220)	691637	20.0000	20.70
	43 1-Bromo-2-chloroethane	63	9.142	9.160	(1.291)	647455	20.0000	21.18
	44 2-Chloroethylvinyl ether	106	9.240	9.258	(1.305)	118649	40.0000	41.70
	45 cis-1,3-Dichloropropene	75	9.447	9.455	(1.334)	593140	20.0000	20.61
	46 4-Methyl-2-pentanone	43	9.792	9.830	(1.383)	1949664	100.000	108.4
$	47 Toluene-d8	98	9.910	9.918	(0.787)	955480	20.0000	21.00
	48 Toluene (*)	91	10.018	10.046	(0.795)	1074278	20.0000	21.15
	49 trans-1,3-Dichloropropene	75	10.511	10.510	(0.834)	511965	20.0000	20.41
	50 1,1,2-Trichloroethane	97	10.816	10.844	(0.858)	373726	20.0000	21.23
	51 Tetrachloroethene	164	11.033	11.032	(0.876)	375324	20.0000	21.23
	52 1,3-Dichloropropane	76	11.112	11.130	(0.882)	629451	20.0000	21.26
	53 2-Hexanone	43	11.358	11.396	(0.901)	1410256	100.000	107.6
	54 Dibromochloromethane	129	11.526	11.544	(0.915)	571111	20.0000	21.00
	55 1,2-Dibromoethane	107	11.683	11.702	(0.927)	509625	20.0000	20.70
*	56 Chlorobenzene-d5	117	12.600	12.598	(1.000)	1924119	50.0000	
	57 Chlorobenzene (**)	112	12.649	12.667	(1.004)	823352	20.0000	21.06
	58 1,1,1,2-Tetrachloroethane	131	12.836	12.854	(1.019)	430321	20.0000	20.98
	59 Ethylbenzene (*)	106	12.905	12.923	(1.024)	397616	20.0000	21.28
	60 m,p-Xylenes	106	13.151	13.170	(1.044)	995379	40.0000	43.19
	61 o-Xylene	106	13.900	13.928	(1.103)	488301	20.0000	21.30

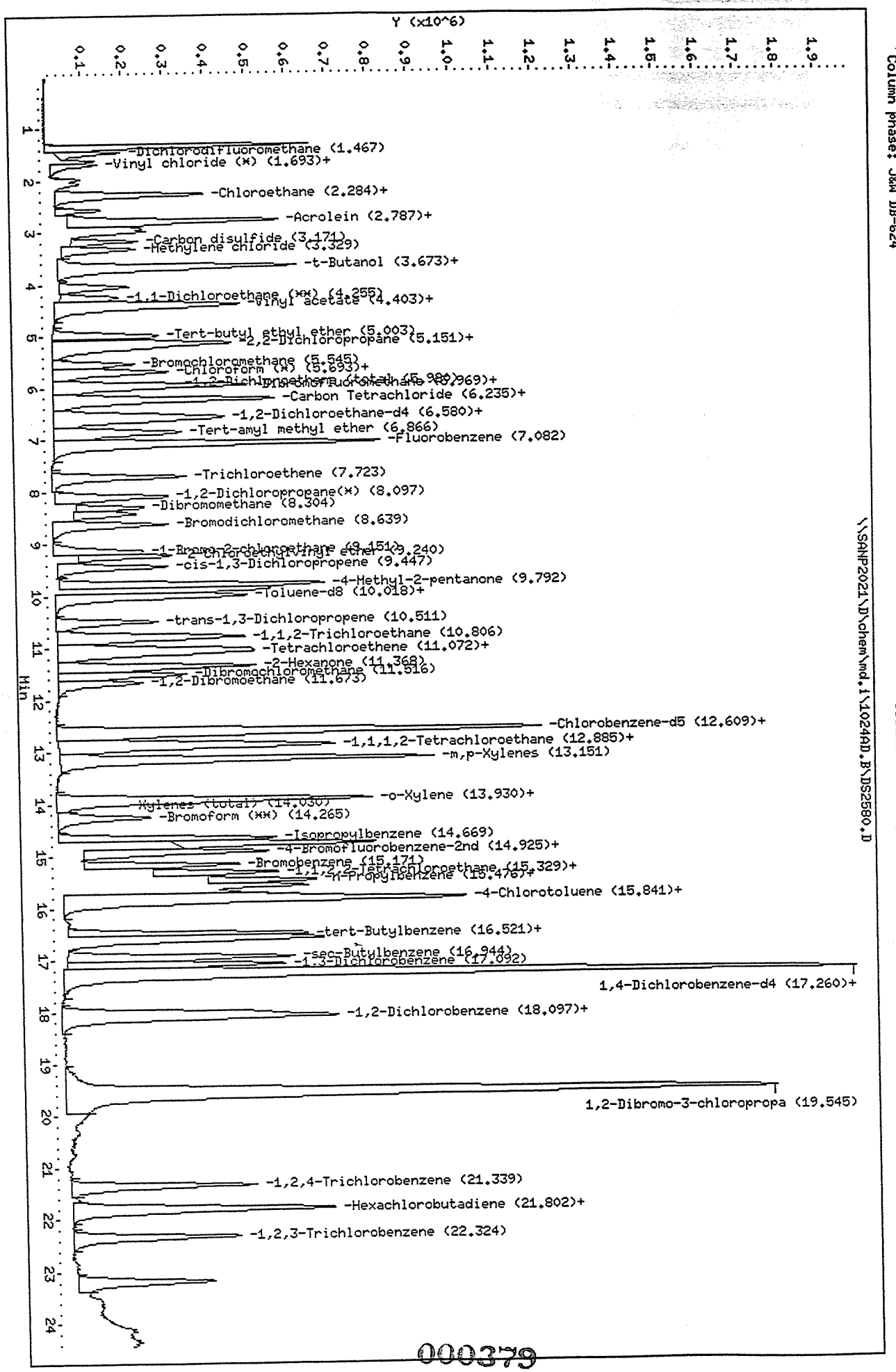
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.949	13.977	(1.107)	776308	20.0000	21.14
M	63 Xylenes (total)	100				1483680	60.0000	64.48
	64 Bromoform (**)	173	14.265	14.273	(1.132)	416674	20.0000	20.49
	65 Isopropylbenzene	105	14.669	14.687	(1.164)	1463515	20.0000	21.50
	66 4-Bromofluorobenzene-2nd	174	14.925	14.963	(0.866)	452195	20.0000	20.26
$	67 4-Bromofluorobenzene	95	14.935	14.963	(0.866)	752430	20.0000	20.33
	68 Bromobenzene	156	15.171	15.199	(0.880)	425447	20.0000	20.30
	69 1,1,2,2-Tetrachloroethane(**)	83	15.319	15.347	(0.889)	619287	20.0000	20.81
	70 1,2,3-Trichloropropane	110	15.339	15.367	(0.890)	171341	20.0000	20.61
	71 n-Propylbenzene	91	15.496	15.524	(0.899)	1571014	20.0000	20.41
	72 2-Chlorotoluene	126	15.595	15.633	(0.905)	346303	20.0000	20.92
	73 4-Chlorotoluene	126	15.821	15.849	(0.918)	361800	20.0000	20.78
	74 1,3,5-Trimethylbenzene	105	15.871	15.899	(0.921)	1229957	20.0000	21.07
	75 tert-Butylbenzene	119	16.511	16.529	(0.958)	1253842	20.0000	20.96
	76 1,2,4-Trimethylbenzene	105	16.609	16.638	(0.963)	1240670	20.0000	21.17
	77 sec-Butylbenzene	105	16.954	16.982	(0.983)	1675554	20.0000	20.93
	78 1,3-Dichlorobenzene	146	17.092	17.130	(0.991)	716939	20.0000	20.41
*	79 1,4-Dichlorobenzene-d4	152	17.240	17.268	(1.000)	1184566	50.0000	
	80 1,4-Dichlorobenzene	146	17.279	17.327	(1.002)	803562	20.0000	21.58
	81 p-Isopropyltoluene	119	17.279	17.298	(1.002)	1323702	20.0000	21.25
	82 1,2-Dichlorobenzene	146	18.008	18.037	(1.045)	706809	20.0000	20.88
	83 n-Butylbenzene	91	18.107	18.135	(1.050)	1339917	20.0000	21.20
	84 1,2-Dibromo-3-chloropropane	157	19.624	19.652	(1.138)	153921	20.0000	19.57
	85 1,2,4-Trichlorobenzene	180	21.339	21.357	(1.238)	541984	20.0000	20.17
	86 Hexachlorobutadiene	225	21.772	21.790	(1.263)	283053	20.0000	19.30
	87 Napthalene	128	21.811	21.830	(1.265)	1053261	20.0000	20.70
	88 1,2,3-Trichlorobenzene	180	22.334	22.352	(1.295)	499405	20.0000	20.16

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\chem\md.i\1024AD.B\DS2580.D
Date : 24-OCT-2000 12:45
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\1024AD.B\DS2581.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 24-OCT-2000 13:16
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1273-1;66-1;73-2,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Meth Date : 24-Oct-2000 15:08 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 12:13 Cal File: DS2579.D
Als bottle: 4 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	1.471	1.495	(0.208)	920758	50.0000	51.07
2 Vinyl chloride (*)	62	1.708	1.731	(0.241)	610480	50.0000	50.57
3 Chloromethane (**)	50	1.629	1.633	(0.230)	659612	50.0000	47.63
4 Bromomethane	94	1.984	1.978	(0.280)	403513	50.0000	53.16
5 Chloroethane	64	2.072	2.096	(0.292)	373409	50.0000	57.76
6 Trichlorofluoromethane	101	2.299	2.313	(0.324)	1488985	50.0000	55.28
7 Acrolein	56	2.703	2.726	(0.381)	459903	500.000	518.4(A)
8 1,1-Dichloroethene(*)	96	2.782	2.766	(0.393)	598074	50.0000	48.85
9 1,1,2-Trichlorotrifluoroethan	151	2.792	2.766	(0.394)	803160	50.0000	52.54
10 Acetone	43	2.870	2.923	(0.405)	790908	250.000	243.2
11 Iodomethane	142	2.939	2.923	(0.415)	1489656	100.000	108.9(A)
12 Carbon disulfide	76	3.008	2.982	(0.424)	1433643	50.0000	52.04
13 Methylene chloride	84	3.333	3.337	(0.470)	695010	50.0000	50.95
14 t-Butanol	59	3.580	3.712	(0.505)	429373	1250.00	1314

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	3.668	3.652	(0.518)	712182	50.0000	49.76
16 Acrylonitrile	53	3.659	3.692	(0.516)	1347080	500.000	513.3(A)
17 Methyl-tert-butyl ether[MTBE]	73	3.708	3.731	(0.523)	1848845	50.0000	51.21
18 1,1-Dichloroethane (**)	63	4.260	4.263	(0.601)	1384720	50.0000	50.85
19 Vinyl acetate	43	4.398	4.411	(0.620)	4045006	100.000	101.7(A)
20 Isopropyl ether	45	4.437	4.460	(0.626)	2933419	50.0000	51.62
21 2,2-Dichloropropane	77	5.146	5.140	(0.726)	1369932	50.0000	50.94
22 Tert-butyl ethyl ether	59	4.998	5.012	(0.705)	2562474	50.0000	51.64
23 cis-1,2-Dichloroethene	96	5.166	5.170	(0.729)	770527	50.0000	50.48
24 2-Butanone	43	5.265	5.298	(0.743)	1455239	250.000	247.0
25 Bromochloromethane	128	5.550	5.554	(0.783)	467915	50.0000	51.79
26 Chloroform (*)	83	5.718	5.721	(0.807)	1798495	50.0000	51.47
27 Tetrahydrofuran	42	5.668	5.692	(0.800)	256602	50.0000	51.86
M 28 1,2-Dichloroethene (total)	100				1482709	100.000	100.2
$ 29 Dibromofluoromethane	111	5.984	5.987	(0.844)	1503166	50.0000	50.68
30 1,1,1-Trichloroethane	97	5.964	5.948	(0.842)	1633168	50.0000	51.96
31 Carbon Tetrachloride	117	6.240	6.234	(0.880)	1495708	50.0000	51.56
32 1,1-Dichloropropene	75	6.250	6.244	(0.882)	1390382	50.0000	51.61
$ 33 1,2-Dichloroethane-d4	65	6.516	6.519	(0.919)	1046261	50.0000	48.38
34 1,2-Dichloroethane-d4 2nd	102	6.516	6.519	(0.919)	240861	50.0000	51.50
35 Benzene	78	6.585	6.579	(0.929)	2345911	50.0000	52.04
36 1,2-Dichloroethane	62	6.644	6.647	(0.937)	1233741	50.0000	51.37
37 Tert-amyl methyl ether	73	6.870	6.884	(0.969)	2494467	50.0000	51.47
* 38 Fluorobenzene	96	7.087	7.091	(1.000)	2508747	50.0000	
39 Trichloroethene	130	7.728	7.721	(1.090)	1031265	50.0000	52.68
40 1,2-Dichloropropane(*)	63	8.112	8.115	(1.145)	1046474	50.0000	52.10
41 Dibromomethane	93	8.309	8.313	(1.172)	860868	50.0000	51.14
42 Bromodichloromethane	83	8.644	8.647	(1.220)	1807223	50.0000	52.54
43 1-Bromo-2-chloroethane	63	9.146	9.160	(1.291)	1638723	50.0000	52.07
44 2-Chloroethylvinyl ether	106	9.245	9.258	(1.304)	310561	100.000	106.0(A)
45 cis-1,3-Dichloropropene	75	9.452	9.455	(1.334)	1536658	50.0000	51.86
46 4-Methyl-2-pentanone	43	9.806	9.830	(1.384)	4888233	250.000	264.0
$ 47 Toluene-d8	98	9.915	9.918	(0.787)	2276001	50.0000	49.35
48 Toluene (*)	91	10.033	10.046	(0.796)	2741769	50.0000	53.25
49 trans-1,3-Dichloropropene	75	10.506	10.510	(0.834)	1335111	50.0000	52.50
50 1,1,2-Trichloroethane	97	10.821	10.844	(0.859)	937519	50.0000	52.53
51 Tetrachloroethene	164	11.038	11.032	(0.876)	952375	50.0000	53.14
52 1,3-Dichloropropane	76	11.117	11.130	(0.882)	1593966	50.0000	53.11
53 2-Hexanone	43	11.373	11.396	(0.902)	3503415	250.000	263.7
54 Dibromochloromethane	129	11.531	11.544	(0.915)	1448615	50.0000	52.55
55 1,2-Dibromoethane	107	11.688	11.702	(0.927)	1321903	50.0000	52.97
* 56 Chlorobenzene-d5	117	12.604	12.598	(1.000)	1950718	50.0000	
57 Chlorobenzene (**)	112	12.654	12.667	(1.004)	2095445	50.0000	52.87
58 1,1,1,2-Tetrachloroethane	131	12.851	12.854	(1.020)	1102493	50.0000	53.02
59 Ethylbenzene (*)	106	12.910	12.923	(1.024)	1022810	50.0000	54.00
60 m,p-Xylenes	106	13.156	13.170	(1.044)	2504460	100.000	107.2
61 o-Xylene	106	13.915	13.928	(1.104)	1245322	50.0000	53.57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.954	13.977	(1.107)	2005365	50.0000	53.87
M	63 Xylenes (total)	100				3749782	150.000	160.8
	64 Bromoform (**)	173	14.269	14.273	(1.132)	1107693	50.0000	53.73
	65 Isopropylbenzene	105	14.673	14.687	(1.164)	3662110	50.0000	53.06
	66 4-Bromofluorobenzene-2nd	174	14.939	14.963	(0.866)	1066425	50.0000	46.29
$	67 4-Bromofluorobenzene	95	14.930	14.963	(0.866)	1766963	50.0000	46.25
	68 Bromobenzene	156	15.176	15.199	(0.880)	1106324	50.0000	51.12
	69 1,1,2,2-Tetrachloroethane(**)	83	15.324	15.347	(0.889)	1557877	50.0000	50.71
	70 1,2,3-Trichloropropane	110	15.343	15.367	(0.890)	430740	50.0000	50.18
	71 n-Propylbenzene	91	15.491	15.524	(0.898)	4271503	50.0000	53.76
	72 2-Chlorotoluene	126	15.600	15.633	(0.905)	859051	50.0000	50.27
	73 4-Chlorotoluene	126	15.836	15.849	(0.918)	896139	50.0000	49.86
	74 1,3,5-Trimethylbenzene	105	15.875	15.899	(0.921)	3045648	50.0000	50.53
	75 tert-Butylbenzene	119	16.506	16.529	(0.957)	3165431	50.0000	51.24
	76 1,2,4-Trimethylbenzene	105	16.614	16.638	(0.963)	3081565	50.0000	50.92
	77 sec-Butylbenzene	105	16.949	16.982	(0.983)	4240938	50.0000	51.30
	78 1,3-Dichlorobenzene	146	17.097	17.130	(0.991)	1857313	50.0000	51.21
*	79 1,4-Dichlorobenzene-d4	152	17.245	17.268	(1.000)	1222973	50.0000	
	80 1,4-Dichlorobenzene	146	17.284	17.327	(1.002)	1968184	50.0000	51.20
	81 p-Isopropyltoluene	119	17.284	17.298	(1.002)	3328631	50.0000	51.76
	82 1,2-Dichlorobenzene	146	18.013	18.037	(1.045)	1773759	50.0000	50.77
	83 n-Butylbenzene	91	18.112	18.135	(1.050)	3373454	50.0000	51.69
	84 1,2-Dibromo-3-chloropropane	157	19.639	19.652	(1.139)	397122	50.0000	48.91
	85 1,2,4-Trichlorobenzene	180	21.353	21.357	(1.238)	1411253	50.0000	50.88
	86 Hexachlorobutadiene	225	21.777	21.790	(1.263)	885351	50.0000	58.48
	87 Napthalene	128	21.816	21.830	(1.265)	2645846	50.0000	50.35
	88 1,2,3-Trichlorobenzene	180	22.338	22.352	(1.295)	1301538	50.0000	50.88

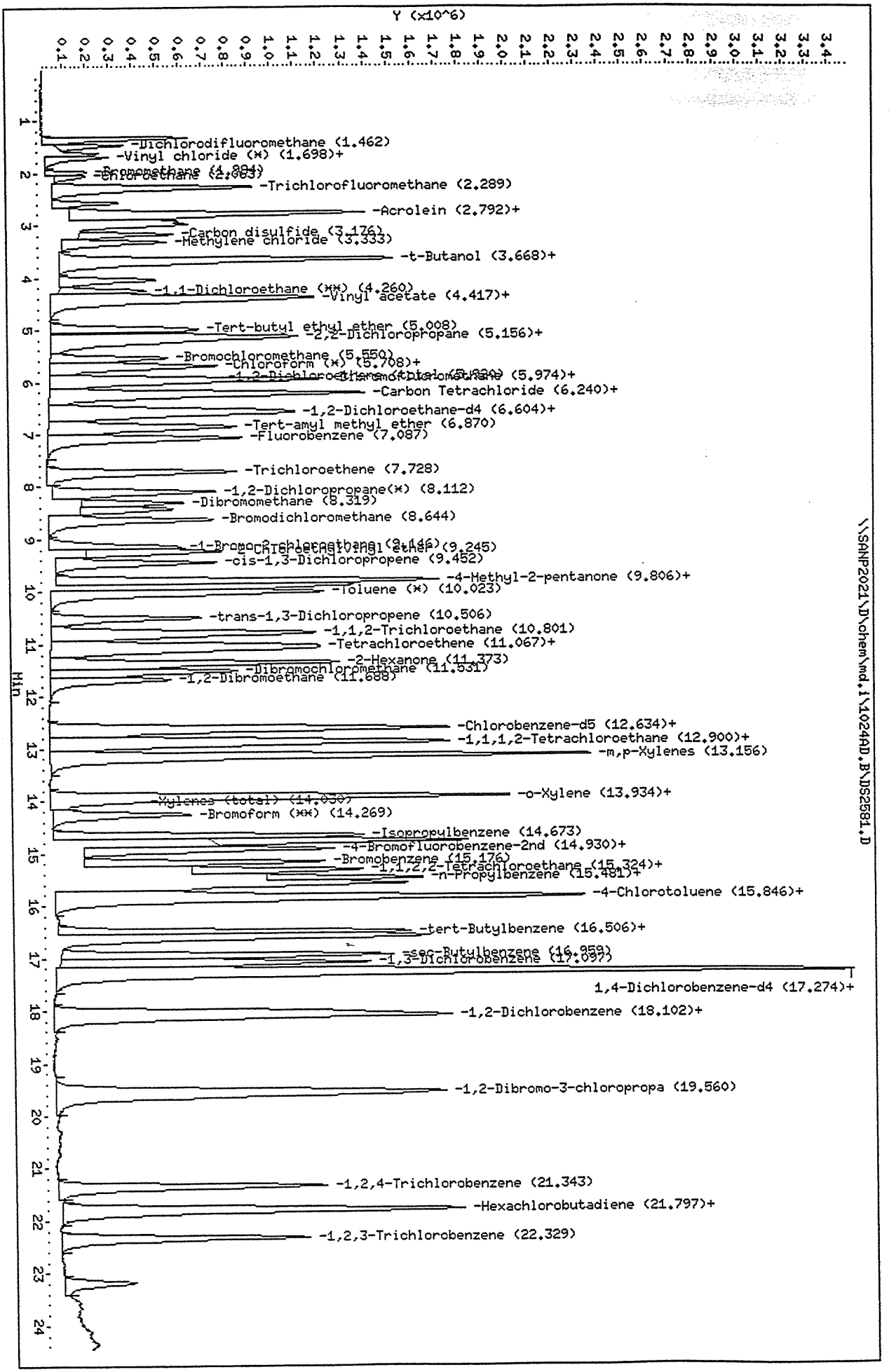
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\chem\md.i\1024AD.B\DS2581.D
Date : 24-OCT-2000 13:16
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



000383

Data File: \\SANP2021\D\chem\md.i\1024AD.B/DS2581.D

STL Los Angeles Diagnostics Report

Data File : \\SANP2021\D\chem\md.i\1024AD.B/DS2581.D
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1273-1;66-1;73-2,,5,,1,all.SUB

Inj Date : 24-OCT-2000 13:16
Sub List : all.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	1.47	1.49	0.02	920758	0.35932	51.07	1
3)	Chloromethane (**)	50	1.63	1.63	0.00	659612	0.27602	47.63	1
2)	Vinyl chloride (*)	62	1.71	1.73	0.02	610480	0.24059	50.57	1
4)	Bromomethane	94	1.98	1.98	-0.01	403513	0.15127	53.16	1
5)	Chloroethane	64	2.07	2.10	0.02	373409	0.12884	57.76	1
6)	Trichlorofluoromethane	101	2.30	2.31	0.01	1488985	0.53680	55.28	1
7)	Acrolein	56	2.70	2.73	0.02	459903	0.01768	518.40	1
8)	1,1-Dichloroethene(*)	96	2.78	2.77	-0.02	598074	0.24399	48.85	1
9)	1,1,2-Trichlorotrifluoroethan	151	2.79	2.77	-0.03	803160	0.30468	52.54	1
10)	Acetone	43	2.87	2.92	0.05	790908	0.06482	243.17	1
11)	Iodomethane	142	2.94	2.92	-0.02	1489656	0.27257	108.92	1
12)	Carbon disulfide	76	3.01	2.98	-0.03	1433643	0.54902	52.04	1
13)	Methylene chloride	84	3.33	3.34	0.00	695010	0.27188	50.95	1
14)	t-Butanol	59	3.58	3.71	0.13	429373	0.00651	1313.94	1
16)	Acrylonitrile	53	3.66	3.69	0.03	1347080	0.05231	513.27	1
15)	trans-1,2-Dichloroethene	96	3.67	3.65	-0.02	712182	0.28525	49.76	1
17)	Methyl-tert-butyl ether[MTBE]	73	3.71	3.73	0.02	1848845	0.71954	51.21	1
18)	1,1-Dichloroethane (**)	63	4.26	4.26	0.00	1384720	0.54274	50.85	1
19)	Vinyl acetate	43	4.40	4.41	0.01	4045006	0.79238	101.74	1
20)	Isopropyl ether	45	4.44	4.46	0.02	2933419	1.13268	51.62	1
22)	Tert-butyl ethyl ether	59	5.00	5.01	0.01	2562474	0.98904	51.64	1
21)	2,2-Dichloropropane	77	5.15	5.14	-0.01	1369932	0.53598	50.94	1
23)	cis-1,2-Dichloroethene	96	5.17	5.17	0.00	770527	0.30423	50.48	1
24)	2-Butanone	43	5.26	5.30	0.03	1455239	0.11740	247.05	1
25)	Bromochloromethane	128	5.55	5.55	0.00	467915	0.18007	51.79	1
27)	Tetrahydrofuran	42	5.67	5.69	0.02	256602	0.09862	51.86	1
26)	Chloroform (*)	83	5.72	5.72	0.00	1798495	0.69643	51.47	1
28)	1,2-Dichloroethene (total)	100	5.92	5.92	0.00	1482709	0.29474	100.24	1
30)	1,1,1-Trichloroethane	97	5.96	5.95	-0.02	1633168	0.62645	51.96	1
29) $	Dibromofluoromethane	111	5.98	5.99	0.00	1503166	0.59113	50.68	1
31)	Carbon Tetrachloride	117	6.24	6.23	-0.01	1495708	0.57812	51.56	1
32)	1,1-Dichloropropene	75	6.25	6.24	-0.01	1390382	0.53688	51.61	1
34)	1,2-Dichloroethane-d4 2nd	102	6.52	6.52	0.00	240861	0.09321	51.50	1
33) $	1,2-Dichloroethane-d4	65	6.52	6.52	0.00	1046261	0.43098	48.38	1
35)	Benzene	78	6.58	6.58	-0.01	2345911	0.89846	52.04	1
36)	1,2-Dichloroethane	62	6.64	6.65	0.00	1233741	0.47865	51.37	1
37)	Tert-amyl methyl ether	73	6.87	6.88	0.01	2494467	0.96596	51.47	1
38) *	Fluorobenzene	96	7.09	7.09	0.00	2508747	1.00000	50.00	1
39)	Trichloroethene	130	7.73	7.72	-0.01	1031265	0.39012	52.68	1
40)	1,2-Dichloropropane(*)	63	8.11	8.12	0.00	1046474	0.40033	52.10	1
41)	Dibromomethane	93	8.31	8.31	0.00	860868	0.33551	51.14	1
42)	Bromodichloromethane	83	8.64	8.65	0.00	1807223	0.68558	52.54	1
43)	1-Bromo-2-chloroethane	63	9.15	9.16	0.01	1638723	0.62726	52.07	1
44)	2-Chloroethylvinyl ether	106	9.24	9.26	0.01	310561	0.05840	105.98	1
45)	cis-1,3-Dichloropropene	75	9.45	9.46	0.00	1536658	0.59057	51.86	1

STL Los Angeles Diagnostics Report

Data File : \\SANP2021\D\chem\md.i\1024AD.B/DS2581.D
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1273-1;66-1;73-2,,5,,1,all.SUB

Inj Date : 24-OCT-2000 13:16
Sub List : all.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	9.81	9.83	0.02	4888233	0.36909	263.95	1
47) $	Toluene-d8	98	9.91	9.92	0.00	2276001	1.18205	49.35	2
48)	Toluene (*)	91	10.03	10.05	0.01	2741769	1.31962	53.25	2
49)	trans-1,3-Dichloropropene	75	10.51	10.51	0.00	1335111	0.65186	52.50	2
50)	1,1,2-Trichloroethane	97	10.82	10.84	0.02	937519	0.45747	52.53	2
51)	Tetrachloroethene	164	11.04	11.03	-0.01	952375	0.45939	53.14	2
52)	1,3-Dichloropropane	76	11.12	11.13	0.01	1593966	0.76925	53.11	2
53)	2-Hexanone	43	11.37	11.40	0.02	3503415	0.34052	263.71	2
54)	Dibromochloromethane	129	11.53	11.54	0.01	1448615	0.70662	52.55	2
55)	1,2-Dibromoethane	107	11.69	11.70	0.01	1321903	0.63968	52.97	2
56) *	Chlorobenzene-d5	117	12.60	12.60	-0.01	1950718	1.00000	50.00	2
57)	Chlorobenzene (**)	112	12.65	12.67	0.01	2095445	1.01584	52.87	2
58)	1,1,1,2-Tetrachloroethane	131	12.85	12.85	0.00	1102493	0.53293	53.02	2
59)	Ethylbenzene (*)	106	12.91	12.92	0.01	1022810	0.48544	54.01	2
60)	m,p-Xylenes	106	13.16	13.17	0.01	2504460	0.59890	107.18	2
61)	o-Xylene	106	13.91	13.93	0.01	1245322	0.59580	53.57	2
62)	Styrene	104	13.95	13.98	0.02	2005365	0.95410	53.87	2
63)	Xylenes (total)	100	14.03	14.03	0.00	3749782	0.59787	160.76	2
64)	Bromoform (**)	173	14.27	14.27	0.00	1107693	0.52838	53.73	2
65)	Isopropylbenzene	105	14.67	14.69	0.01	3662110	1.76913	53.06	2
67) $	4-Bromofluorobenzene	95	14.93	14.96	0.03	1766963	1.56185	46.25	3
66)	4-Bromofluorobenzene-2nd	174	14.94	14.96	0.02	1066425	0.94190	46.29	3
68)	Bromobenzene	156	15.18	15.20	0.02	1106324	0.88483	51.12	3
69)	1,1,2,2-Tetrachloroethane(**)	83	15.32	15.35	0.02	1557877	1.25607	50.71	3
70)	1,2,3-Trichloropropane	110	15.34	15.37	0.02	430740	0.35090	50.19	3
71)	n-Propylbenzene	91	15.49	15.52	0.03	4271503	3.24826	53.76	3
72)	2-Chlorotoluene	126	15.60	15.63	0.03	859051	0.69859	50.27	3
73)	4-Chlorotoluene	126	15.84	15.85	0.01	896139	0.73473	49.87	3
74)	1,3,5-Trimethylbenzene	105	15.88	15.90	0.02	3045648	2.46442	50.53	3
75)	tert-Butylbenzene	119	16.51	16.53	0.02	3165431	2.52551	51.24	3
76)	1,2,4-Trimethylbenzene	105	16.61	16.64	0.02	3081565	2.47398	50.92	3
77)	sec-Butylbenzene	105	16.95	16.98	0.03	4240938	3.37956	51.30	3
78)	1,3-Dichlorobenzene	146	17.10	17.13	0.03	1857313	1.48278	51.21	3
79) *	1,4-Dichlorobenzene-d4	152	17.24	17.27	0.02	1222973	1.00000	50.00	3
80)	1,4-Dichlorobenzene	146	17.28	17.33	0.04	1968184	1.57159	51.20	3
81)	p-Isopropyltoluene	119	17.28	17.30	0.01	3328631	2.62904	51.76	3
82)	1,2-Dichlorobenzene	146	18.01	18.04	0.02	1773759	1.42843	50.77	3
83)	n-Butylbenzene	91	18.11	18.14	0.02	3373454	2.66820	51.69	3
84)	1,2-Dibromo-3-chloropropane	157	19.64	19.65	0.01	397122	0.33197	48.91	3
85)	1,2,4-Trichlorobenzene	180	21.35	21.36	0.00	1411253	1.13411	50.88	3
86)	Hexachlorobutadiene	225	21.78	21.79	0.01	885351	0.61891	58.48	3
87)	Napthalene	128	21.82	21.83	0.01	2645846	2.14822	50.35	3
88)	1,2,3-Trichlorobenzene	180	22.34	22.35	0.01	1301538	1.04576	50.88	3

* - Compound is an internal standard
$ - Compound is a surrogate

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1024AD.B\DS2582.D
Lab Smp Id: 100 PPB 8260B STD
Inj Date : 24-OCT-2000 13:48
Operator : GFB Inst ID: md.i
Smp Info : 100 PPB 8260B STD,,,4,0,,,8260BDA.M
Misc Info : 1273-1;66-1;73-2,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Meth Date : 24-Oct-2000 15:08 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 12:13 Cal File: DS2579.D
Als bottle: 5 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	1.495	(0.207)	1780621	100.000	97.24
2 Vinyl chloride (*)	62	1.710	1.731	(0.241)	1205632	100.000	98.33
3 Chloromethane (**)	50	1.632	1.633	(0.230)	1253490	100.000	89.11
4 Bromomethane	94	1.976	1.978	(0.279)	752087	100.000	97.55
5 Chloroethane	64	2.065	2.096	(0.291)	621139	100.000	94.60
6 Trichlorofluoromethane	101	2.292	2.313	(0.323)	2807851	100.000	102.6
7 Acrolein	56	2.705	2.726	(0.382)	926039	1000.00	1028(A)
8 1,1-Dichloroethene(*)	96	2.784	2.766	(0.393)	1176649	100.000	94.62
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.766	(0.396)	1537733	100.000	99.03
10 Acetone	43	2.873	2.923	(0.405)	1504566	500.000	455.4
11 Iodomethane	142	2.942	2.923	(0.415)	3068529	200.000	220.9(A)
12 Carbon disulfide	76	3.001	2.982	(0.423)	2797243	100.000	99.97
13 Methylene chloride	84	3.336	3.337	(0.471)	1370302	100.000	98.90
14 t-Butanol	59	3.602	3.712	(0.508)	790708	2500.00	2382

	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	3.652	(0.518)	1383260	100.000	95.15
	16 Acrylonitrile	53	3.661	3.692	(0.516)	2665909	1000.00	1000(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.720	3.731	(0.525)	3579239	100.000	97.61
	18 1,1-Dichloroethane (**)	63	4.262	4.263	(0.601)	2706444	100.000	97.85
	19 Vinyl acetate	43	4.400	4.411	(0.621)	7997576	200.000	198.0(A)
	20 Isopropyl ether	45	4.439	4.460	(0.626)	5603283	100.000	97.07
	21 2,2-Dichloropropane	77	5.149	5.140	(0.726)	2635676	100.000	96.49
	22 Tert-butyl ethyl ether	59	5.011	5.012	(0.707)	4971307	100.000	98.63
	23 cis-1,2-Dichloroethene	96	5.169	5.170	(0.729)	1510264	100.000	97.41
	24 2-Butanone	43	5.267	5.298	(0.743)	2845749	500.000	475.6
	25 Bromochloromethane	128	5.553	5.554	(0.783)	900530	100.000	98.13
	26 Chloroform (*)	83	5.720	5.721	(0.807)	3472460	100.000	97.84
	27 Tetrahydrofuran	42	5.671	5.692	(0.800)	478497	100.000	95.20
M	28 1,2-Dichloroethene (total)	100				2893524	200.000	192.6
$	29 Dibromofluoromethane	111	5.986	5.987	(0.844)	2913803	100.000	96.72
	30 1,1,1-Trichloroethane	97	5.967	5.948	(0.842)	3170018	100.000	99.29
	31 Carbon Tetrachloride	117	6.233	6.234	(0.879)	2906383	100.000	98.64
	32 1,1-Dichloropropene	75	6.242	6.244	(0.880)	2637829	100.000	96.41
$	33 1,2-Dichloroethane-d4	65	6.518	6.519	(0.919)	2093033	100.000	95.29
	34 1,2-Dichloroethane-d4 2nd	102	6.508	6.519	(0.918)	477662	100.000	100.6
	35 Benzene	78	6.587	6.579	(0.929)	4491810	100.000	98.10
	36 1,2-Dichloroethane	62	6.646	6.647	(0.937)	2370801	100.000	97.19
	37 Tert-amyl methyl ether	73	6.873	6.884	(0.969)	4804277	100.000	97.59
*	38 Fluorobenzene	96	7.090	7.091	(1.000)	2548183	50.0000	
	39 Trichloroethene	130	7.730	7.721	(1.090)	1971718	100.000	99.17
	40 1,2-Dichloropropane(*)	63	8.114	8.115	(1.145)	2021485	100.000	99.08
	41 Dibromomethane	93	8.321	8.313	(1.174)	1643204	100.000	96.10
	42 Bromodichloromethane	83	8.646	8.647	(1.220)	3465175	100.000	99.18
	43 1-Bromo-2-chloroethane	63	9.149	9.160	(1.290)	3102869	100.000	97.06
	44 2-Chloroethylvinyl ether	106	9.257	9.258	(1.306)	610654	200.000	205.2(A)
	45 cis-1,3-Dichloropropene	75	9.454	9.455	(1.334)	2981585	100.000	99.06
	46 4-Methyl-2-pentanone	43	9.809	9.830	(1.384)	9196568	500.000	488.9
$	47 Toluene-d8	98	9.917	9.918	(0.787)	4401391	100.000	94.38
	48 Toluene (*)	91	10.026	10.046	(0.796)	5188292	100.000	99.65
	49 trans-1,3-Dichloropropene	75	10.499	10.510	(0.833)	2590536	100.000	100.7
	50 1,1,2-Trichloroethane	97	10.834	10.844	(0.860)	1777835	100.000	98.50
	51 Tetrachloroethene	164	11.031	11.032	(0.876)	1795209	100.000	99.05
	52 1,3-Dichloropropane	76	11.119	11.130	(0.883)	3003528	100.000	98.96
	53 2-Hexanone	43	11.375	11.396	(0.903)	6693742	500.000	498.2
	54 Dibromochloromethane	129	11.533	11.544	(0.916)	2813812	100.000	100.9
	55 1,2-Dibromoethane	107	11.691	11.702	(0.928)	2542954	100.000	100.8
*	56 Chlorobenzene-d5	117	12.597	12.598	(1.000)	1972669	50.0000	
	57 Chlorobenzene (**)	112	12.656	12.667	(1.005)	3968564	100.000	99.02
	58 1,1,1,2-Tetrachloroethane	131	12.853	12.854	(1.020)	2113325	100.000	100.5
	59 Ethylbenzene (*)	106	12.912	12.923	(1.025)	1898080	100.000	99.10
	60 m,p-Xylenes	106	13.149	13.170	(1.044)	4705298	200.000	199.1
	61 o-Xylene	106	13.908	13.928	(1.104)	2332745	100.000	99.24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.957	13.977	(1.108)	3816426	100.000	101.4
M	63 Xylenes (total)	100				7038043	300.000	298.4
	64 Bromoform (**)	173	14.262	14.273	(1.132)	2179000	100.000	104.5
	65 Isopropylbenzene	105	14.676	14.687	(1.165)	6939051	100.000	99.42
	66 4-Bromofluorobenzene-2nd	174	14.942	14.963	(0.866)	2069582	100.000	90.66
$	67 4-Bromofluorobenzene	95	14.942	14.963	(0.866)	3415255	100.000	90.22
	68 Bromobenzene	156	15.178	15.199	(0.880)	2112049	100.000	98.48
	69 1,1,2,2-Tetrachloroethane(**)	83	15.316	15.347	(0.888)	2959829	100.000	97.22
	70 1,2,3-Trichloropropane	110	15.346	15.367	(0.890)	835334	100.000	98.22
	71 n-Propylbenzene	91	15.494	15.524	(0.898)	7955751	100.000	101.0
	72 2-Chlorotoluene	126	15.612	15.633	(0.905)	1616610	100.000	95.48
	73 4-Chlorotoluene	126	15.829	15.849	(0.918)	1685063	100.000	94.62
	74 1,3,5-Trimethylbenzene	105	15.878	15.899	(0.921)	5775817	100.000	96.70
	75 tert-Butylbenzene	119	16.509	16.529	(0.957)	5890291	100.000	96.23
	76 1,2,4-Trimethylbenzene	105	16.617	16.638	(0.963)	5769836	100.000	96.22
	77 sec-Butylbenzene	105	16.962	16.982	(0.983)	7807112	100.000	95.31
	78 1,3-Dichlorobenzene	146	17.100	17.130	(0.991)	3492241	100.000	97.17
*	79 1,4-Dichlorobenzene-d4	152	17.247	17.268	(1.000)	1211852	50.0000	
	80 1,4-Dichlorobenzene	146	17.297	17.327	(1.003)	3606328	100.000	94.68
	81 p-Isopropyltoluene	119	17.287	17.298	(1.002)	6023153	100.000	94.52
	82 1,2-Dichlorobenzene	146	18.026	18.037	(1.045)	3352862	100.000	96.84
	83 n-Butylbenzene	91	18.114	18.135	(1.050)	6007842	100.000	92.90
	84 1,2-Dibromo-3-chloropropane	157	19.642	19.652	(1.139)	809070	100.000	100.6
	85 1,2,4-Trichlorobenzene	180	21.346	21.357	(1.238)	2593434	100.000	94.35
	86 Hexachlorobutadiene	225	21.770	21.790	(1.262)	1367368	100.000	91.15
	87 Napthalene	128	21.819	21.830	(1.265)	5000823	100.000	96.05
	88 1,2,3-Trichlorobenzene	180	22.331	22.352	(1.295)	2353466	100.000	92.85

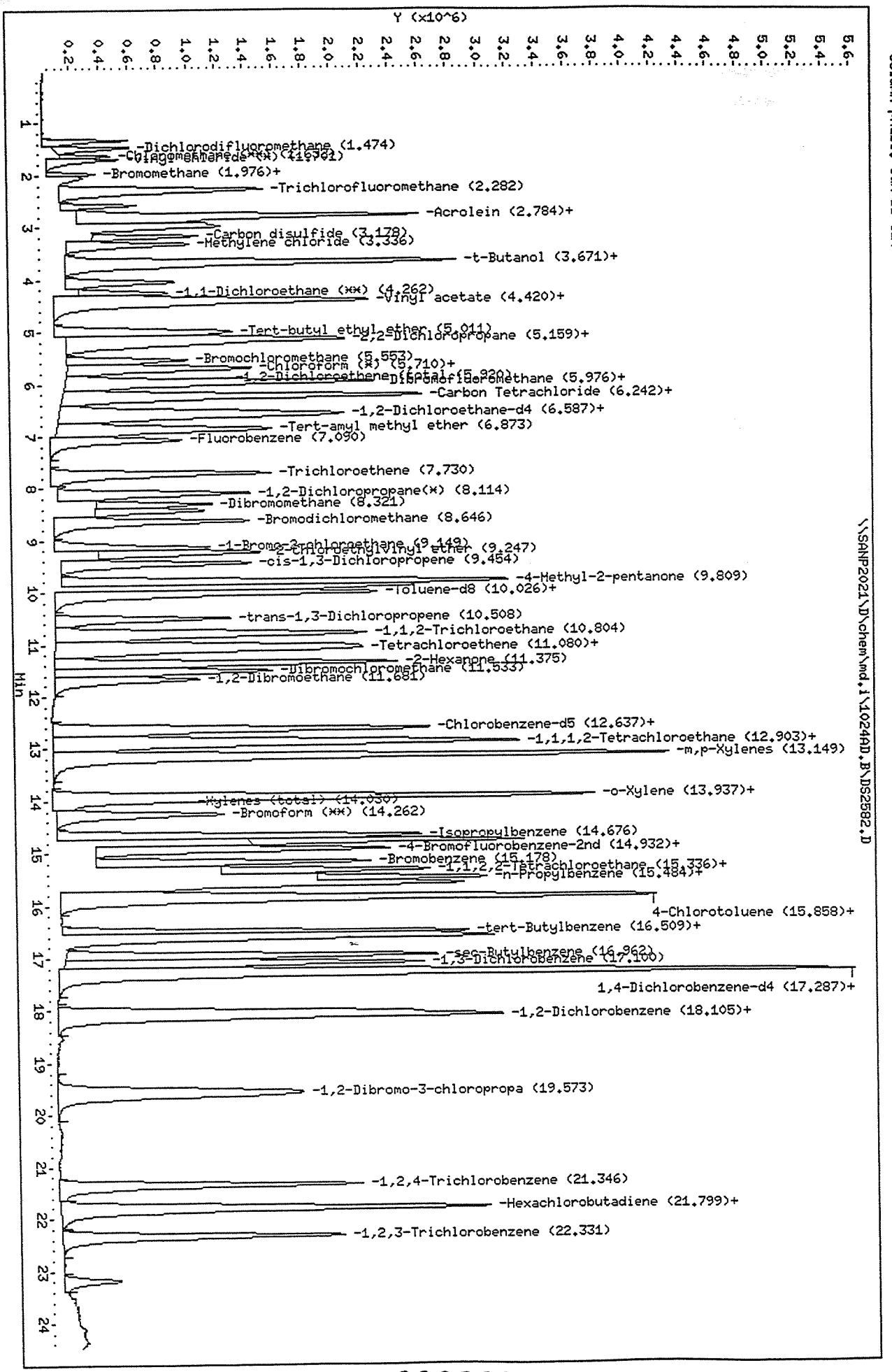
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\chem\md.i\1024AD.B\DS2582.D
Date : 24-OCT-2000 13:48
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\1024AD.B\DS2583.D
Lab Smp Id: 400 PPB 8260B STD
Inj Date : 24-OCT-2000 14:20
Operator : GFB
Inst ID: md.i
Smp Info : 400 PPB 8260B STD,,,5,0,,,8260BDA.M
Misc Info : 1273-1;66-1;73-2,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1024AD.B\8260BDA.m
Meth Date : 24-Oct-2000 15:08 beckmang
Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20
Cal File: DS2583.D
Als bottle: 6
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	1.495	1.495	(0.211)	6400483	400.000	350.4
2 Vinyl chloride (*)	62	1.731	1.731	(0.244)	4580843	400.000	374.5
3 Chloromethane (**)	50	1.633	1.633	(0.230)	5003225	400.000	356.6
4 Bromomethane	94	1.978	1.978	(0.279)	2352614	400.000	305.9
5 Chloroethane	64	2.096	2.096	(0.296)	1186547	400.000	181.2
6 Trichlorofluoromethane	101	2.313	2.313	(0.326)	5627606	400.000	206.2
7 Acrolein	56	2.726	2.726	(0.384)	3254806	4000.00	3621(A)
8 1,1-Dichloroethene(*)	96	2.766	2.766	(0.390)	3779708	400.000	304.7
9 1,1,2-Trichlorotrifluoroethan	151	2.766	2.766	(0.390)	4933268	400.000	318.5
10 Acetone	43	2.923	2.923	(0.412)	5311106	2000.00	1612
11 Iodomethane	142	2.923	2.923	(0.412)	8194880	800.000	591.4(A)
12 Carbon disulfide	76	2.982	2.982	(0.421)	9227300	400.000	330.6
13 Methylene chloride	84	3.337	3.337	(0.471)	4958176	400.000	358.7
14 t-Butanol	59	3.712	3.712	(0.523)	2875724	10000.0	8685

	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	3.652	3.652	(0.515)	4793058	400.000	330.5
	16 Acrylonitrile	53	3.692	3.692	(0.521)	9230951	4000.00	3471(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.731	3.731	(0.526)	12692061	400.000	347.0
	18 1,1-Dichloroethane (**)	63	4.263	4.263	(0.601)	9698257	400.000	351.5
	19 Vinyl acetate	43	4.411	4.411	(0.622)	27619179	800.000	685.6(A)
	20 Isopropyl ether	45	4.460	4.460	(0.629)	19248631	400.000	334.3
	21 2,2-Dichloropropane	77	5.140	5.140	(0.725)	9164725	400.000	336.3
	22 Tert-butyl ethyl ether	59	5.012	5.012	(0.707)	17627013	400.000	350.6
	23 cis-1,2-Dichloroethene	96	5.170	5.170	(0.729)	5322252	400.000	344.1
	24 2-Butanone	43	5.298	5.298	(0.747)	10661380	2000.00	1786
	25 Bromochloromethane	128	5.554	5.554	(0.783)	3215097	400.000	351.2
	26 Chloroform (*)	83	5.721	5.721	(0.807)	12130610	400.000	342.6
	27 Tetrahydrofuran	42	5.692	5.692	(0.803)	1757889	400.000	350.6
M	28 1,2-Dichloroethene (total)	100				10115310	800.000	674.6
$	29 Dibromofluoromethane	111	5.987	5.987	(0.844)	9307282	400.000	309.7
	30 1,1,1-Trichloroethane	97	5.948	5.948	(0.839)	10788093	400.000	338.7
	31 Carbon Tetrachloride	117	6.234	6.234	(0.879)	9874472	400.000	336.0
	32 1,1-Dichloropropene	75	6.244	6.244	(0.881)	9109774	400.000	333.8
$	33 1,2-Dichloroethane-d4	65	6.519	6.519	(0.919)	7251866	400.000	331.0
	34 1,2-Dichloroethane-d4 2nd	102	6.519	6.519	(0.919)	1652501	400.000	348.7
	35 Benzene	78	6.579	6.579	(0.928)	14876265	400.000	325.7
	36 1,2-Dichloroethane	62	6.647	6.647	(0.937)	8467793	400.000	348.0
	37 Tert-amyl methyl ether	73	6.884	6.884	(0.971)	17191189	400.000	350.1
*	38 Fluorobenzene	96	7.091	7.091	(1.000)	2541892	50.0000	
	39 Trichloroethene	130	7.721	7.721	(1.089)	6926593	400.000	349.2
	40 1,2-Dichloropropane(*)	63	8.115	8.115	(1.145)	7144206	400.000	351.0
	41 Dibromomethane	93	8.313	8.313	(1.172)	6449167	400.000	378.1
	42 Bromodichloromethane	83	8.647	8.647	(1.220)	12433816	400.000	356.7
	43 1-Bromo-2-chloroethane	63	9.160	9.160	(1.292)	10242905	400.000	321.2
	44 2-Chloroethylvinyl ether	106	9.258	9.258	(1.306)	2284558	800.000	769.5(A)
	45 cis-1,3-Dichloropropene	75	9.455	9.455	(1.333)	10648681	400.000	354.7
	46 4-Methyl-2-pentanone	43	9.830	9.830	(1.386)	29059424	2000.00	1549
$	47 Toluene-d8	98	9.918	9.918	(0.787)	13466809	400.000	298.0
	48 Toluene (*)	91	10.046	10.046	(0.797)	17224227	400.000	341.4
	49 trans-1,3-Dichloropropene	75	10.510	10.510	(0.834)	9533614	400.000	382.6
	50 1,1,2-Trichloroethane	97	10.844	10.844	(0.861)	6161253	400.000	352.3
	51 Tetrachloroethene	164	11.032	11.032	(0.876)	5914030	400.000	336.8
	52 1,3-Dichloropropane	76	11.130	11.130	(0.883)	10194848	400.000	346.7
	53 2-Hexanone	43	11.396	11.396	(0.905)	22590683	2000.00	1735
	54 Dibromochloromethane	129	11.544	11.544	(0.916)	9959638	400.000	368.7
	55 1,2-Dibromoethane	107	11.702	11.702	(0.929)	9010819	400.000	368.5
*	56 Chlorobenzene-d5	117	12.598	12.598	(1.000)	1911330	50.0000	
	57 Chlorobenzene (**)	112	12.667	12.667	(1.005)	13279015	400.000	342.0
	58 1,1,1,2-Tetrachloroethane	131	12.854	12.854	(1.020)	7178762	400.000	352.4
	59 Ethylbenzene (*)	106	12.923	12.923	(1.026)	6039941	400.000	325.5
	60 m,p-Xylenes	106	13.170	13.170	(1.045)	14563139	800.000	636.1
	61 o-Xylene	106	13.928	13.928	(1.106)	7578574	400.000	332.8

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	13.977	(1.109)	12428903	400.000	340.8
M 63 Xylenes (total)	100				22141713	1200.00	968.9
64 Bromoform (**)	173	14.273	14.273	(1.133)	7772970	400.000	384.8
65 Isopropylbenzene	105	14.687	14.687	(1.166)	22107138	400.000	326.9
66 4-Bromofluorobenzene-2nd	174	14.963	14.963	(0.866)	6575312	400.000	326.2
$ 67 4-Bromofluorobenzene	95	14.963	14.963	(0.866)	10673197	400.000	319.4
68 Bromobenzene	156	15.199	15.199	(0.880)	6962175	400.000	367.7
69 1,1,2,2-Tetrachloroethane(**)	83	15.347	15.347	(0.889)	9969820	400.000	370.9
70 1,2,3-Trichloropropane	110	15.367	15.367	(0.890)	2900420	400.000	386.3
71 n-Propylbenzene	91	15.524	15.524	(0.899)	22899577	400.000	329.5
72 2-Chlorotoluene	126	15.633	15.633	(0.905)	5303922	400.000	354.8
73 4-Chlorotoluene	126	15.849	15.849	(0.918)	5364144	400.000	341.2
74 1,3,5-Trimethylbenzene	105	15.899	15.899	(0.921)	17502484	400.000	331.9
75 tert-Butylbenzene	119	16.529	16.529	(0.957)	18640214	400.000	344.9
76 1,2,4-Trimethylbenzene	105	16.638	16.638	(0.963)	18012466	400.000	340.3
77 sec-Butylbenzene	105	16.982	16.982	(0.983)	24668318	400.000	341.1
78 1,3-Dichlorobenzene	146	17.130	17.130	(0.992)	11142255	400.000	351.2
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.268	(1.000)	1069873	50.0000	
80 1,4-Dichlorobenzene	146	17.327	17.327	(1.003)	10952563	400.000	325.7
81 p-Isopropyltoluene	119	17.298	17.298	(1.002)	18349308	400.000	326.2
82 1,2-Dichlorobenzene	146	18.037	18.037	(1.045)	10779615	400.000	352.7
83 n-Butylbenzene	91	18.135	18.135	(1.050)	19825967	400.000	347.2
84 1,2-Dibromo-3-chloropropane	157	19.652	19.652	(1.138)	3216595	400.000	452.8(A)
85 1,2,4-Trichlorobenzene	180	21.357	21.357	(1.237)	9112988	400.000	375.5
86 Hexachlorobutadiene	225	21.790	21.790	(1.262)	5773472	400.000	436.0(A)
87 Napthalene	128	21.830	21.830	(1.264)	15847389	400.000	344.8
88 1,2,3-Trichlorobenzene	180	22.352	22.352	(1.294)	8443397	400.000	377.3

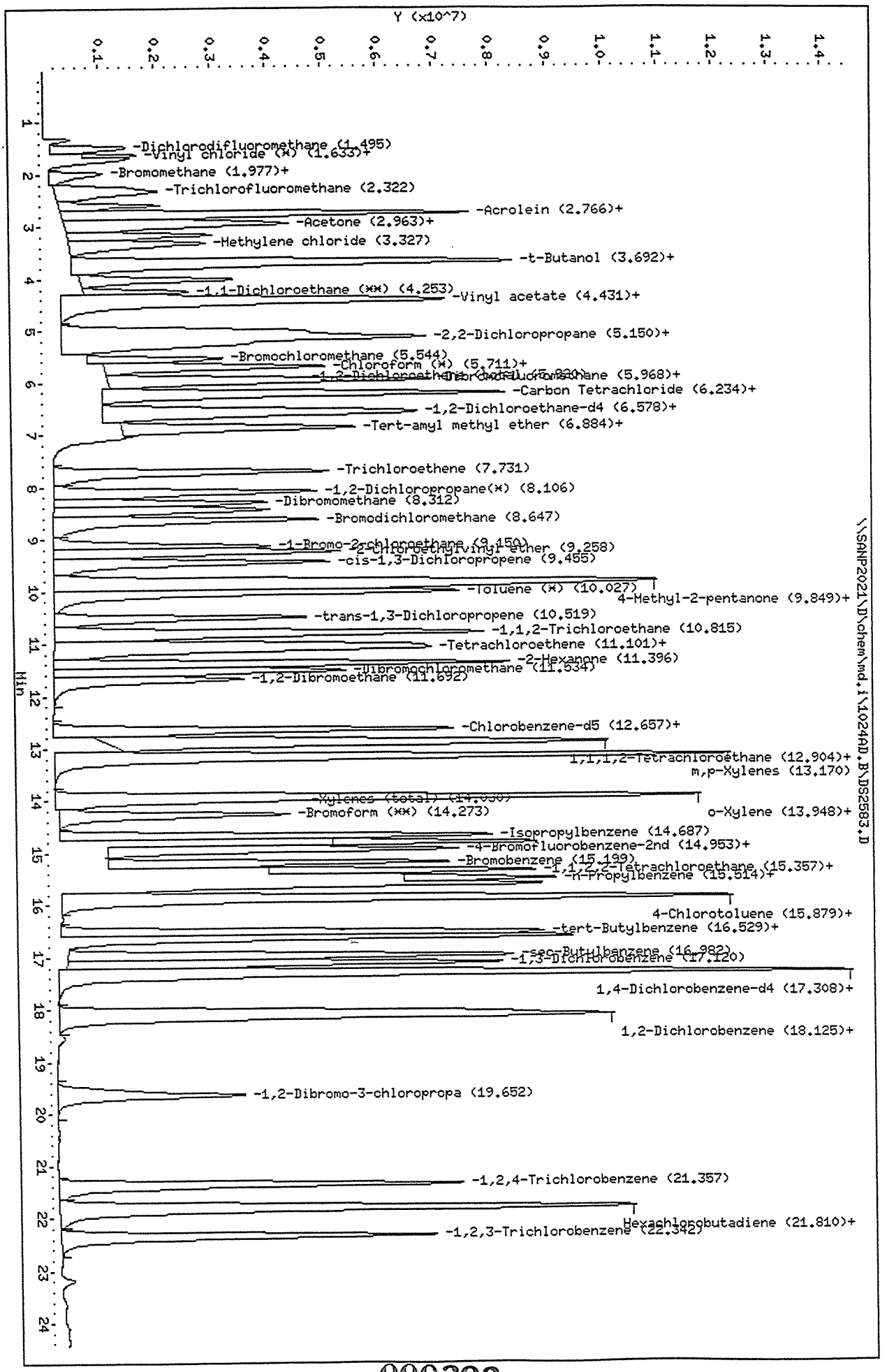
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\chem\md.i\1024AD.B\DS2583.D
Date : 24-OCT-2000 14:20
Client ID:
Sample Info: 400 PPB 8260B STD,,5,0,,,8260BDA.M

Column phase: J&W DB-624

Instrument: md.i
Operator: CFB
Column diameter: 0.53



000393

8260B SAMPLE / QC DATA

DATE ANALYZED: 1/13-2000

INSTRUMENT ID: MC

SAMPLES: EOJ 110284

BOE-C6-0166206

Batch ID: 0290625
0288129-624

GC/MS VC . Run Log

FJK 2700

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

Inst ID: MSC	EM Set: 1647	Tune File: BFBU	Seq File: 10/13/BC
Init . Cal ID: 8260BLL			Date: 10/13/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
16:44	AD	CT1204	50ng BFB			1µm			✓			MSV0021198-1
17:00		CS2044	.5 ppb 826013	1	2	25mm	1.0	165	✓			S1254-1; S1254-2; S1254-3
17:30		CS2045	1 ppb 826013	2				163	✓			
18:00		CS2046	5 ppb 826013	3				161	✓			
18:30		CS2047	10 ppb 826013	4				161	✓			
19:00		CS2048	50 ppb 826013	5				157	✓			
19:30		CS2049	100 ppb 826013	6				132	✓			
20:00		C09780	MB-1013BC	7				52	✓			
20:31		81	LCS-1013BC	1				160	✓			SECOND SOURCE QC1253-1
21:00		82	MB-1013BC	7				166	✓			
21:40		83	DLPGC101	7				169	✓		2	EOJ060287-2
22:10		84	DLM48E101	8				151	✓			EOJ130239-1
22:40		85	DLTAM101	9				157	✓			EOJ090226-1
23:10		86	DLTDP101	10				149	✓			-2
23:40		87	DLTDK101	11				141	✓			EOJ090227-2
0:10		88	DM1A91AA	12				157	✓			EOJ110284-29
0:40		89	DM1CC1AA	13				135	✓			-3
1:10		90	DM1DN1AA	14				157	✓			EOJ110292-1
1:40		91	DM1EK1AA	15				142	✓			-1
2:10		92	DLPGC102MS	16				158	✓			EOJ060287-2M
2:40		93	DLPGC103MSD	1				158	✓			-2M
3:10		94	DLTDP102MS	2				159	✓			EOJ090226-2M
3:40		C097 95	DLTDP103MD	3				90	✓	✓		2M
				4								

000395

BOE-C6-0166207

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA30355

Lab File ID (Standard): CS2047 Date Analyzed: 10/13/00

Instrument ID: MC Time Analyzed: 1830

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	1611523	8.02	1203388	13.49	758273	18.11
	UPPER LIMIT	3223046	8.52	2406776	13.99	1516546	18.61
	LOWER LIMIT	805762	7.52	601694	12.99	379137	17.61
	EPA SAMPLE NO.						
01	C09781	1668547	8.02	1170627	13.49	708111	18.12
02	C09781	1661865	8.04	1192925	13.50	706762	18.13
03	C09783	1690556	8.03	1259278	13.49	779250	18.13
04	C09784	1518309	8.04	1152384	13.49	719068	18.12
05	C09785	1520660	8.02	1058524	13.49	600994	18.13
06	C09786	1492351	8.02	1081909	13.49	658737	18.12
07	C09787	1418462	8.02	1067163	13.49	653881	18.13
08	C09788	1572548	8.02	1129388	13.49	682187	18.12
09	C09789	1356572	8.03	907950	13.49	522396	18.12
10	C09790	1589333	8.03	1158463	13.49	705561	18.12
11	C09791	1425251	8.03	1032333	13.49	633059	18.12
12	C09792	1558406	8.03	1161065	13.50	748572	18.13
13	C09793	1583278	8.01	1178516	13.48	746088	18.13
14	C09794	1591742	8.02	1127017	13.49	707310	18.13
15	C09795	90704*	8.05	45981*	13.50	20111*	18.15
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.

STL Los Angeles

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D
Lab Smp Id:
Inj Date : 13-OCT-2000 16:44
Operator : AD Inst ID: mc.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : 1UL;MSVOA1198-2,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf 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

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 p-Bromofluorobenzene							CAS #: 460-00-4	
2.1451	2.1000	(0.000)	95	81802			0.00- 100.00	100.00
2.1451	2.1000	(0.000)	50	19304			15.00- 40.00	23.60
2.1451	2.1000	(0.000)	75	42832			30.00- 60.00	52.36
2.1451	2.1000	(0.000)	96	6113			5.00- 9.00	7.47
2.1451	2.1000	(0.000)	173	0			0.00- 2.00	0.00
2.1451	2.1000	(0.000)	174	70997			50.00- 0.00	86.79
2.1451	2.1000	(0.000)	175	5608			5.00- 9.00	7.90
2.1451	2.1000	(0.000)	176	69992			95.00- 101.00	98.58
2.1451	2.1000	(0.000)	177	4761			5.00- 9.00	6.80

AM 10/13/2000

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

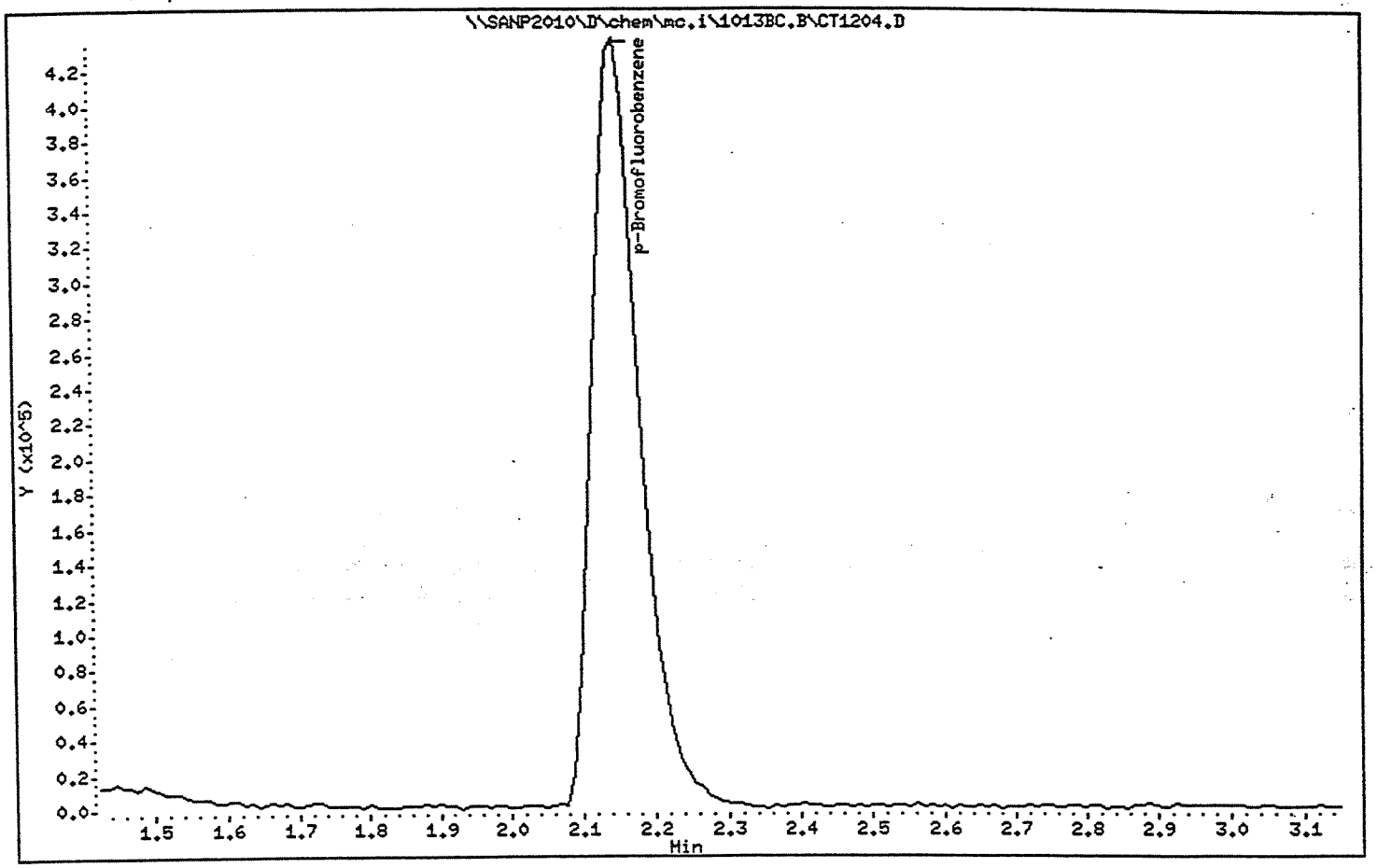
Instrument: mc.i

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

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

Instrument: mc.i

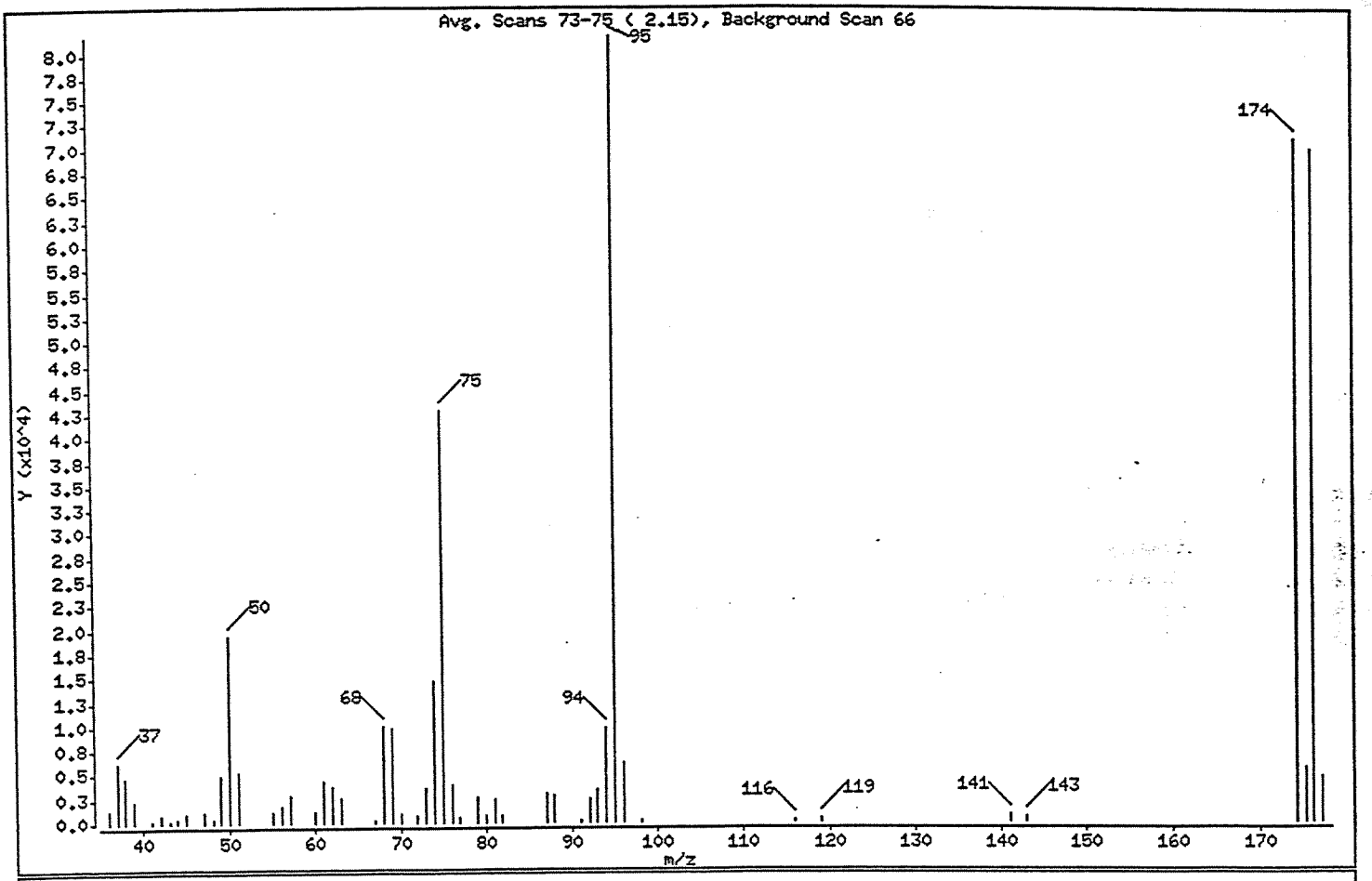
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.60
75	30.00 - 60.00% of mass 95	52.36
96	5.00 - 9.00% of mass 95	7.47
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	86.79
175	5.00 - 9.00% of mass 174	6.86 (7.90)
176	95.00 - 101.00% of mass 174	85.56 (98.58)
177	5.00 - 9.00% of mass 176	5.82 (6.80)

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D
Date : 13-OCT-2000 16:44

Client ID:

Instrument: mc.i

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

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: CT1204.D
Spectrum: Avg. Scans 73-75 (2.15), Background Scan 66
Location of Maximum: 95.00
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1303	55.00	1201	75.00	42832	96.00	6113
37.00	6152	56.00	1614	76.00	3943	98.00	192
38.00	4611	57.00	2913	77.00	618	116.00	204
39.00	2188	60.00	1051	79.00	2659	119.00	375
41.00	190	61.00	4355	80.00	793	141.00	707
42.00	731	62.00	3845	81.00	2466	143.00	598
43.00	173	63.00	2592	82.00	715	174.00	70992
44.00	325	67.00	171	87.00	2946	175.00	5608
45.00	1021	68.00	9886	88.00	2816	176.00	69992
47.00	1175	69.00	9757	91.00	252	177.00	4761
48.00	394	70.00	912	92.00	2403		
49.00	4956	72.00	718	93.00	3349		
50.00	19304	73.00	3613	94.00	9815		
51.00	5314	74.00	14592	95.00	81800		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i
Lab File ID: CS2047.D
Analysis Type: WATER
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M

Injection Date: 13-OCT-2000 18:30
Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Init. Cal. Times: 17:00 19:30

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.47812	0.47578	0.010	-0.5	50.0	
	2 Chloromethane (**)	0.17821	0.16264	0.100	-8.7	50.0	
	3 Vinyl chloride (*)	0.21289	0.21270	0.010	-0.1	20.0	
	4 Bromomethane	0.22509	0.21315	0.010	-5.3	50.0	
	5 Chloroethane	0.13761	0.14745	0.010	7.1	50.0	
	6 Trichlorofluoromethane	0.79484	0.79698	0.010	0.3	50.0	
	7 Acrolein	0.01737	0.01710	0.010	-1.6	50.0	
	8 1,1-Dichloroethene(*)	0.28621	0.28711	0.010	0.3	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.47679	0.47858	0.010	0.4	50.0	
	10 Iodomethane	0.51178	0.59744	0.010	16.7	50.0	
	11 Acetone	0.02094	0.02150	0.010	2.7	50.0	
	12 Carbon disulfide	0.56701	0.74910	0.010	32.1	50.0	
	13 Methylene chloride	0.22775	0.23667	0.010	3.9	50.0	
	14 Acrylonitrile	0.00290	0.00313	0.010	8.0	50.0	<-
	15 t-Butanol	0.00522	0.00339	0.010	-35.2	20.0	<-
	16 Vinyl acetate	0.30083	0.30140	0.010	0.2	50.0	
	17 trans-1,2-Dichloroethene	0.32739	0.32759	0.010	0.1	20.0	
	18 Methyl-tert-butyl ether[MTB	0.28643	0.30191	0.010	5.4	50.0	
	19 1,1-Dichloroethane (**)	0.52501	0.52212	0.100	-0.6	20.0	
	20 Isopropyl ether	0.69947	0.70437	0.010	0.7	20.0	
	21 Tert-butyl ethyl ether	0.56109	0.57953	0.010	3.3	20.0	
M	22 1,2-Dichloroethene (total)	0.31727	0.32779	0.010	3.3	20.0	
	23 2,2-Dichloropropane	0.31788	0.28426	0.010	-10.6	50.0	
	24 cis-1,2-Dichloroethene	0.30715	0.32799	0.010	6.8	20.0	
	25 2-Butanone	0.02365	0.02285	0.010	-3.4	50.0	
	26 Bromochloromethane	0.14855	0.15684	0.010	5.6	50.0	
	27 Tetrahydrofuran	0.01188	0.01510	0.010	27.1	50.0	
	28 Chloroform (*)	0.76245	0.78101	0.010	2.4	20.0	
$	29 Dibromofluoromethane	0.53385	0.54919	0.010	2.9	50.0	
	30 1,1,1-Trichloroethane	0.74110	0.75846	0.010	2.3	20.0	
	31 Carbon Tetrachloride	0.69529	0.74104	0.010	6.6	20.0	
	32 1,1-Dichloropropene	0.57059	0.57950	0.010	1.6	50.0	
$	33 1,2-Dichloroethane-d4	0.24971	0.26396	0.010	5.7	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.04403	0.04657	0.010	5.8	50.0	
	35 Benzene	0.79444	0.81915	0.010	3.1	20.0	

M 10/13/00

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i
Lab File ID: CS2047.D
Analysis Type: WATER
Lab Sample ID: 10PPB 8260BSTD
Method: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M

Injection Date: 13-OCT-2000 18:30
Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Init. Cal. Times: 17:00 19:30
Quant Type: ISTD

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.32092	0.34190	0.010	6.5	20.0	
	37 Tert-amyl methyl ether	0.40327	0.42523	0.010	5.4	20.0	
	39 Trichloroethene	0.50327	0.50277	0.010	-0.1	20.0	
	40 1,2-Dichloropropane(*)	0.27539	0.28651	0.010	4.0	20.0	
	41 Dibromomethane	0.18816	0.20724	0.010	10.1	50.0	
	42 Bromodichloromethane	0.54942	0.58614	0.010	6.7	20.0	
	43 2-Chloroethylvinyl ether	0.00485	0.00293	0.010	-39.5	50.0	<-
	44 1-Bromo-2-chloroethane	0.25567	0.27206	0.010	6.4	50.0	
	45 cis-1,3-Dichloropropene	0.31011	0.33707	0.010	8.7	50.0	
	46 4-Methyl-2-pentanone	0.06770	0.07387	0.010	9.1	50.0	
$	47 Toluene-d8	1.08611	1.09375	0.010	0.7	50.0	
	48 Toluene (*)	1.39458	1.41791	0.010	1.7	20.0	
	49 trans-1,3-Dichloropropene	0.27496	0.28942	0.010	5.3	50.0	
	50 1,1,2-Trichloroethane	0.23393	0.24778	0.010	5.9	50.0	
	51 Tetrachloroethene	0.72855	0.73460	0.010	0.8	20.0	
	52 1,3-Dichloropropane	0.37597	0.39896	0.010	6.1	50.0	
	53 2-Hexanone	0.06631	0.06524	0.010	-1.6	50.0	
	54 Dibromochloromethane	0.49465	0.53259	0.010	7.7	50.0	
	55 1,2-Dibromoethane	0.31686	0.33945	0.010	7.1	50.0	
	57 Chlorobenzene (**)	1.07199	1.08767	0.300	1.5	50.0	
	58 1,1,1,2-Tetrachloroethane	0.53784	0.56949	0.010	5.9	50.0	
	59 Ethylbenzene (*)	0.52935	0.53745	0.010	1.5	20.0	
	60 m,p-Xylenes	0.65171	0.66882	0.010	2.6	20.0	
M	61 Xylenes (total)	0.63479	0.64800	0.010	2.1	20.0	
	62 o-Xylene	0.60095	0.60638	0.010	0.9	20.0	
	63 Styrene	0.87833	0.91995	0.010	4.7	50.0	
	64 Bromoform (**)	0.27134	0.29302	0.100	8.0	50.0	
	65 Isopropylbenzene	2.09661	2.13729	0.010	1.9	50.0	
$	66 4-Bromofluorobenzene	0.72278	0.77187	0.010	6.8	50.0	
	67 4-Bromofluorobenzene-2nd	0.61205	0.65612	0.010	7.2	50.0	
	68 Bromobenzene	0.95805	0.95122	0.010	-0.7	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.45959	0.46663	0.300	1.5	50.0	
	70 1,2,3-Trichloropropane	0.12147	0.12876	0.010	6.0	50.0	
	71 n-Propylbenzene	4.06276	3.76125	0.010	-7.4	50.0	
	72 2-Chlorotoluene	0.81296	0.78970	0.010	-2.9	50.0	
	73 4-Chlorotoluene	0.79102	0.79501	0.010	0.5	50.0	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i
Lab File ID: CS2047.D
Analysis Type: WATER
Lab Sample ID: 10PPB 8260BSTD
Method: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M

Injection Date: 13-OCT-2000 18:30
Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Init. Cal. Times: 17:00 19:30
Quant Type: ISTD

COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.83677	2.73729	0.010	-3.5	50.0
75 tert-Butylbenzene	3.12145	3.04446	0.010	-2.5	50.0
76 1,2,4-Trimethylbenzene	2.77919	2.73764	0.010	-1.5	50.0
77 sec-Butylbenzene	4.16324	4.00208	0.010	-3.9	50.0
78 1,3-Dichlorobenzene	1.70685	1.67186	0.010	-2.1	50.0
80 p-Isopropyltoluene	3.46639	3.36780	0.010	-2.8	50.0
81 1,4-Dichlorobenzene	1.72203	1.73110	0.010	0.5	50.0
82 1,2-Dichlorobenzene	1.37848	1.35278	0.010	-1.9	50.0
83 n-Butylbenzene	3.43040	3.35321	0.010	-2.3	50.0
84 1,2-Dibromo-3-chloropropane	0.08952	0.09701	0.010	8.4	50.0
85 1,2,4-Trichlorobenzene	1.26756	1.27660	0.010	0.7	50.0
86 Hexachlorobutadiene	1.72387	1.71256	0.010	-0.7	50.0
87 Napthalene	0.80240	0.87080	0.010	8.5	20.0
88 1,2,3-Trichlorobenzene	0.96366	0.96406	0.010	0.0	50.0

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Misc Info: ,25,,,2,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 20:31

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1662289	831145	3324578	1611523	-3.05
56 Chlorobenzene-d5	1178377	589189	2356754	1203388	2.12
79 1,4-Dichlorobenze	708111	354056	1416222	758273	7.08

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.03
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.02
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.11	-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.

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.098)	1107053	10.0000	10.47
64 Bromoform (**)	173	15.116	15.116	(1.121)	352622	10.0000	10.80
65 Isopropylbenzene	105	15.530	15.530	(1.151)	2571995	10.0000	10.19
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.171)	928863	10.0000	10.68
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	789568	10.0000	10.72
68 Bromobenzene	156	16.062	16.062	(0.887)	721285	10.0000	9.93
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.891)	353831	10.0000	10.15
70 1,2,3-Trichloropropane	110	16.170	16.170	(0.893)	97634	10.0000	10.60(Q)
71 n-Propylbenzene	91	16.358	16.358	(0.903)	2852056	10.0000	9.26
72 2-Chlorotoluene	126	16.476	16.476	(0.910)	598810	10.0000	9.71
73 4-Chlorotoluene	126	16.702	16.702	(0.922)	602833	10.0000	10.05
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.924)	2075612	10.0000	9.65
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	2308531	10.0000	9.75
76 1,2,4-Trimethylbenzene	105	17.471	17.471	(0.965)	2075876	10.0000	9.85
77 sec-Butylbenzene	105	17.826	17.826	(0.984)	3034666	10.0000	9.61
78 1,3-Dichlorobenzene	146	17.974	17.974	(0.992)	1267723	10.0000	9.79
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.112	(1.000)	758273	10.0000	(Q)
80 p-Isopropyltoluene	119	18.141	18.141	(1.002)	2553712	10.0000	9.72
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.003)	1312643	10.0000	10.05
82 1,2-Dichlorobenzene	146	18.900	18.900	(1.044)	1025779	10.0000	9.81
83 n-Butylbenzene	91	18.979	18.979	(1.048)	2542647	10.0000	9.77
84 1,2-Dibromo-3-chloropropane	157	20.507	20.507	(1.132)	73563	10.0000	10.84
85 1,2,4-Trichlorobenzene	180	22.241	22.241	(1.228)	968012	10.0000	10.07
86 Hexachlorobutadiene	225	22.675	22.675	(1.252)	1298588	10.0000	9.93
87 Napthalene	128	22.705	22.705	(1.254)	660303	10.0000	10.85
88 1,2,3-Trichlorobenzene	180	23.148	23.148	(1.278)	731019	10.0000	10.00

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 13-OCT-2000 18:30
Operator : AD Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,2,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Meth Date : 13-Oct-2000 22:41 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

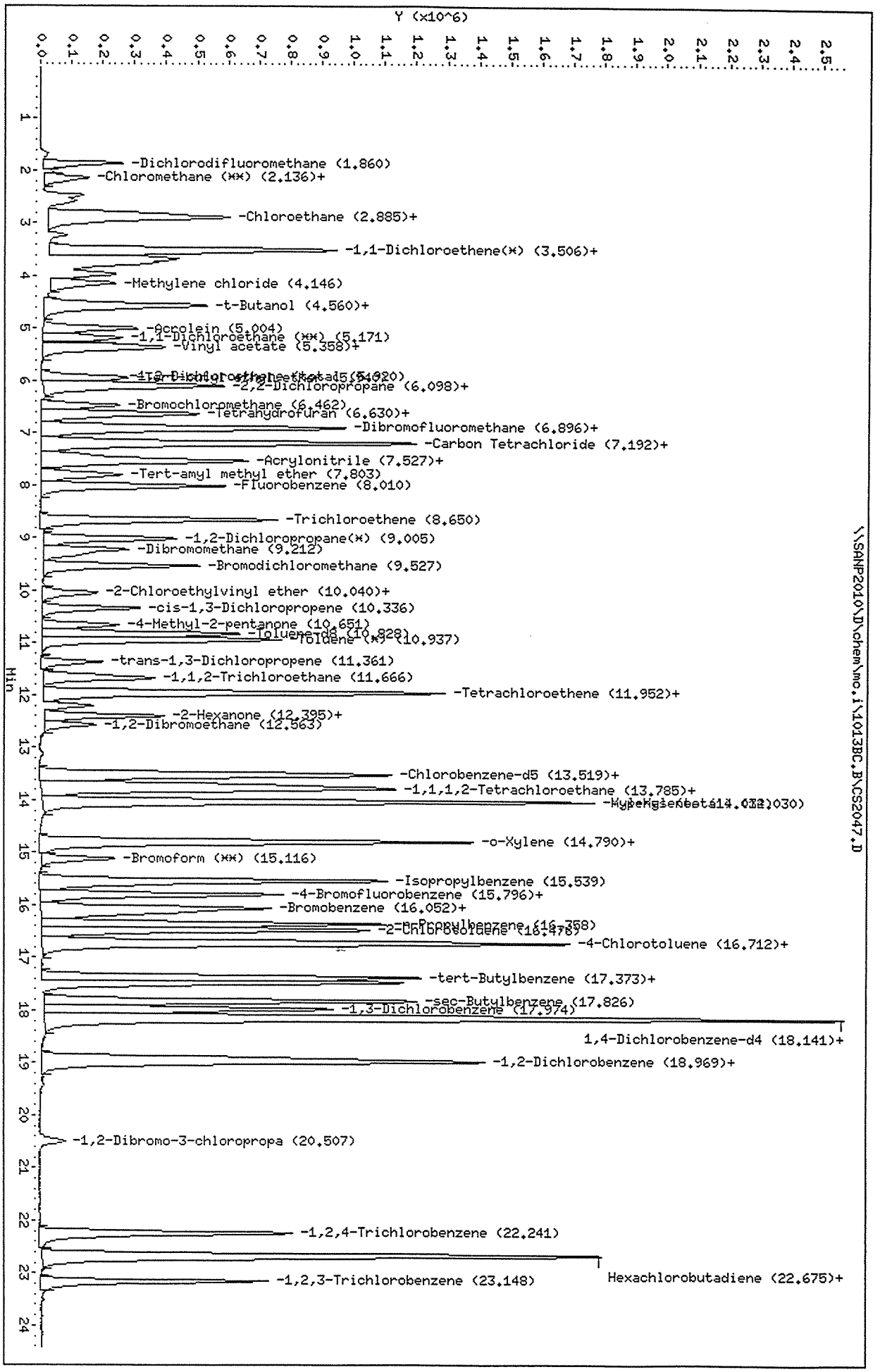
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	766726	10.0000	9.95
2 Chloromethane (**)	50	2.116	2.116	(0.264)	262095	10.0000	9.13
3 Vinyl chloride (*)	62	2.136	2.136	(0.266)	342778	10.0000	9.99
4 Bromomethane	94	2.471	2.471	(0.308)	343496	10.0000	9.47
5 Chloroethane	64	2.579	2.579	(0.322)	237618	10.0000	10.71
6 Trichlorofluoromethane	101	2.894	2.894	(0.361)	1284347	10.0000	10.03
7 Acrolein	56	4.984	4.984	(0.621)	275540	100.000	98.43
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	462688	10.0000	10.03
9 1,1,2-Trichlorotrifluoroethan	151	3.515	3.515	(0.438)	771241	10.0000	10.04
10 Iodomethane	142	3.673	3.673	(0.458)	1925574	20.0000	23.35
11 Acetone	43	3.545	3.545	(0.442)	173243	50.0000	51.34
12 Carbon disulfide	76	3.772	3.772	(0.470)	1207187	10.0000	13.21
13 Methylene chloride	84	4.146	4.146	(0.517)	381395	10.0000	10.39
14 Acrylonitrile	53	7.428	7.428	(0.926)	50412	100.000	108.0(Q)
15 t-Butanol	59	4.550	4.550	(0.567)	21826	40.0000	25.92(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.329	5.329	(0.664)	971437	20.0000	20.04
	17 trans-1,2-Dichloroethene	96	4.550	4.550	(0.567)	527912	10.0000	10.01
	18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	486532	10.0000	10.54
	19 1,1-Dichloroethane (**)	63	5.171	5.171	(0.645)	841407	10.0000	9.94
	20 Isopropyl ether	45	5.359	5.359	(0.668)	1135112	10.0000	10.07
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	933926	10.0000	10.33
M	22 1,2-Dichloroethene (total)	100				1056480	20.0000	20.68
	23 2,2-Dichloropropane	77	6.078	6.078	(0.758)	458085	10.0000	8.94
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	528568	10.0000	10.68
	25 2-Butanone	43	6.137	6.137	(0.765)	184107	50.0000	48.30
	26 Bromochloromethane	128	6.472	6.472	(0.807)	252747	10.0000	10.56
	27 Tetrahydrofuran	42	6.581	6.581	(0.821)	24329	10.0000	12.71(Q)
	28 Chloroform (*)	83	6.640	6.640	(0.828)	1258616	10.0000	10.24
$	29 Dibromofluoromethane	111	6.886	6.886	(0.859)	885030	10.0000	10.29
	30 1,1,1-Trichloroethane	97	6.906	6.906	(0.861)	1222273	10.0000	10.23
	31 Carbon Tetrachloride	117	7.192	7.192	(0.897)	1194203	10.0000	10.66
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	933870	10.0000	10.16
$	33 1,2-Dichloroethane-d4	65	7.428	7.428	(0.926)	425383	10.0000	10.57
	34 1,2-Dichloroethane-d4 2nd	102	7.428	7.428	(0.926)	75053	10.0000	10.58
	35 Benzene	78	7.527	7.527	(0.939)	1320083	10.0000	10.31
	36 1,2-Dichloroethane	62	7.556	7.556	(0.942)	550987	10.0000	10.65
	37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	685267	10.0000	10.54
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1611523	10.0000	
	39 Trichloroethene	130	8.650	8.650	(1.079)	810225	10.0000	9.99
	40 1,2-Dichloropropane(*)	63	9.005	9.005	(1.123)	461721	10.0000	10.40
	41 Dibromomethane	93	9.212	9.212	(1.149)	333972	10.0000	11.01
	42 Bromodichloromethane	83	9.527	9.527	(1.188)	944578	10.0000	10.67
	43 2-Chloroethylvinyl ether	106	10.109	10.109	(1.261)	9455	20.0000	12.09(Q)
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.252)	438429	10.0000	10.64
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	543196	10.0000	10.87
	46 4-Methyl-2-pentanone	43	10.651	10.651	(1.328)	595223	50.0000	54.56
$	47 Toluene-d8	98	10.828	10.828	(0.803)	1316204	10.0000	10.07
	48 Toluene (*)	91	10.937	10.937	(0.811)	1706294	10.0000	10.17
	49 trans-1,3-Dichloropropene	75	11.370	11.370	(0.843)	348288	10.0000	10.52
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	298176	10.0000	10.59
	51 Tetrachloroethene	164	11.952	11.952	(0.886)	884007	10.0000	10.08
	52 1,3-Dichloropropane	76	11.982	11.982	(0.888)	480104	10.0000	10.61
	53 2-Hexanone	43	12.208	12.208	(0.905)	392565	50.0000	49.19
	54 Dibromochloromethane	129	12.395	12.395	(0.919)	640911	10.0000	10.77
	55 1,2-Dibromoethane	107	12.573	12.573	(0.932)	408493	10.0000	10.71
*	56 Chlorobenzene-d5	117	13.489	13.489	(1.000)	1203388	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	1308886	10.0000	10.15
	58 1,1,1,2-Tetrachloroethane	131	13.706	13.706	(1.016)	685312	10.0000	10.59
	59 Ethylbenzene (*)	106	13.785	13.785	(1.022)	646764	10.0000	10.15
	60 m,p-Xylenes	106	14.032	14.032	(1.040)	1609690	20.0000	20.52
M	61 Xylenes (total)	100				2339398	30.0000	30.62
	62 o-Xylene	106	14.781	14.781	(1.096)	729708	10.0000	10.09

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2047.D
Date : 13-OCT-2000 18:30
Client ID:
Sample Info: 10PPB 8260BSTD,,3,0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\C09781.D
Lab Smp Id: LCS-1013BC Client Smp ID: C09781
Inj Date : 13-OCT-2000 20:31
Operator : AD Inst ID: mc.i
Smp Info : LCS-1013BC,LCS,1,,0,1,0,8260BCL.M,C09781
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 22:41 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

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	3.508	3.496	(0.437)	403391	8.44708	8.45
$ 29 Dibromofluoromethane	111	6.898	6.886	(0.860)	886084	9.94760	9.95
$ 33 1,2-Dichloroethane-d4	65	7.440	7.428	(0.927)	411910	9.88613	9.89
34 1,2-Dichloroethane-d4 2nd	102	7.440	7.428	(0.927)	75678	10.3016	10.30
35 Benzene	78	7.539	7.527	(0.940)	1213188	9.15221	9.15
* 38 Fluorobenzene	96	8.022	8.020	(1.000)	1668547	10.0000	
39 Trichloroethene	130	8.662	8.650	(1.080)	736774	8.77396	8.77
$ 47 Toluene-d8	98	10.831	10.828	(0.803)	1286152	10.1158	10.12
48 Toluene (*)	91	10.939	10.937	(0.811)	1469606	9.00197	9.00
* 56 Chlorobenzene-d5	117	13.492	13.489	(1.000)	1170627	10.0000	
57 Chlorobenzene (**)	112	13.551	13.539	(1.004)	1121973	8.94071	8.94
$ 66 4-Bromofluorobenzene	95	15.808	15.796	(1.172)	902804	10.6701	10.67
67 4-Bromofluorobenzene-2nd	174	15.798	15.796	(1.171)	741295	10.3463	10.35
* 79 1,4-Dichlorobenzene-d4	152	18.124	18.112	(1.000)	708111	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09781.D
Lab Smp Id: LCS-1013BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 13-OCT-2000
Calibration Time: 18:30
Client Smp ID: C09781
Level: LOW
Sample Type: WATER

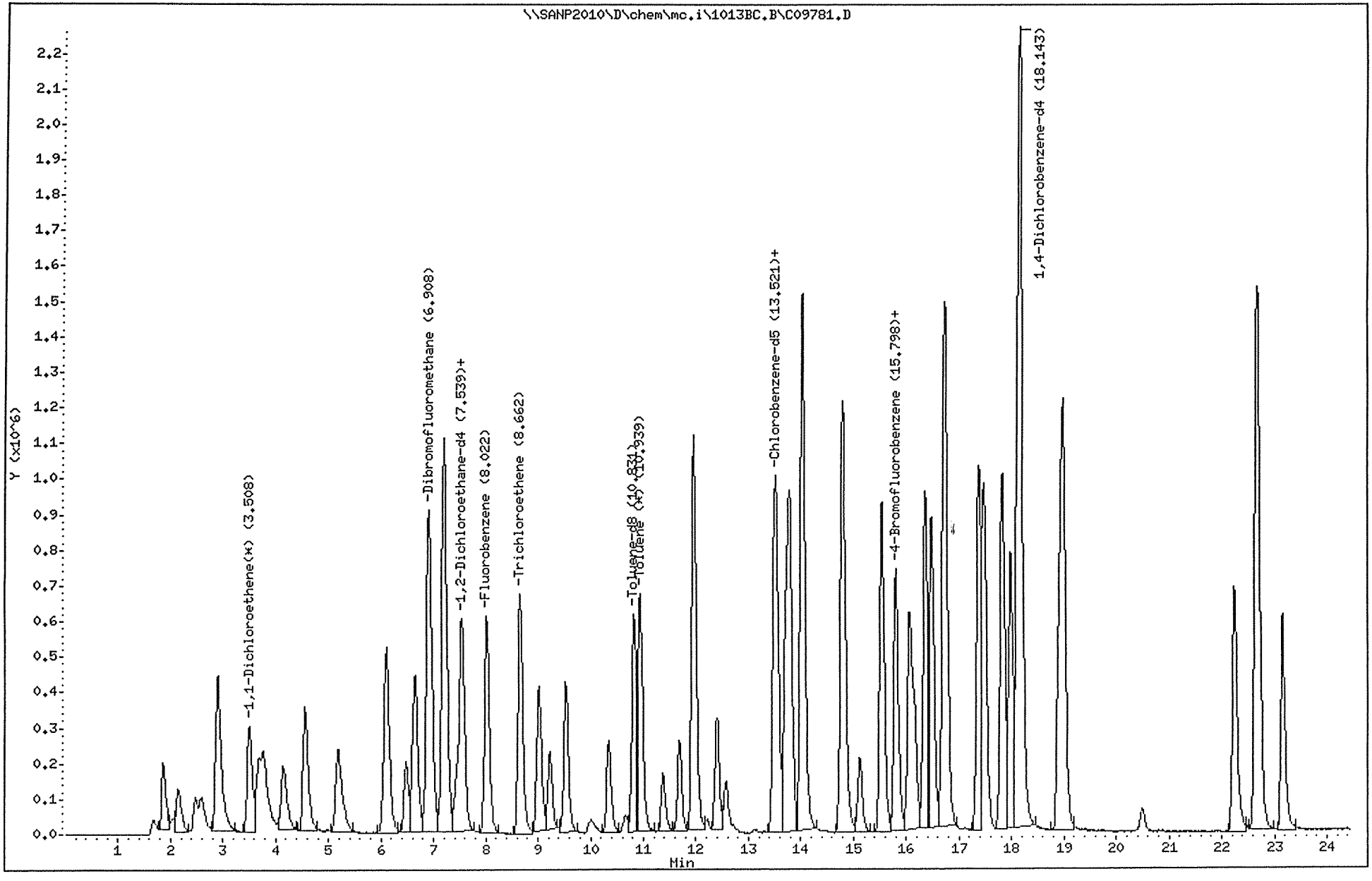
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1668547	3.54
56 Chlorobenzene-d5	1203388	601694	2406776	1170627	-2.72
79 1,4-Dichlorobenze	758273	379137	1516546	708111	-6.62

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.03
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.02
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	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: \\SANP2010\D\chem\mo.i\1013BC.B\C09781.D
Date : 13-OCT-2000 20:31
Client ID: C09781
Sample Info: LCS-1013BC,LCS,1,,0,1,0,8260BCL.M,C09781
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



000411

BOE-C6-0166223

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D
Lab Smp Id: MB-1013BC Client Smp ID: C09781
Inj Date : 13-OCT-2000 21:02
Operator : AD Inst ID: mc.i
Smp Info : MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

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)
14 Acrylonitrile	53	7.457	7.428	(0.928)	39493	82.0580	82.06(Q)
$ 29 Dibromofluoromethane	111	6.915	6.886	(0.860)	877296	9.88854	9.89
$ 33 1,2-Dichloroethane-d4	65	7.447	7.428	(0.926)	396696	9.55925	9.56
34 1,2-Dichloroethane-d4 2nd	102	7.447	7.428	(0.926)	71371	9.75440	9.75
37 Tert-amyl methyl ether	73	8.029	7.803	(0.999)	29834	0.44518	0.445(a)
* 38 Fluorobenzene	96	8.039	8.020	(1.000)	1661865	10.0000	
$ 47 Toluene-d8	98	10.838	10.828	(0.803)	1298854	10.0248	10.02
* 56 Chlorobenzene-d5	117	13.499	13.489	(1.000)	1192925	10.0000	
$ 66 4-Bromofluorobenzene	95	15.805	15.796	(1.171)	876903	10.1702	10.17
67 4-Bromofluorobenzene-2nd	174	15.805	15.796	(1.171)	737168	10.0964	10.10
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.112	(1.000)	706762	10.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D
Lab Smp Id: MB-1013BC Client Smp ID: C09781
Inj Date : 13-OCT-2000 21:02
Operator : AD Inst ID: mc.i
Smp Info : MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09782.D
Lab Smp Id: MB-1013BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,3,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30
Client Smp ID: C09781
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1661865	3.12
56 Chlorobenzene-d5	1203388	601694	2406776	1192925	-0.87
79 1,4-Dichlorobenze	758273	379137	1516546	706762	-6.79

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.04	0.24
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.07
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.13	0.11

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

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1013BC
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa30355
Client Smp ID: C09781
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

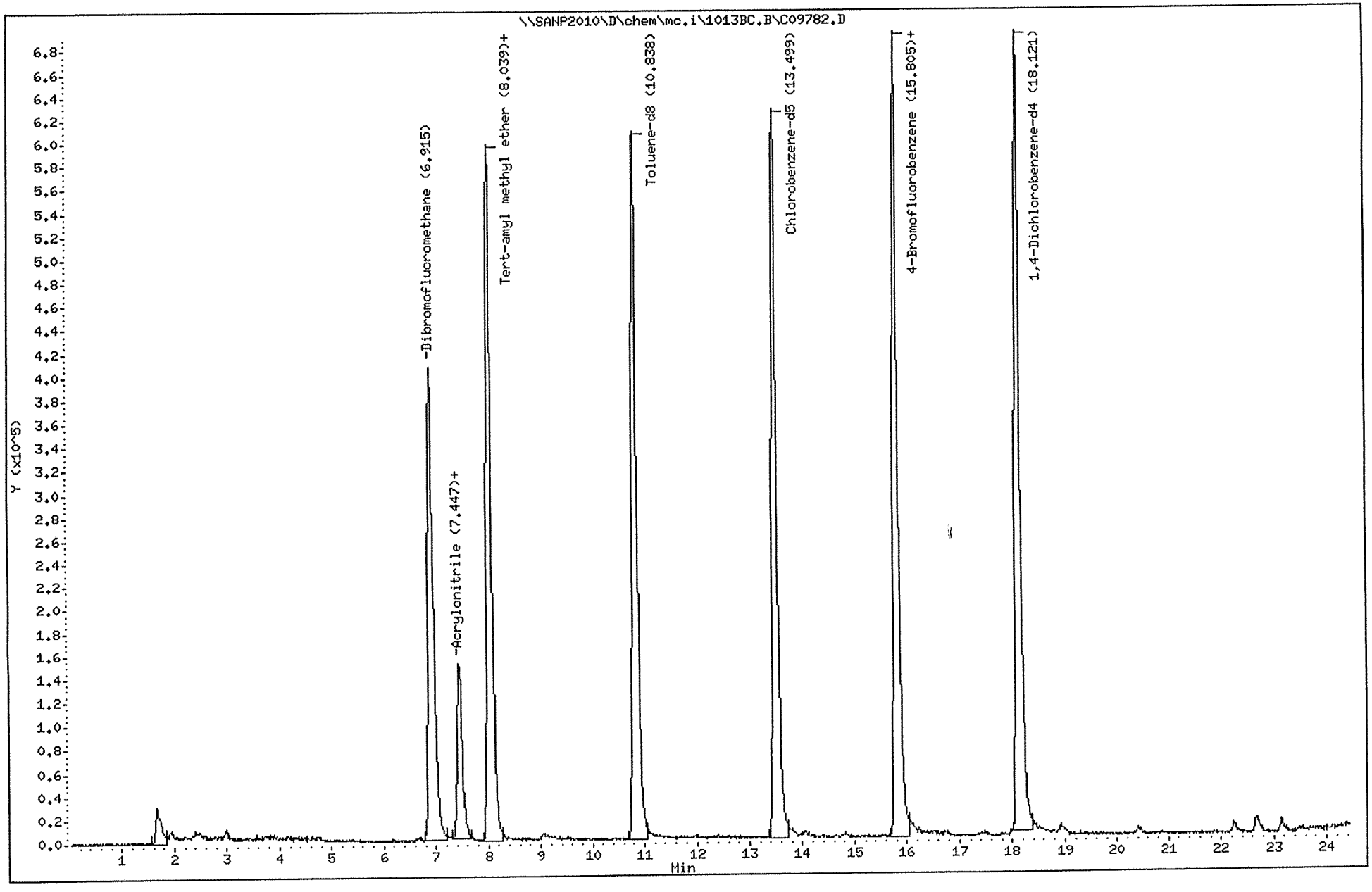
CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D
Date : 13-OCT-2000 21:02
Client ID: C09781
Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i

Operator: AD
Column diameter: 0.53



000417

BOE-C6-0166229

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D

Date : 13-OCT-2000 21:02

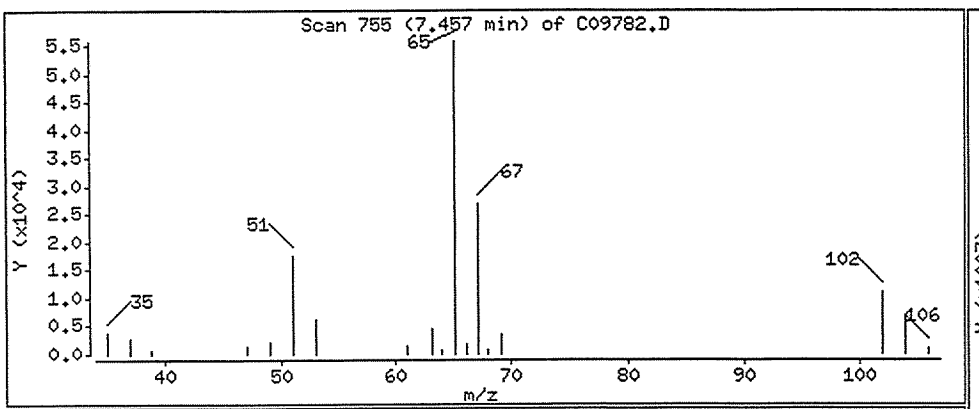
Client ID: C09781 Instrument: mc.i

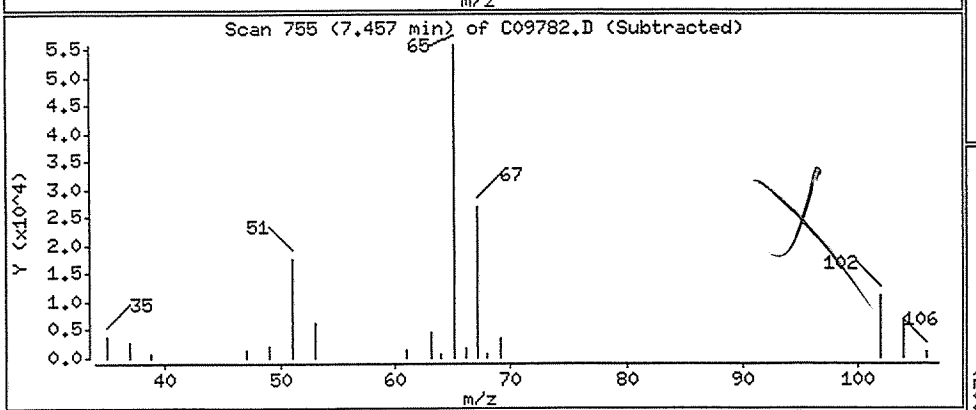
Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781

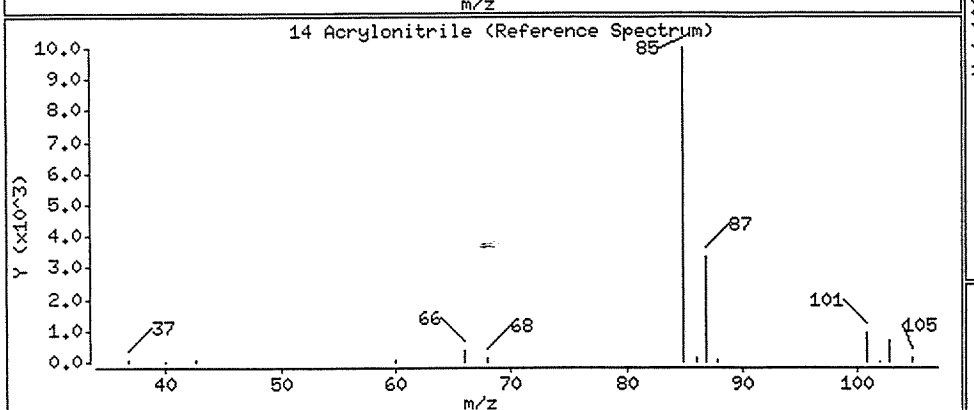
Purge Volume: 25.0 Operator: AD

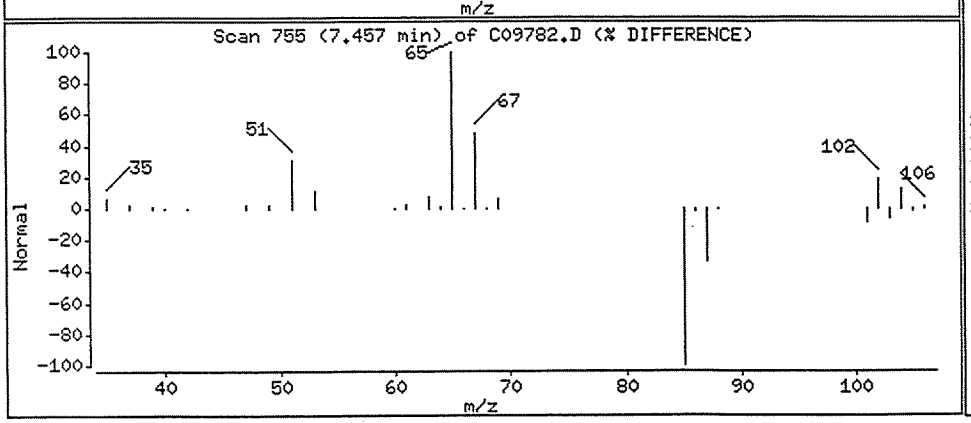
Column phase: J&W DB-624 Column diameter: 0.53

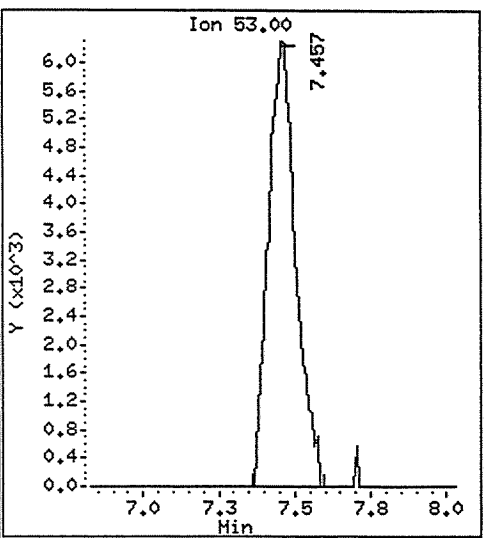
14 Acrylonitrile Concentration: 82.06 ug/L

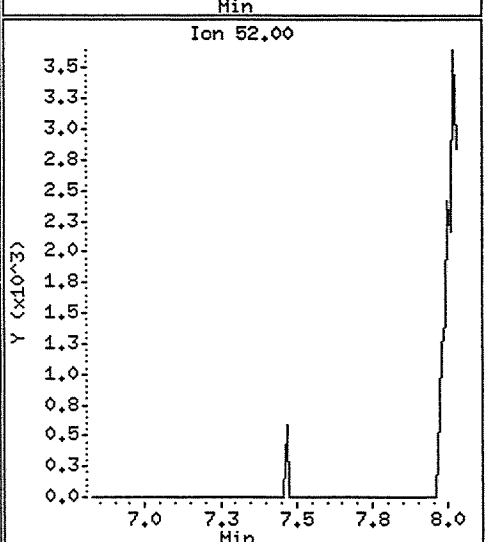


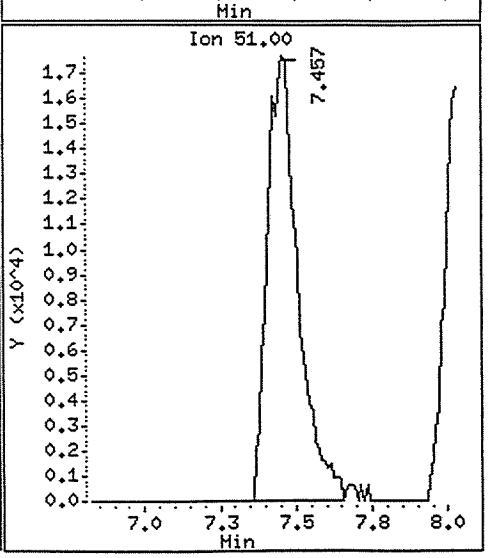












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D

Date : 13-OCT-2000 21:02

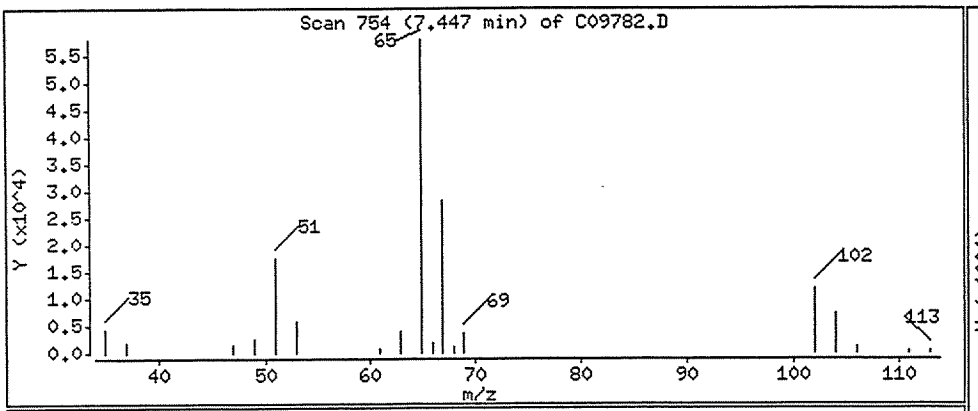
Client ID: C09781 Instrument: mc.i

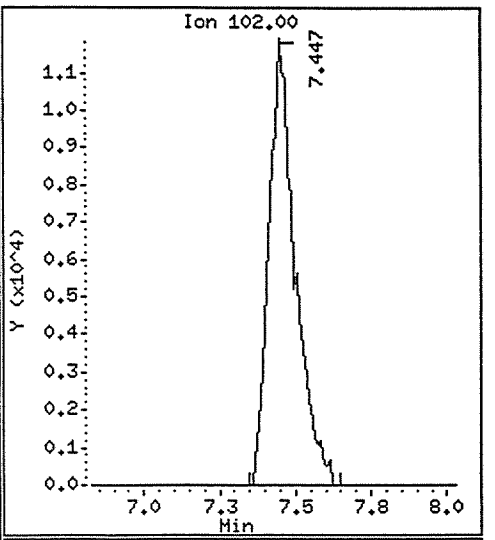
Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781

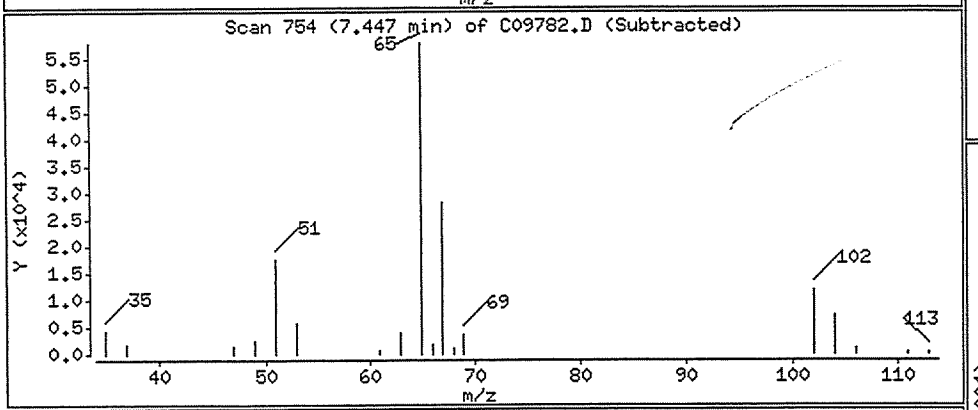
Purge Volume: 25.0 Operator: AD

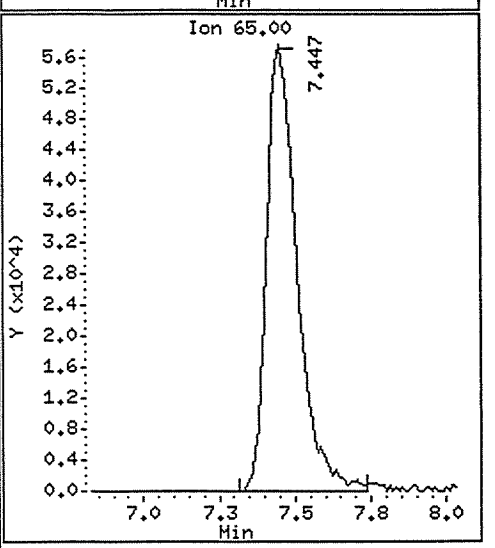
Column phase: J&W DB-624 Column diameter: 0.53

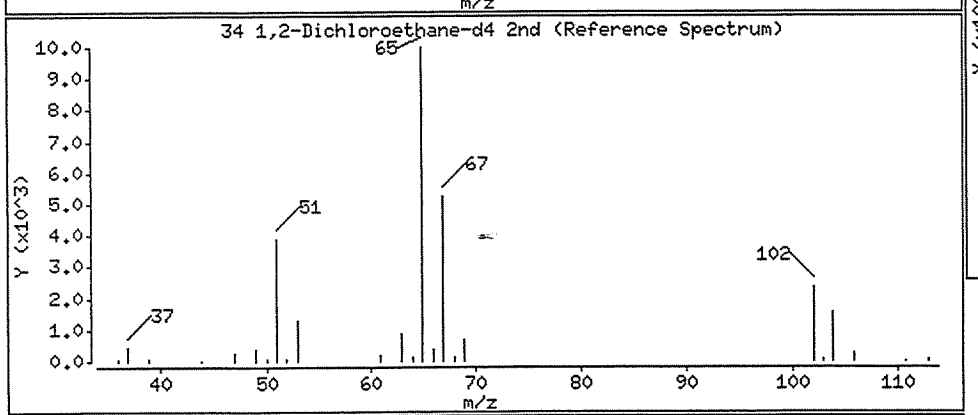
34 1,2-Dichloroethane-d4 2nd Concentration: 9.75 ug/L

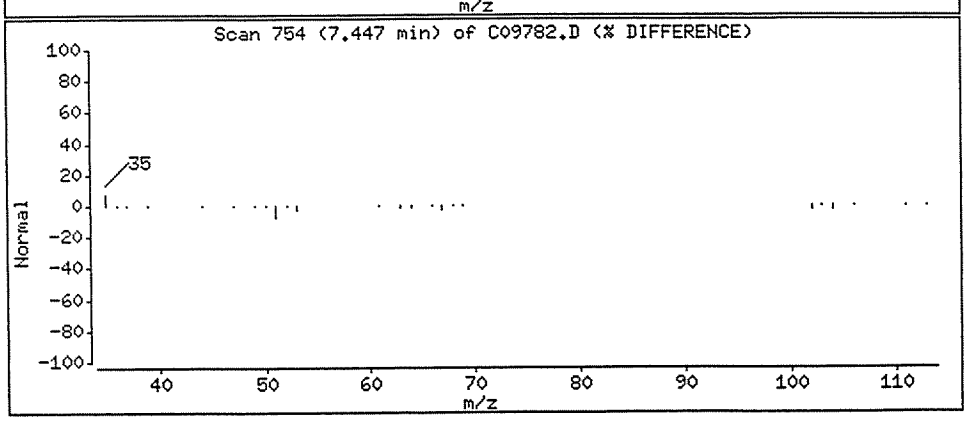












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D

Date : 13-OCT-2000 21:02

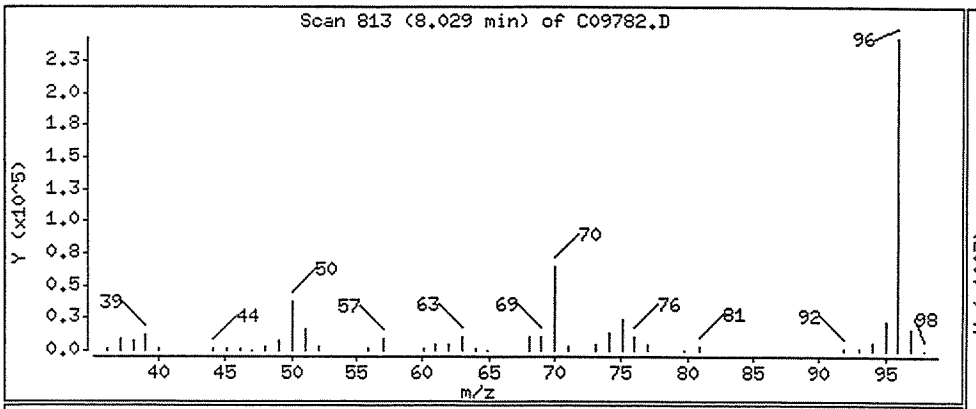
Client ID: C09781 Instrument: mc.i

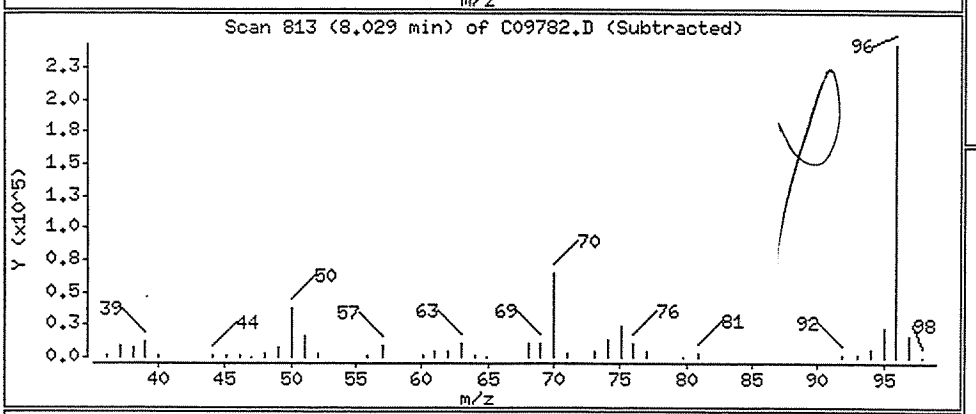
Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781

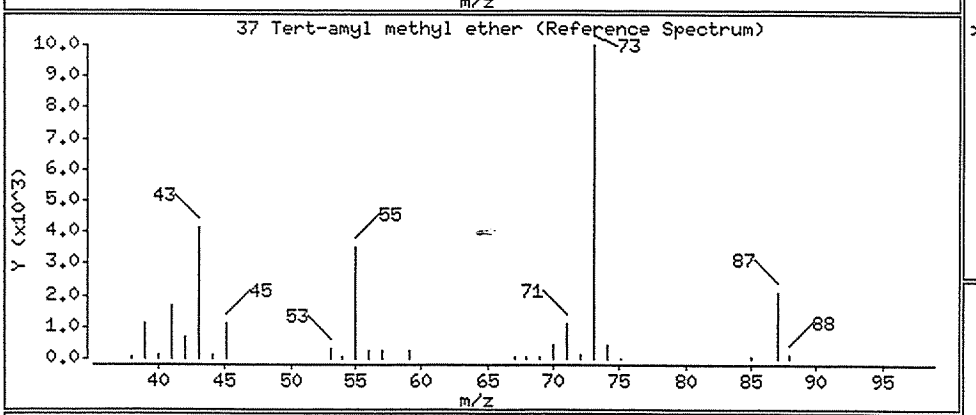
Purge Volume: 25.0 Operator: AD

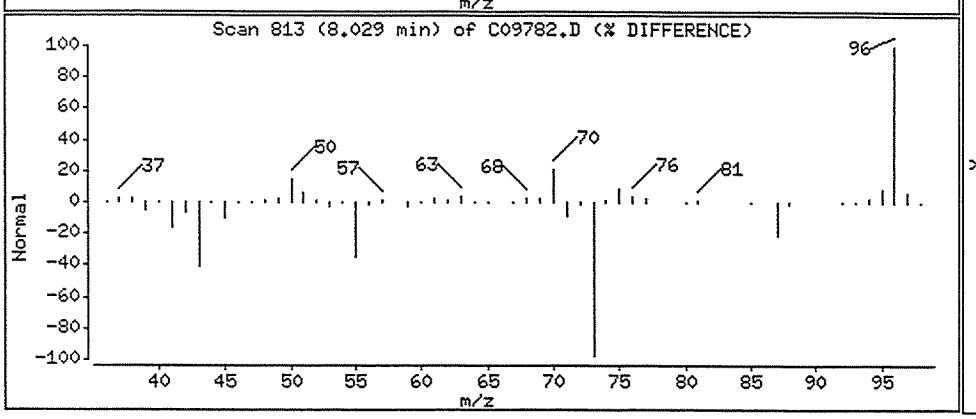
Column phase: J&W DB-624 Column diameter: 0.53

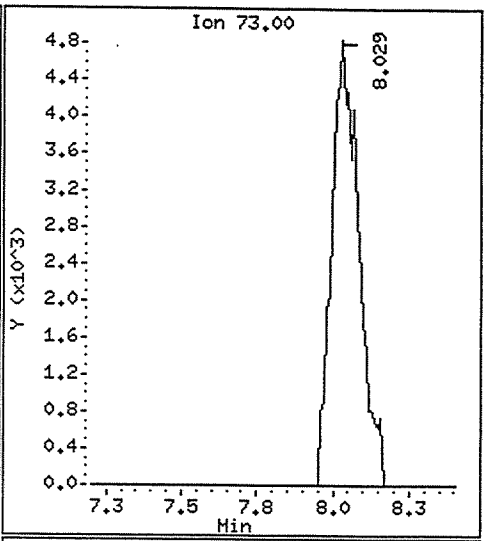
37 Tert-amyl methyl ether Concentration: 0.445 ug/L

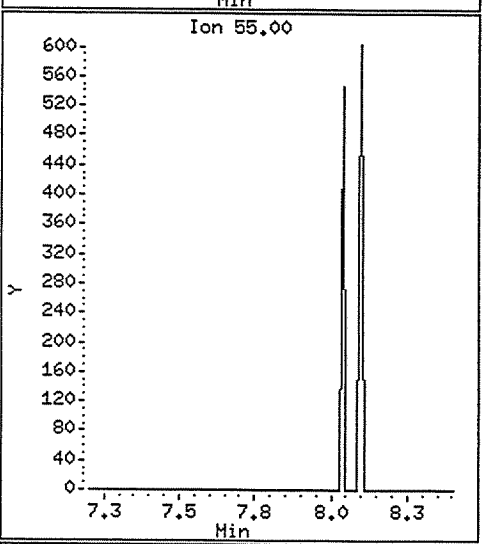


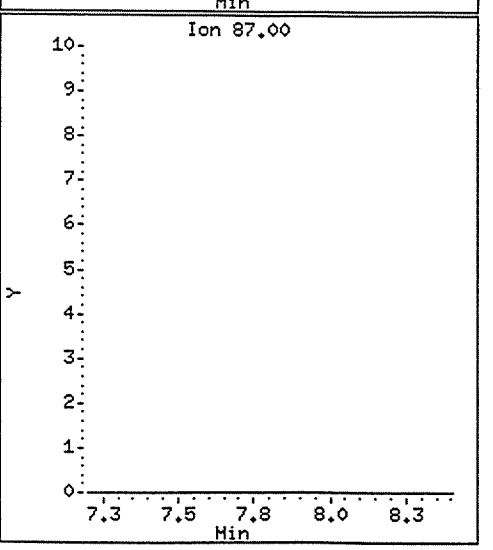












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D

Date : 13-OCT-2000 21:02

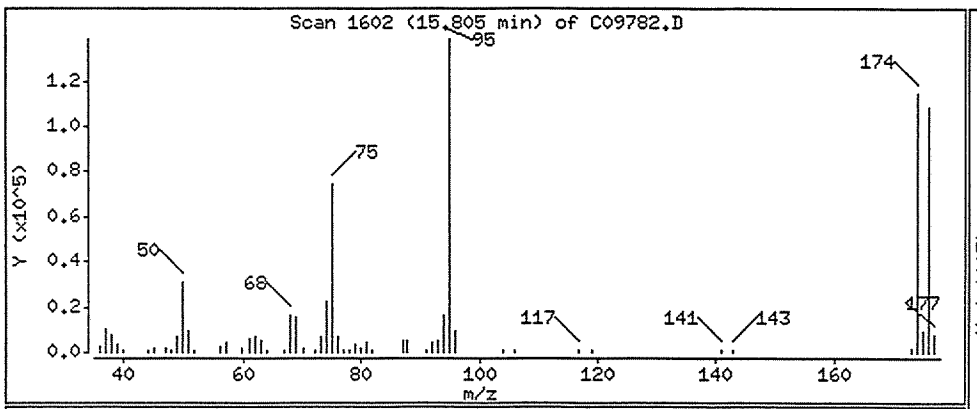
Client ID: C09781 Instrument: mc.i

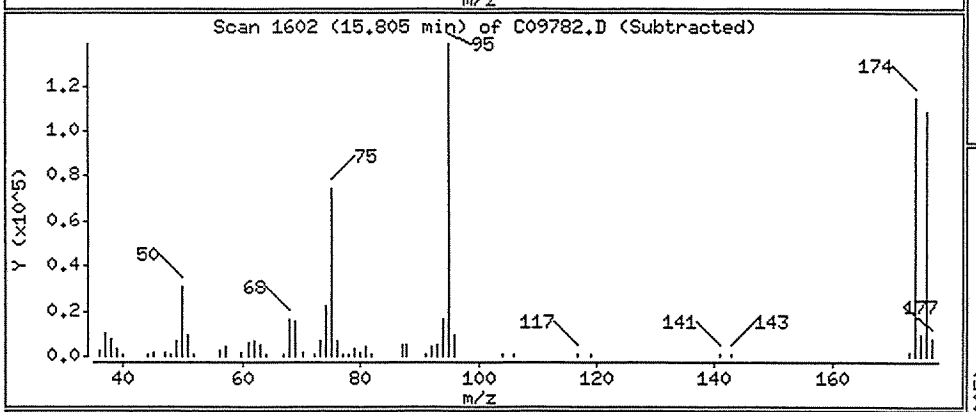
Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781

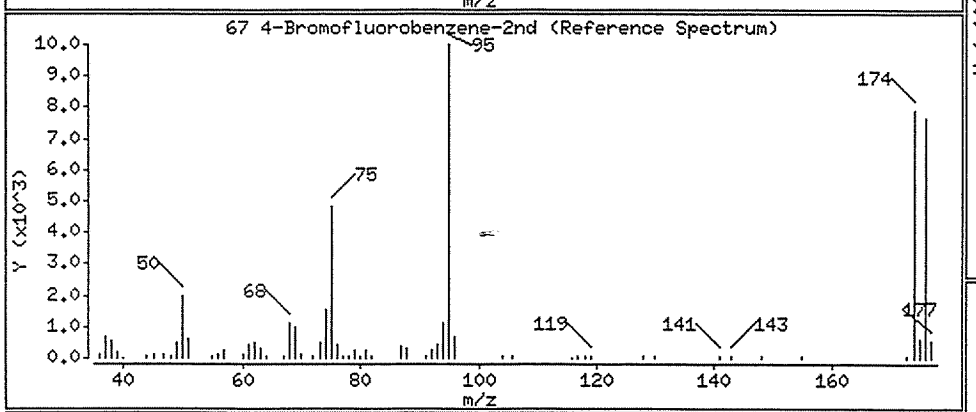
Purge Volume: 25.0 Operator: AD

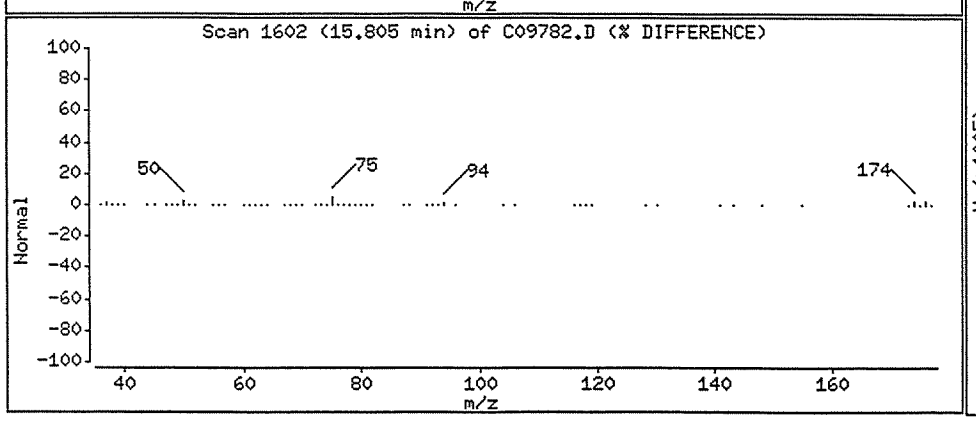
Column phase: J&W DB-624 Column diameter: 0.53

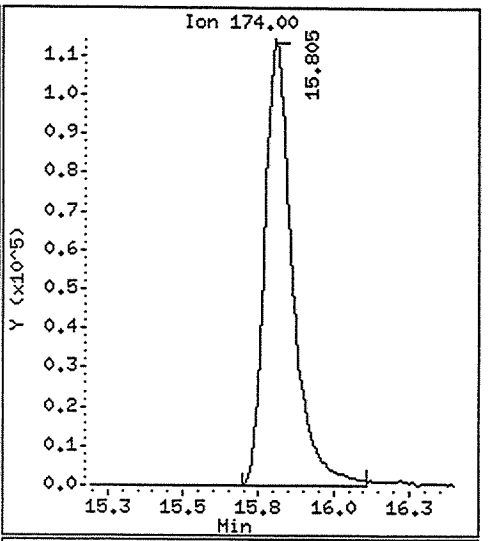
67 4-Bromofluorobenzene-2nd Concentration: 10.10 ug/L

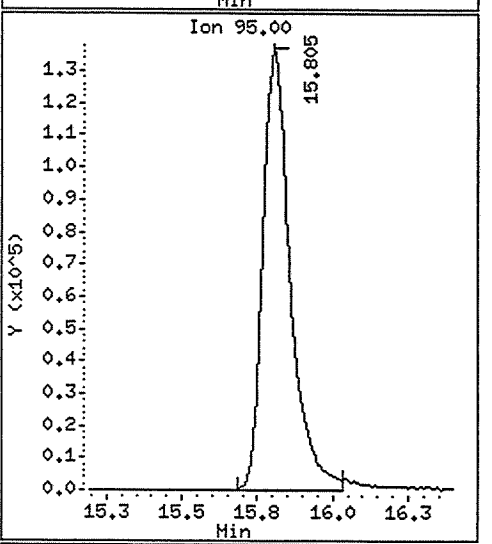


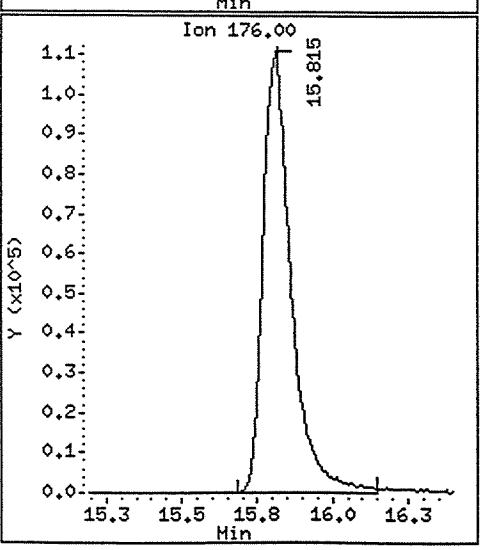












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09804.D
Lab Smp Id: LCS-1014AC
Client Smp ID: C09804
Inj Date : 14-OCT-2000 09:47
Operator : AD
Inst ID: mc.i
Smp Info : LCS-1014AC,LCS,1,,0,1,0,8260BCL.M,C09804
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 09:32 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.D
Als bottle: 2
QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

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	3.495	3.498	(0.436)	427732	9.26809	9.27
$ 29 Dibromofluoromethane	111	6.905	6.908	(0.861)	867133	10.0732	10.07
$ 33 1,2-Dichloroethane-d4	65	7.427	7.450	(0.926)	391565	9.72445	9.72
34 1,2-Dichloroethane-d4 2nd	102	7.427	7.450	(0.926)	75884	10.6887	10.69
35 Benzene	78	7.536	7.548	(0.940)	1163672	9.08377	9.08
* 38 Fluorobenzene	96	8.019	8.031	(1.000)	1612504	10.0000	
39 Trichloroethene	130	8.659	8.672	(1.080)	724131	8.92312	8.92
$ 47 Toluene-d8	98	10.828	10.830	(0.803)	1287762	10.1038	10.10
48 Toluene (*)	91	10.946	10.948	(0.811)	1482931	9.06145	9.06
* 56 Chlorobenzene-d5	117	13.489	13.491	(1.000)	1173487	10.0000	
57 Chlorobenzene (**)	112	13.538	13.550	(1.004)	1119116	8.89621	8.90
$ 66 4-Bromofluorobenzene	95	15.805	15.797	(1.172)	895527	10.5583	10.56
67 4-Bromofluorobenzene-2nd	174	15.815	15.807	(1.172)	755941	10.5250	10.52
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.123	(1.000)	732722	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09804.D
Lab Smp Id: LCS-1014AC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 14-OCT-2000
Calibration Time: 09:08
Client Smp ID: C09804
Level: LOW
Sample Type: WATER

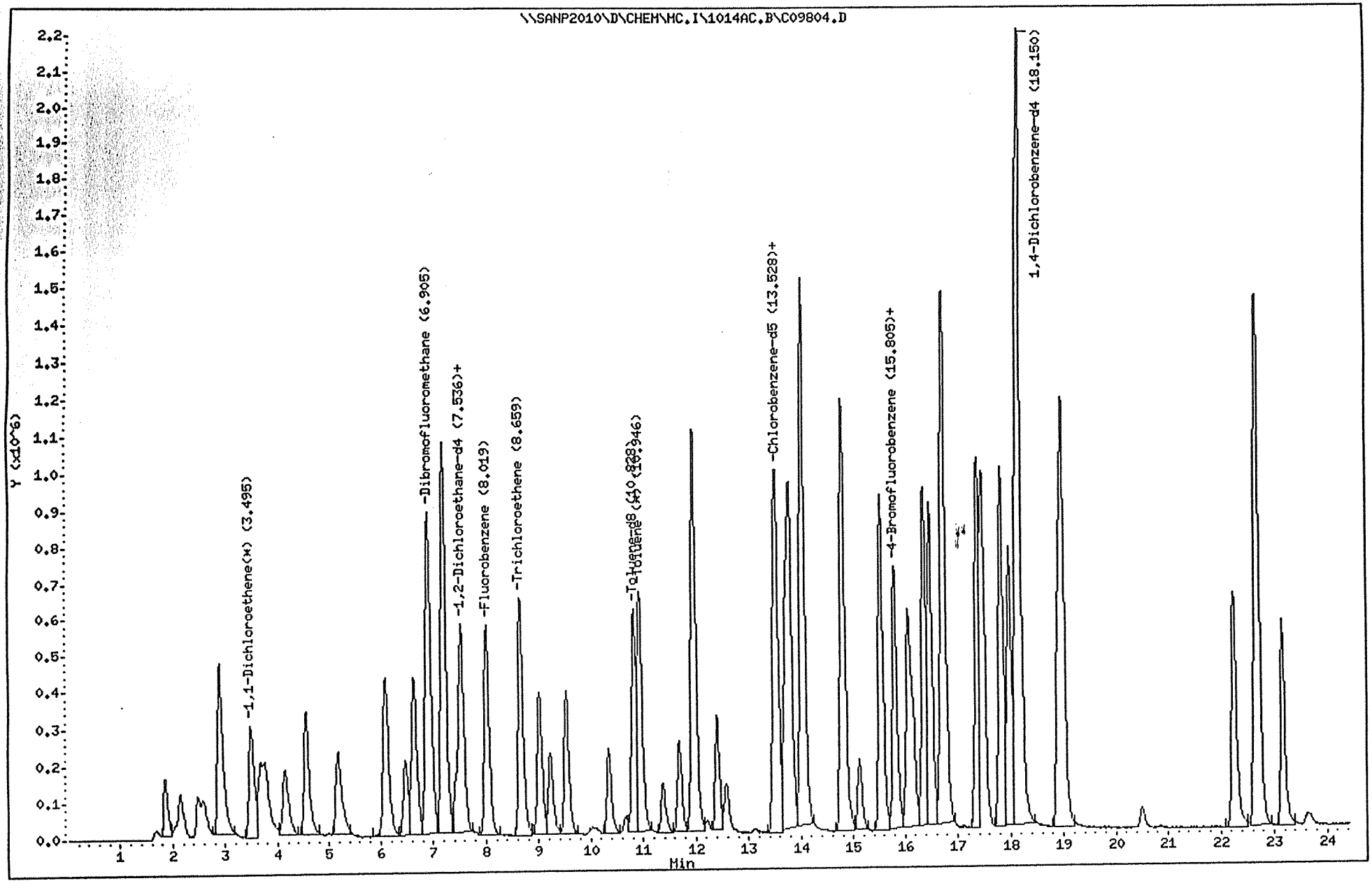
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1715078	857539	3430156	1612504	-5.98
56 Chlorobenzene-d5	1242425	621213	2484850	1173487	-5.55
79 1,4-Dichlorobenze	764494	382247	1528988	732722	-4.16

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.03	7.53	8.53	8.02	-0.15
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.02
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	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.

Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09804.D
Date : 14-OCT-2000 09:47
Client ID: C09804
Sample Info: LCS-1014AC,LCS,1,,0,1,0,8260BCL.M,C09804
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



000424

BOE-C6-0166236

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D
Lab Smp Id: MB-1014AC Client Smp ID: C09805
Inj Date : 14-OCT-2000 10:17
Operator : AD Inst ID: mc.i
Smp Info : MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 10:30 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.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: SANP2010

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)
14 Acrylonitrile	53	7.438	7.430	(0.926)	38441	84.4547	84.45(Q)
$ 29 Dibromofluoromethane	111	6.906	6.908	(0.860)	842824	10.0452	10.04
$ 33 1,2-Dichloroethane-d4	65	7.438	7.450	(0.926)	382417	9.74400	9.74
34 1,2-Dichloroethane-d4 2nd	102	7.448	7.450	(0.928)	68376	9.88135	9.88
37 Tert-amyl methyl ether	73	8.019	7.814	(0.999)	27859	0.43956	0.440(a)
* 38 Fluorobenzene	96	8.029	8.031	(1.000)	1571670	10.0000	
$ 47 Toluene-d8	98	10.828	10.830	(0.803)	1246938	9.64504	9.64
* 56 Chlorobenzene-d5	117	13.489	13.491	(1.000)	1190332	10.0000	
$ 66 4-Bromofluorobenzene	95	15.805	15.797	(1.172)	886266	10.3012	10.30
67 4-Bromofluorobenzene-2nd	174	15.805	15.807	(1.172)	742087	10.1859	10.18
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.123	(1.000)	709605	10.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09805.D
Lab Smp Id: MB-1014AC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,1-8260B.SUB

Calibration Date: 14-OCT-2000
Calibration Time: 09:08
Client Smp ID: C09805
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1715078	857539	3430156	1571670	-8.36
56 Chlorobenzene-d5	1233700	616850	2467400	1190332	-3.52
79 1,4-Dichlorobenze	765106	382553	1530212	709605	-7.25

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.03	7.53	8.53	8.03	-0.02
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.01
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	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 : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D
Lab Smp Id: MB-1014AC Client Smp ID: C09805
Inj Date : 14-OCT-2000 10:17
Operator : AD Inst ID: mc.i
Smp Info : MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 10:30 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.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: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: MB-1014AC
Level: LOW
Data Type: MS DATA
SpikeList File: SH.spk
Sublist File: 1-8260B.SUB
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,1-8260B.SUB

Client SDG: SDGa02609
Fraction: VOA
Client Smp ID: C09805
Operator: AD
SampleType: BLANK
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
8 1,1-Dichloroethen	10.00	0.000	*	70-130
35 Benzene	10.00	0.000	*	75-120
39 Trichloroethene	10.00	0.000	*	75-130
48 Toluene (*)	10.00	0.000	*	80-120
57 Chlorobenzene (**)	10.00	0.000	*	80-120

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 29 Dibromofluorometha	10.00	10.04	100.40	70-130
$ 33 1,2-Dichloroethane	10.00	9.74	97.40	65-130
$ 47 Toluene-d8	10.00	9.64	96.40	80-130
$ 66 4-Bromofluorobenze	10.00	10.30	103.00	75-120

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1014AC
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa02609
Client Smp ID: C09805
Sample Date:
Sample Point:
Date Received:
Level: LOW

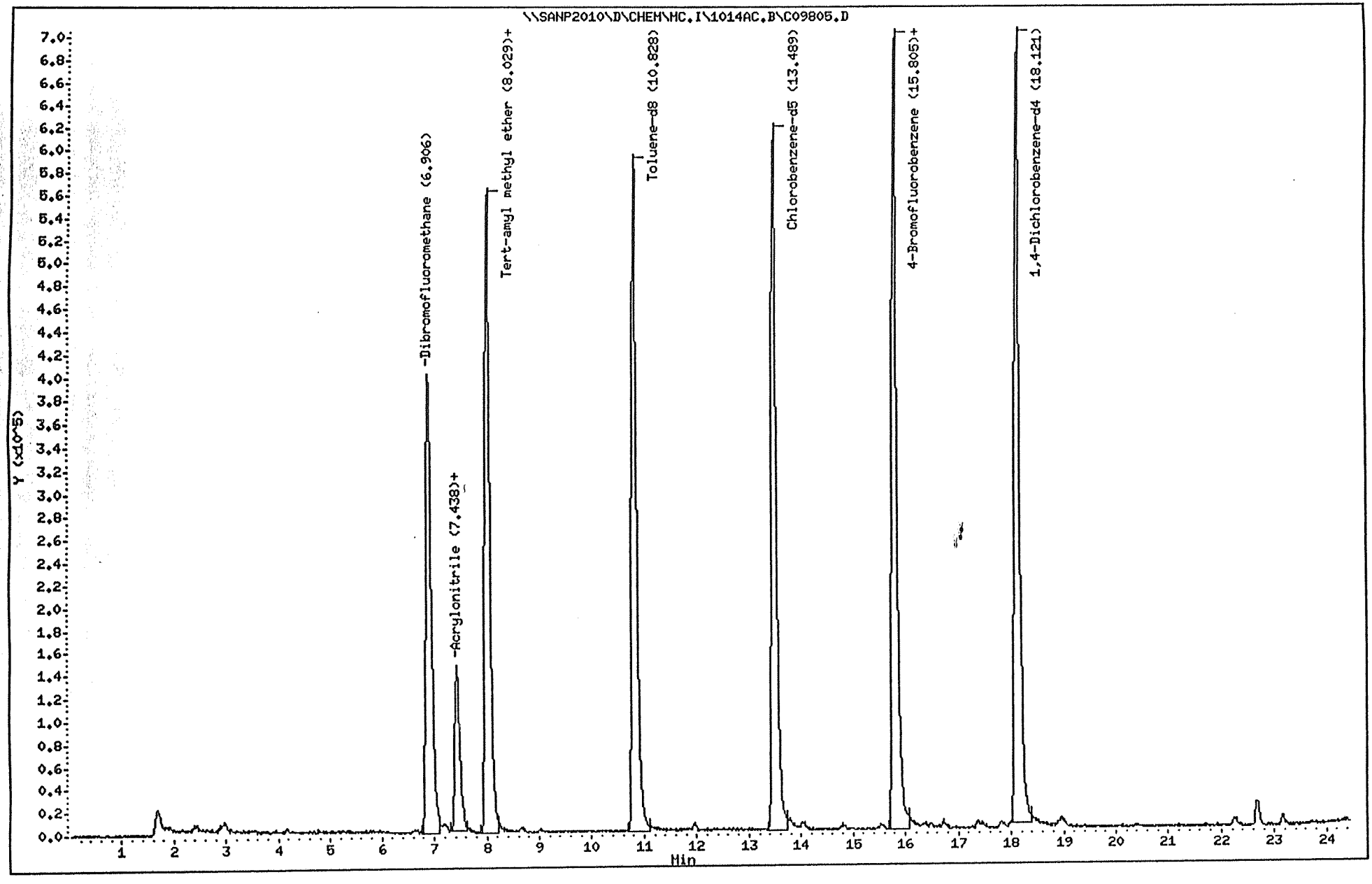
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D
Date : 14-OCT-2000 10:17
Client ID: C09805
Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



000431

BOE-C6-0166243

Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D

Date : 14-OCT-2000 10:17

Client ID: C09805

Instrument: mc.i

Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805

Purge Volume: 25.0

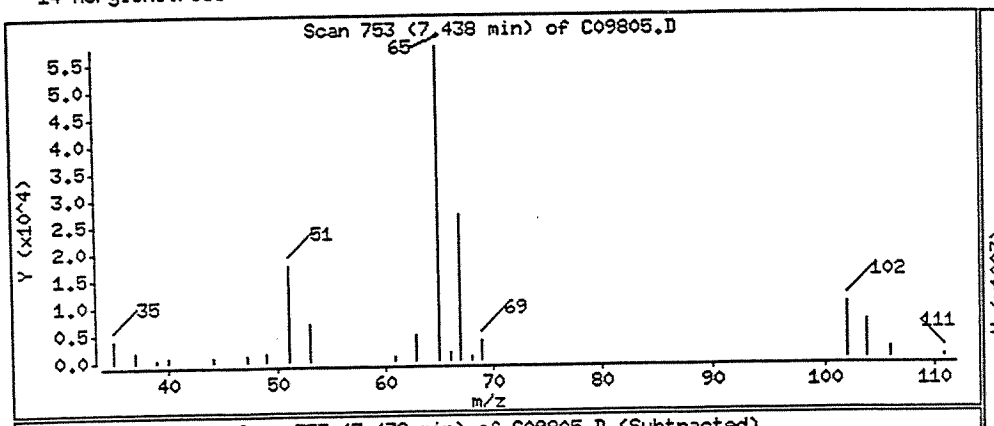
Operator: AD

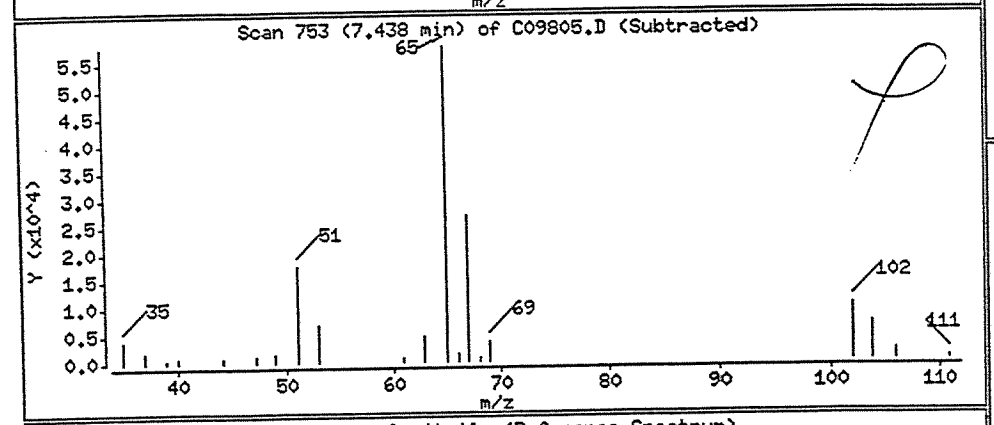
Column phase: J&W DB-624

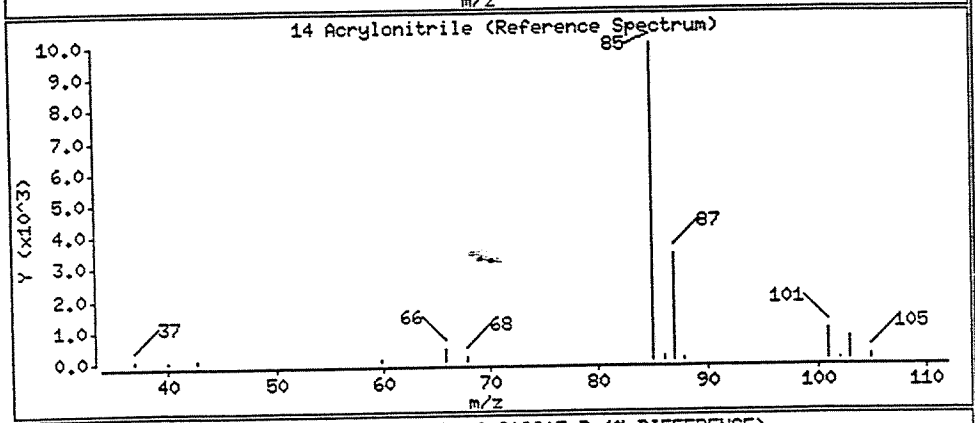
Column diameter: 0.53

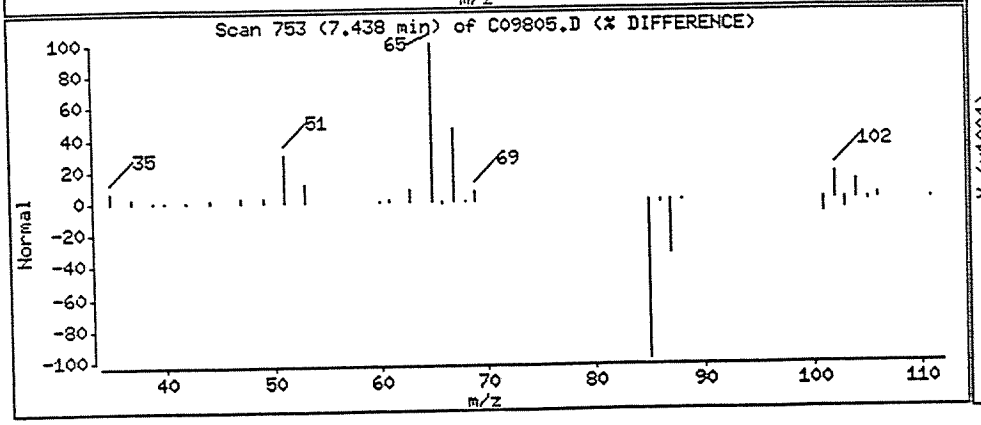
14 Acrylonitrile

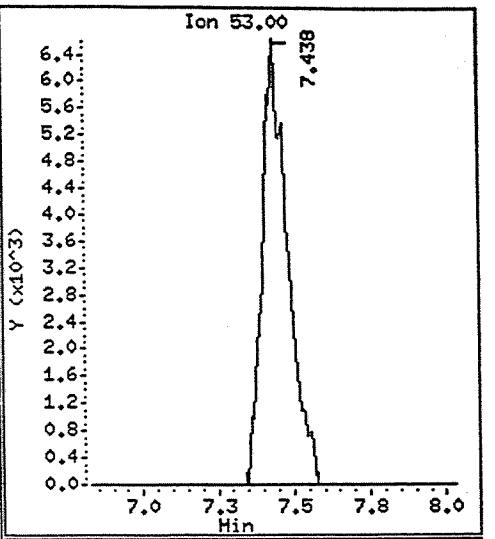
Concentration: 84.45 ug/L

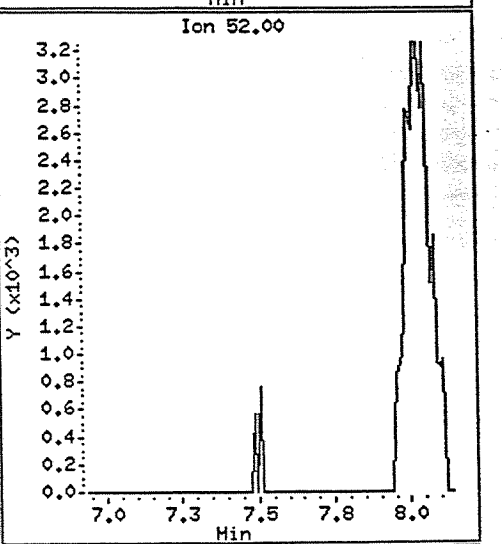


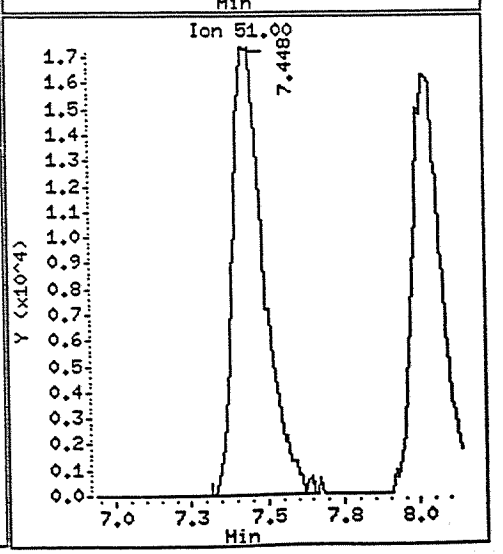












Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D

Date : 14-OCT-2000 10:17

Client ID: C09805

Instrument: mc.i

Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805

Purge Volume: 25.0

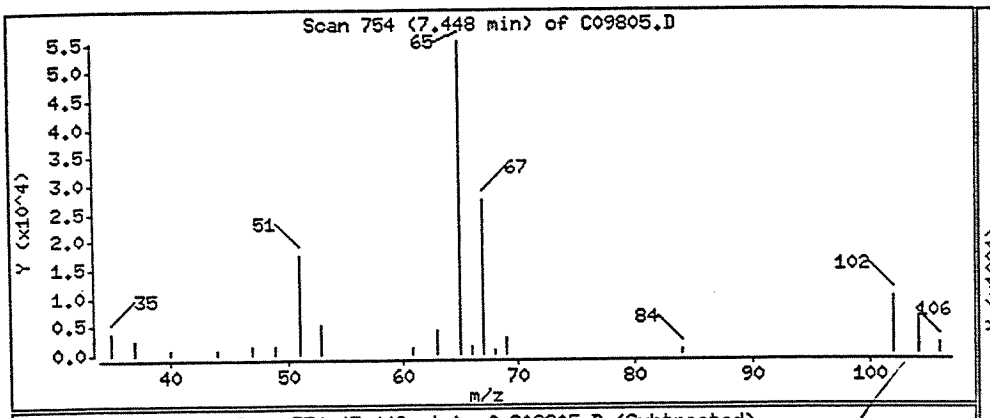
Operator: AD

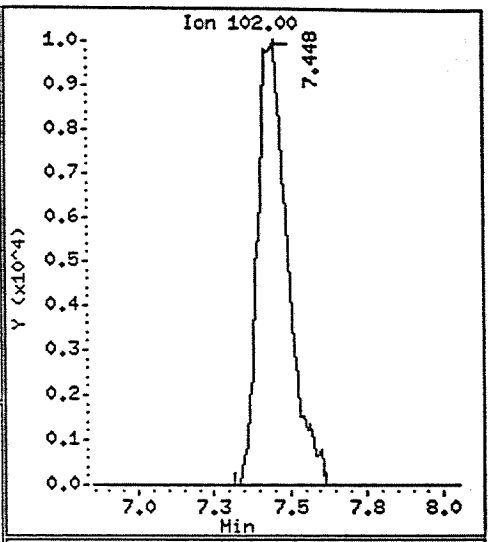
Column phase: J&W DB-624

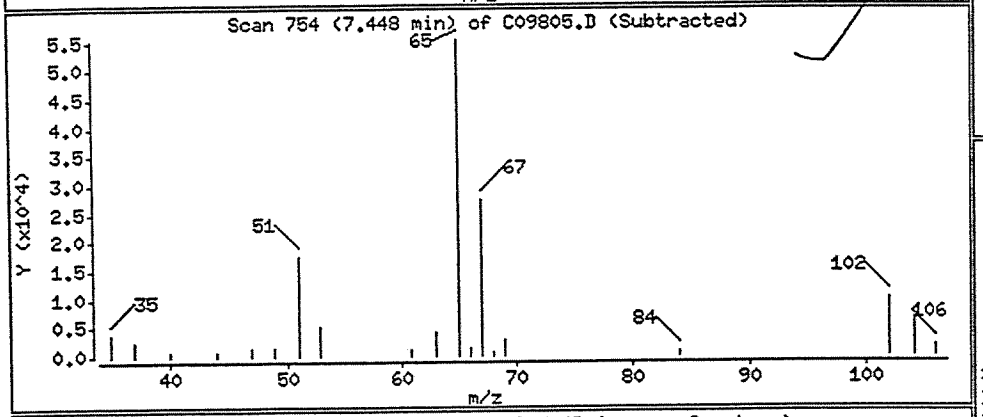
Column diameter: 0.53

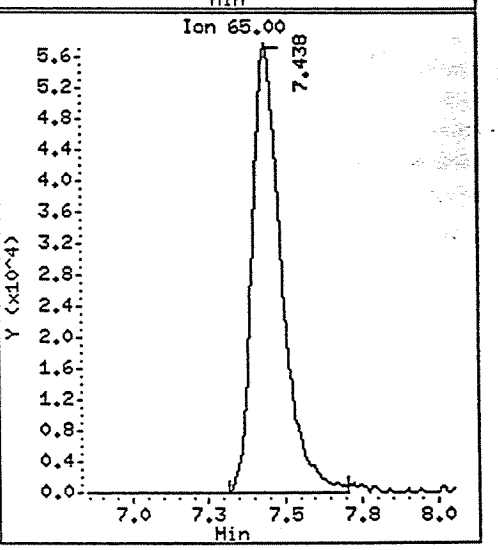
34 1,2-Dichloroethane-d4 2nd

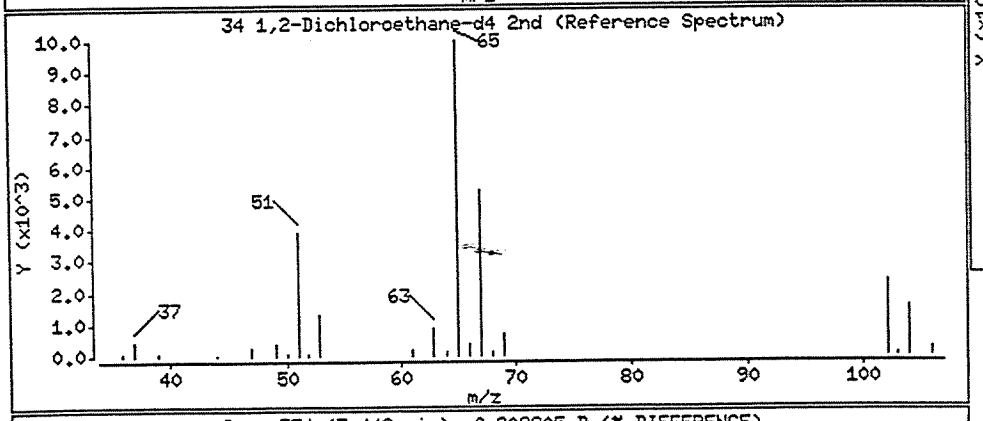
Concentration: 9.88 ug/L

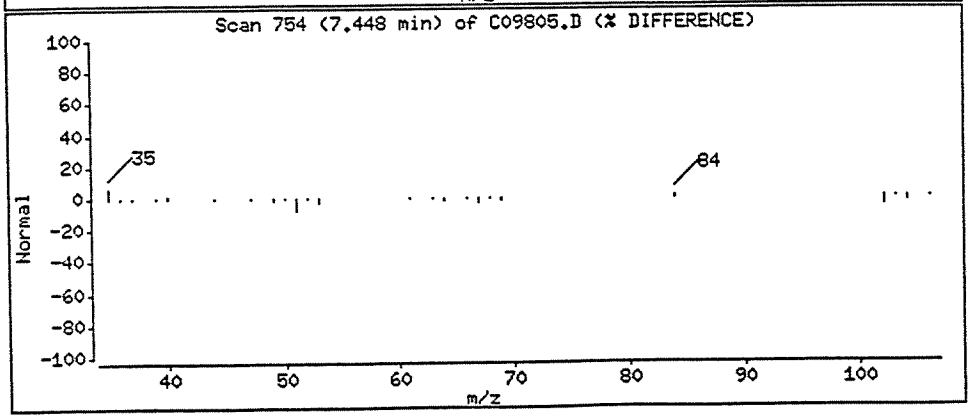












Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D

Date : 14-OCT-2000 10:17

Client ID: C09805

Instrument: mc.i

Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL,H,C09805

Purge Volume: 25.0

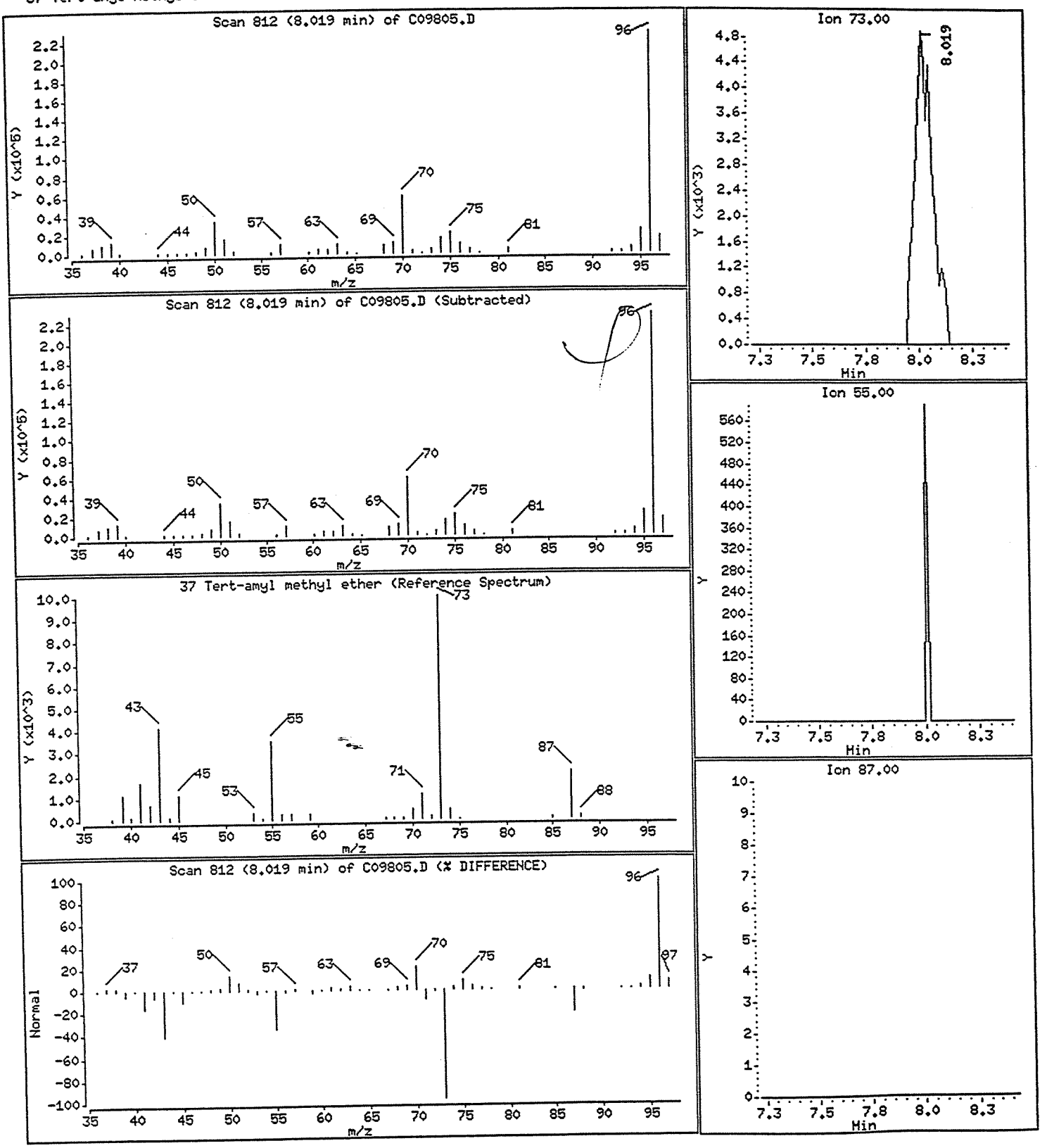
Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

37 Tert-amyl methyl ether

Concentration: 0.440 ug/L



Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D

Date : 14-OCT-2000 10:17

Client ID: C09805

Instrument: mc.i

Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805

Purge Volume: 25.0

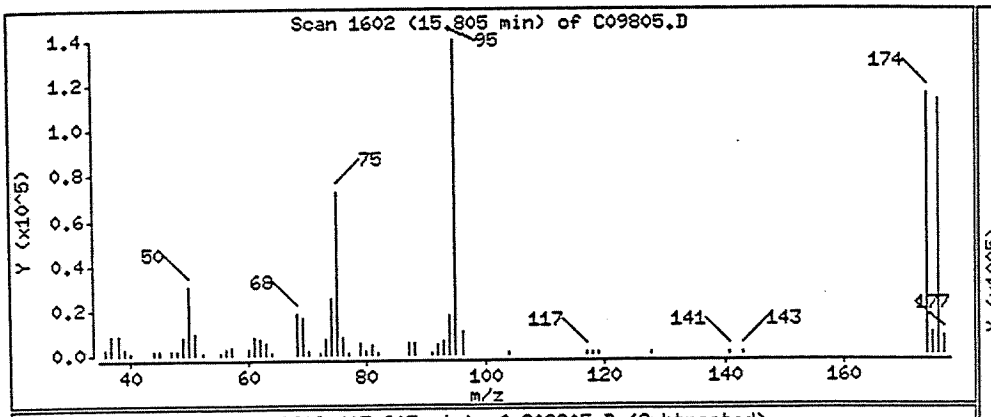
Operator: AD

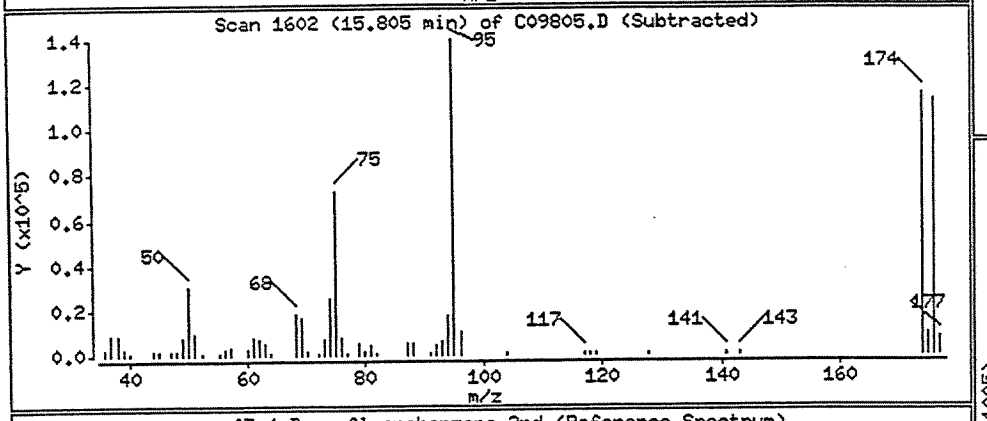
Column phase: J&W DB-624

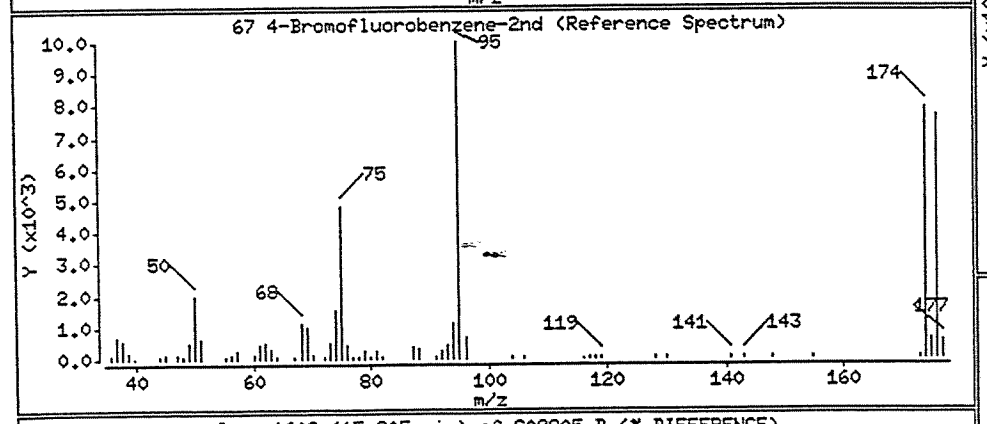
Column diameter: 0.53

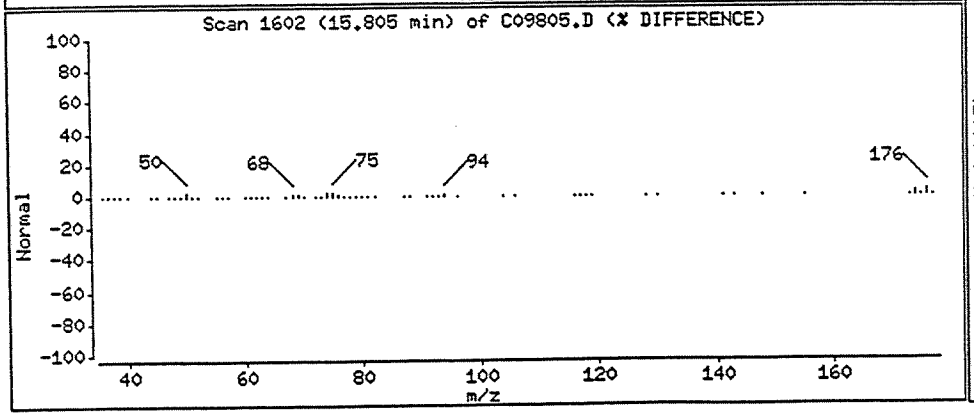
67 4-Bromofluorobenzene-2nd

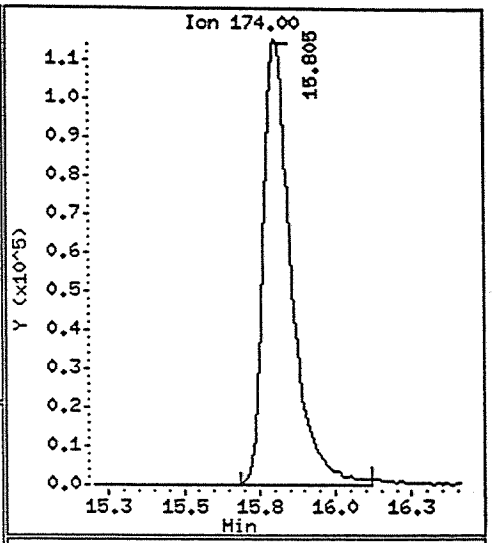
Concentration: 10.18 ug/L

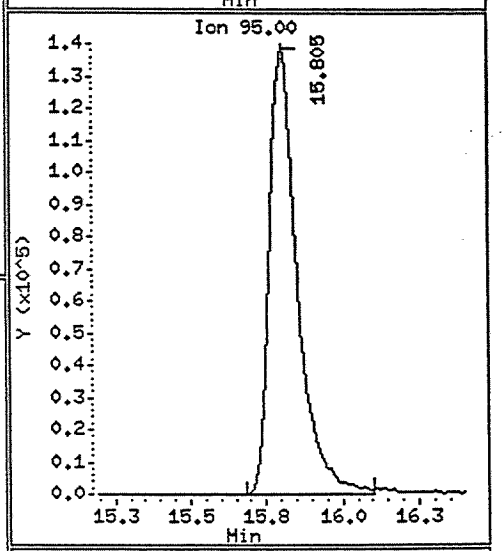


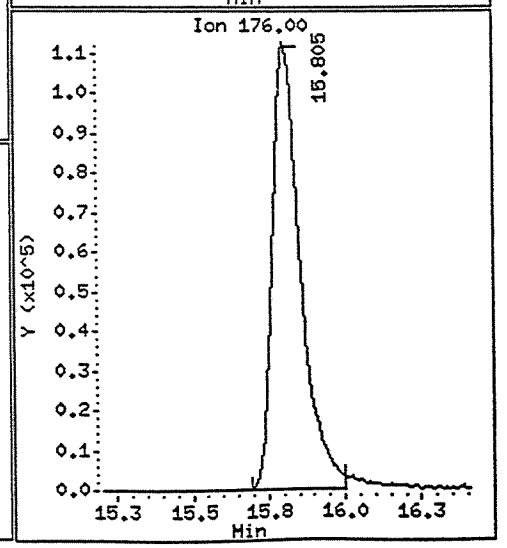












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09822.D
Lab Smp Id: DM3JT1AS Client Smp ID: C09822
Inj Date : 14-OCT-2000 18:49
Operator : AD Inst ID: mc.i
Smp Info : DM3JT1AS,MS,1,,0,1,0,8260BCL.M,C09822
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 10:44 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 15 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

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	3.492	3.498	(0.435)	346032	9.36083	9.36	
$	29 Dibromofluoromethane	111	6.912	6.908	(0.860)	689463	9.99932	10.0	
$	33 1,2-Dichloroethane-d4	65	7.444	7.450	(0.926)	328644	10.1898	10.19	
	34 1,2-Dichloroethane-d4 2nd	102	7.454	7.450	(0.928)	56574	9.94870	9.95	
	35 Benzene	78	7.543	7.548	(0.939)	967565	9.42963	9.43	
*	38 Fluorobenzene	96	8.035	8.031	(1.000)	1291582	10.0000		
	39 Trichloroethene	130	8.676	8.672	(1.080)	599367	9.22084	9.22	
$	47 Toluene-d8	98	10.834	10.830	(0.803)	1025009	9.71326	9.71	
	48 Toluene (*)	91	10.943	10.948	(0.811)	1221843	9.01738	9.02	
*	56 Chlorobenzene-d5	117	13.496	13.491	(1.000)	971606	10.0000		
	57 Chlorobenzene (**)	112	13.545	13.550	(1.004)	942803	9.05188	9.05	
$	66 4-Bromofluorobenzene	95	15.802	15.797	(1.171)	813184	11.5795	11.58	
	67 4-Bromofluorobenzene-2nd	174	15.812	15.807	(1.172)	666385	11.2060	11.20	
*	79 1,4-Dichlorobenzene-d4	152	18.128	18.123	(1.000)	623497	10.0000		(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09822.D
Lab Smp Id: DM3JT1AS
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 14-OCT-2000
Calibration Time: 09:08
Client Smp ID: C09822
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1715078	857539	3430156	1291582	-24.69
56 Chlorobenzene-d5	1233700	616850	2467400	971606	-21.24
79 1,4-Dichlorobenze	765106	382553	1530212	623497	-18.51

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.03	7.53	8.53	8.04	0.05
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.03
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	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.

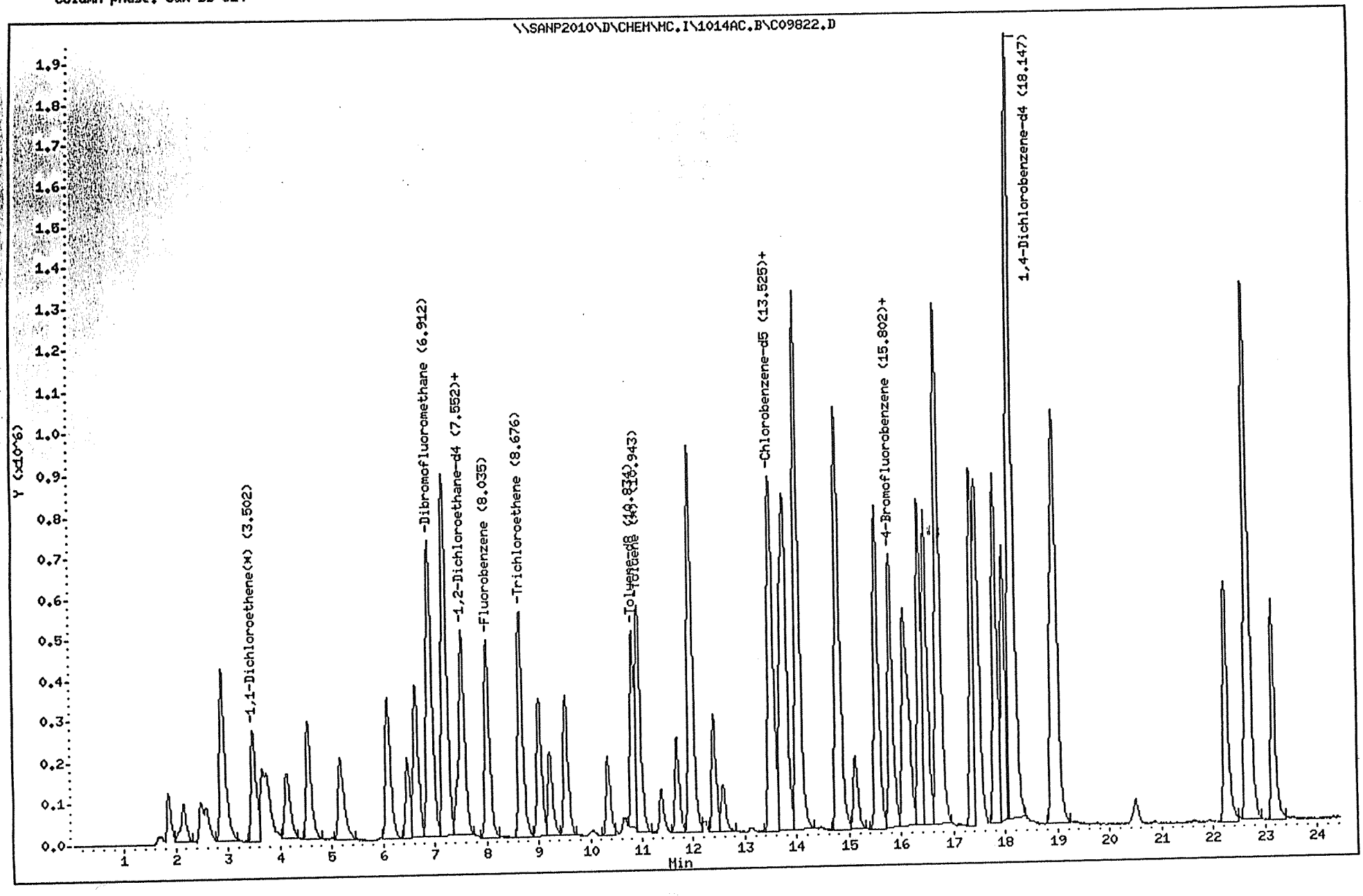
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09822.D
Date : 14-OCT-2000 18:49
Client ID: C09822
Sample Info: DH3JT1AS,HS,1,,0,1,0,8260BCL.H,C09822
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i

Operator: AD
Column diameter: 0.53



000439

BOE-C6-0166251

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09823.D
Lab Smp Id: DM3JT1AP Client Smp ID: C09823
Inj Date : 14-OCT-2000 19:19
Operator : AD Inst ID: mc.i
Smp Info : DM3JT1AP,MSD,1,,0,1,0,8260BCL.M,C09823
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 10:44 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 16 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

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	3.491	3.498	(0.435)	396855	9.38513	9.38
$ 29 Dibromofluoromethane	111	6.911	6.908	(0.861)	769128	9.75145	9.75
$ 33 1,2-Dichloroethane-d4	65	7.453	7.450	(0.929)	370133	10.0325	10.03
34 1,2-Dichloroethane-d4 2nd	102	7.453	7.450	(0.929)	60227	9.25886	9.26(Q)
35 Benzene	78	7.551	7.548	(0.941)	1073194	9.14331	9.14
* 38 Fluorobenzene	96	8.024	8.031	(1.000)	1477444	10.0000	
39 Trichloroethene	130	8.675	8.672	(1.081)	661174	8.89212	8.89
$ 47 Toluene-d8	98	10.833	10.830	(0.803)	1151645	9.68230	9.68
48 Toluene (*)	91	10.951	10.948	(0.812)	1364916	8.93704	8.94
* 56 Chlorobenzene-d5	117	13.494	13.491	(1.000)	1095134	10.0000	
57 Chlorobenzene (**)	112	13.544	13.550	(1.004)	1055297	8.98908	8.99
$ 66 4-Bromofluorobenzene	95	15.810	15.797	(1.172)	910138	11.4983	11.50
67 4-Bromofluorobenzene-2nd	174	15.810	15.807	(1.172)	755560	11.2724	11.27
* 79 1,4-Dichlorobenzene-d4	152	18.126	18.123	(1.000)	690757	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09823.D
Lab Smp Id: DM3JT1AP
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 14-OCT-2000
Calibration Time: 09:08
Client Smp ID: C09823
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1715078	857539	3430156	1477444	-13.86
56 Chlorobenzene-d5	1233700	616850	2467400	1095134	-11.23
79 1,4-Dichlorobenze	765106	382553	1530212	690757	-9.72

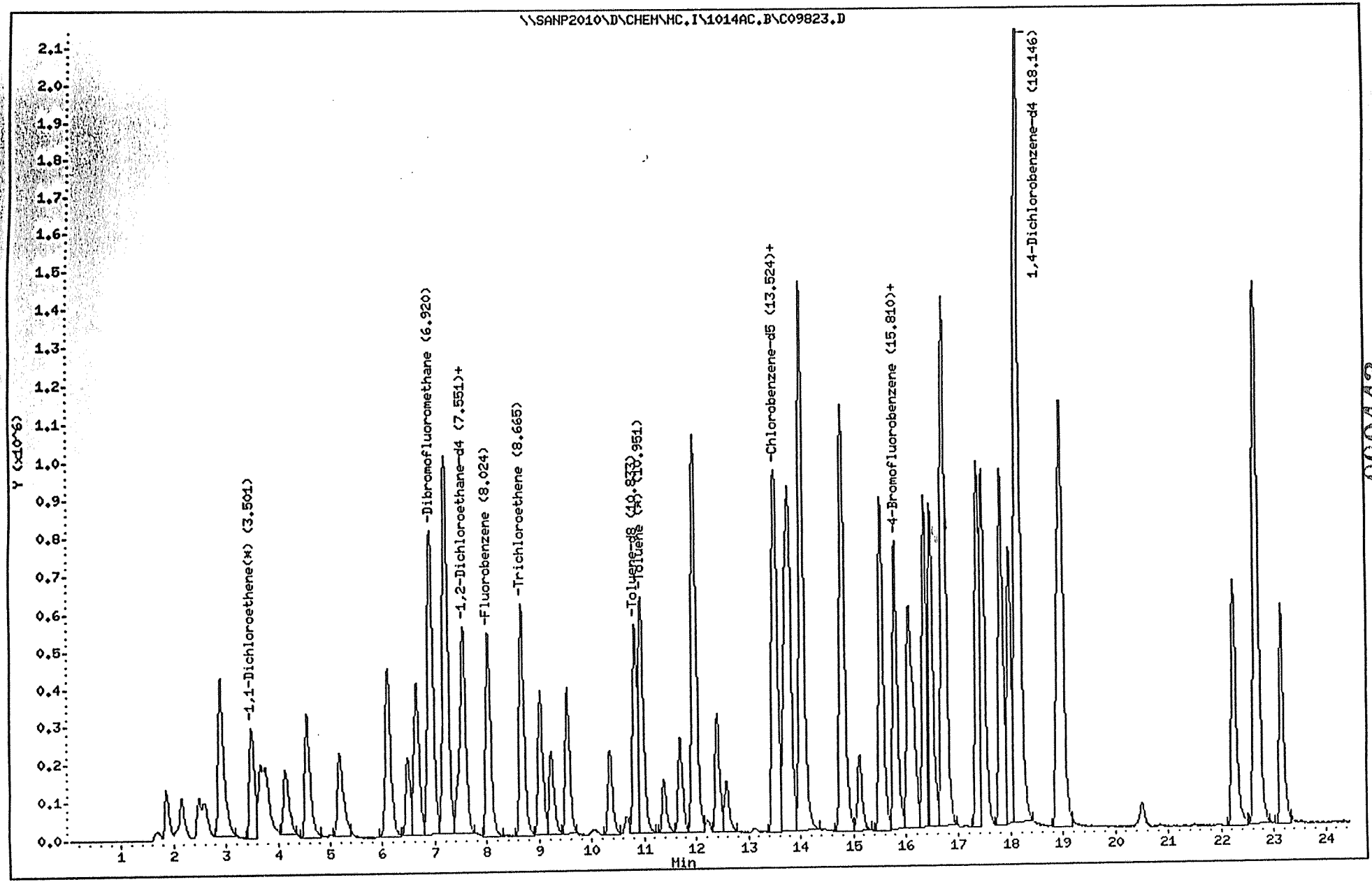
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.03	7.53	8.53	8.02	-0.09
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.02
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	0.02

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.

Data File: \\SANP2010\D\CHEM\HC.I\1014AC.B\C09823.D
Date : 14-OCT-2000 19:19
Client ID: C09823
Sample Info: DM3JT1AP,MSD,1,,0,1,0,8260BCL.M,C09823
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i

Operator: AD
Column diameter: 0.53



000442

BOE-C6-0166254

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1013BC.B\C09788.D
Lab Smp Id: DM1A91AA Client Smp ID: C09788
Inj Date : 14-OCT-2000 00:10
Operator : AD Inst ID: mc.i
Smp Info : DM1A91AA,,1,,0,1,0,8260BCL.M,C09788
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

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)
11 Acetone	43	3.545	3.545	(0.442)	7707	2.34062	2.34(a)
14 Acrylonitrile	53	7.448	7.428	(0.929)	37970	83.3740	83.37(Q)
$ 29 Dibromofluoromethane	111	6.906	6.886	(0.861)	843580	10.0486	10.05
$ 33 1,2-Dichloroethane-d4	65	7.438	7.428	(0.927)	379220	9.65715	9.66
34 1,2-Dichloroethane-d4 2nd	102	7.428	7.428	(0.926)	67010	9.67854	9.68
37 Tert-amyl methyl ether	73	8.030	7.803	(1.001)	28724	0.45295	0.453(a)
* 38 Fluorobenzene	96	8.020	8.020	(1.000)	1572548	10.0000	
$ 47 Toluene-d8	98	10.829	10.828	(0.803)	1233118	10.0528	10.05
* 56 Chlorobenzene-d5	117	13.490	13.489	(1.000)	1129388	10.0000	
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.171)	854100	10.4630	10.46
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	702724	10.1661	10.17
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.112	(1.000)	682187	10.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09788.D
Lab Smp Id: DM1A91AA
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30
Client Smp ID: C09788
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1572548	-2.42
56 Chlorobenzene-d5	1203388	601694	2406776	1129388	-6.15
79 1,4-Dichlorobenze	758273	379137	1516546	682187	-10.03

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.00
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	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

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1013BC.B\C09788.D
Lab Smp Id: DM1A91AA Client Smp ID: C09788
Inj Date : 14-OCT-2000 00:10
Operator : AD Inst ID: mc.i
Smp Info : DM1A91AA,,1,,0,1,0,8260BCL.M,C09788
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DM1A91AA
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa30355
Client Smp ID: C09788
Sample Date:
Sample Point:
Date Received:
Level: LOW

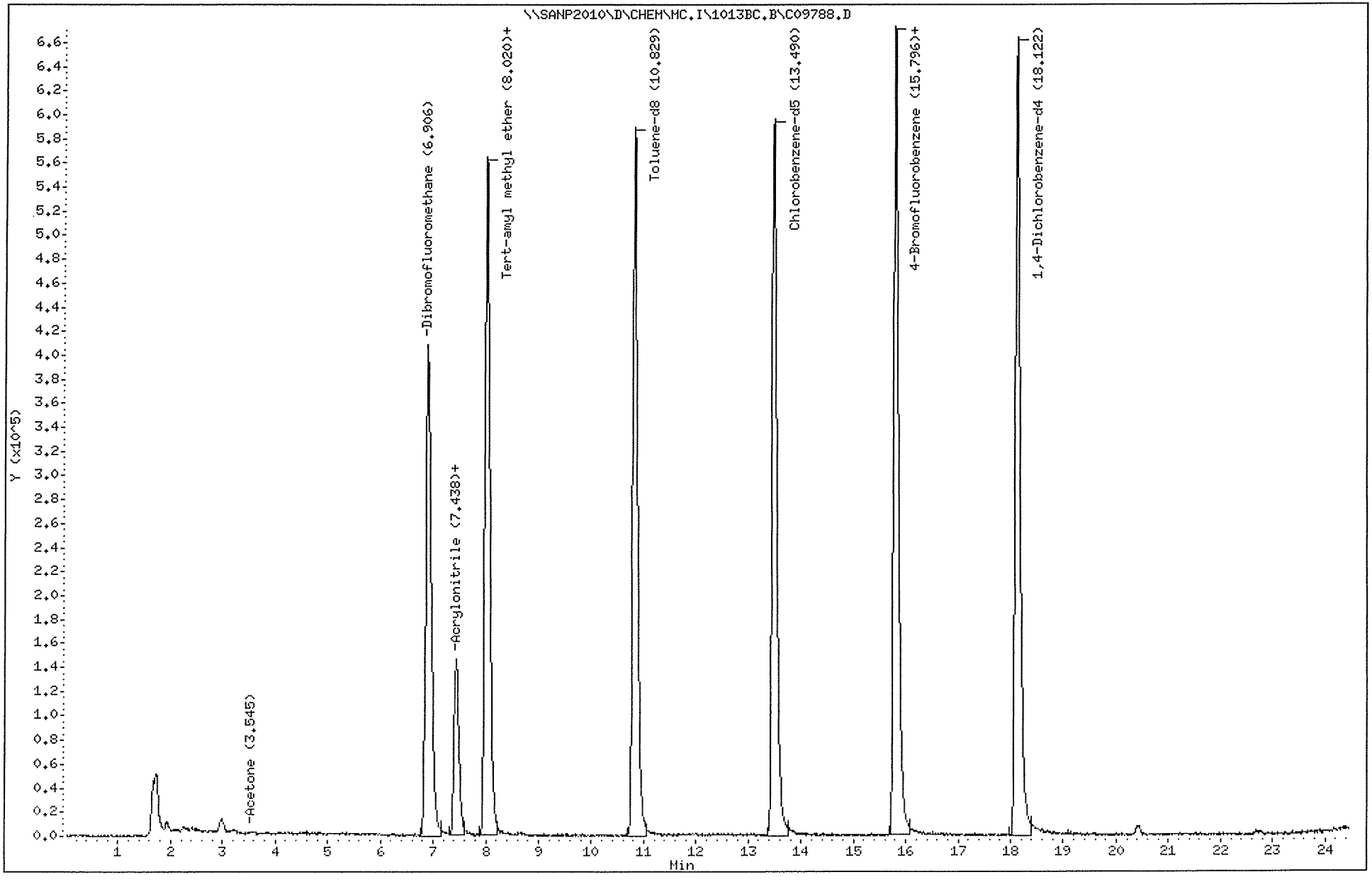
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09788.D
Date : 14-OCT-2000 00:10
Client ID: C09788
Sample Info: DM1A91AA,,1,,0,1,0,8260BCL.M,C09788
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



000448

BOE-C6-0166260

Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09788.D

Date : 14-OCT-2000 00:10

Client ID: C09788

Instrument: mc.i

Sample Info: DM1A91AA,,1,,0,1,0,8260BCL.M,C09788

Purge Volume: 25.0

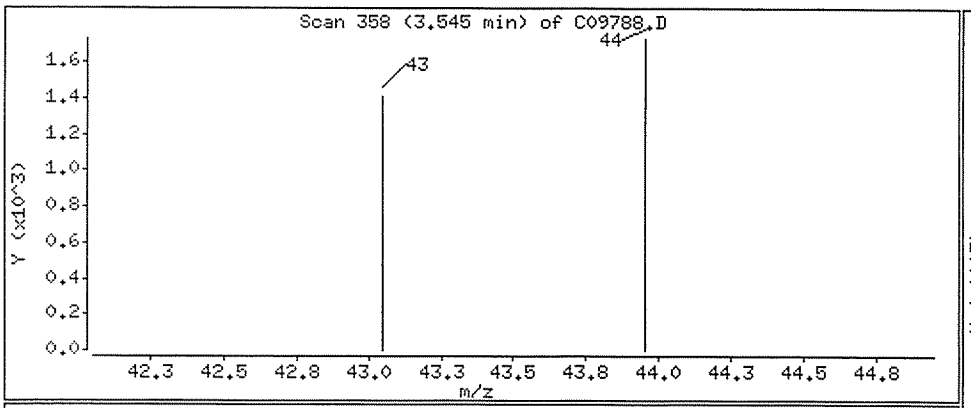
Operator: AD

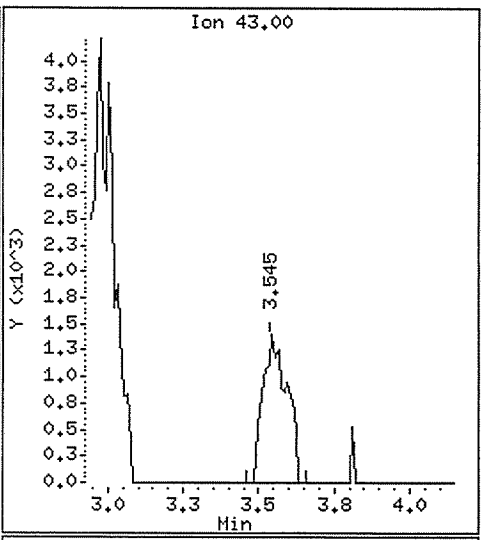
Column phase: J&W DB-624

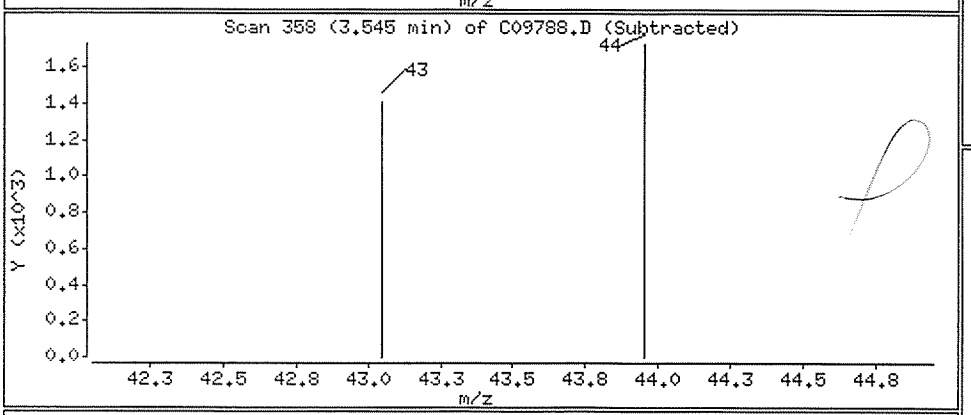
Column diameter: 0.53

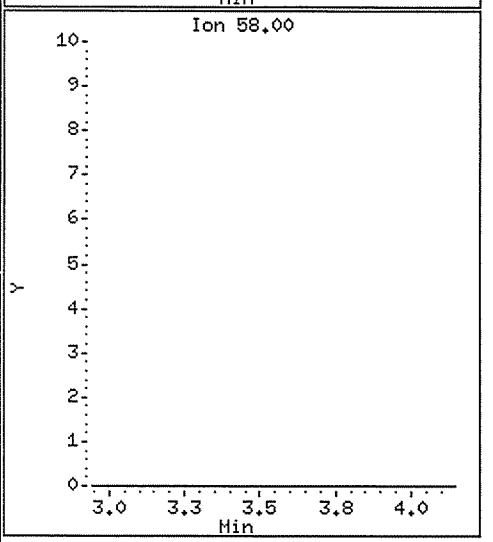
11 Acetone

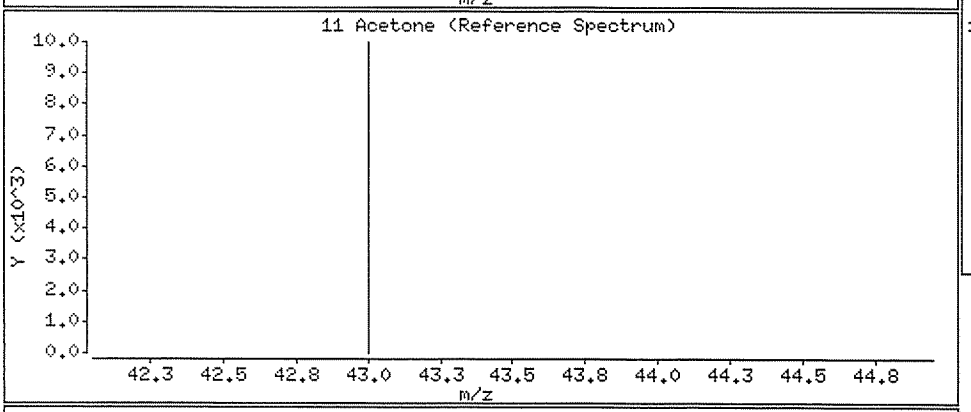
Concentration: 2.34 ug/L

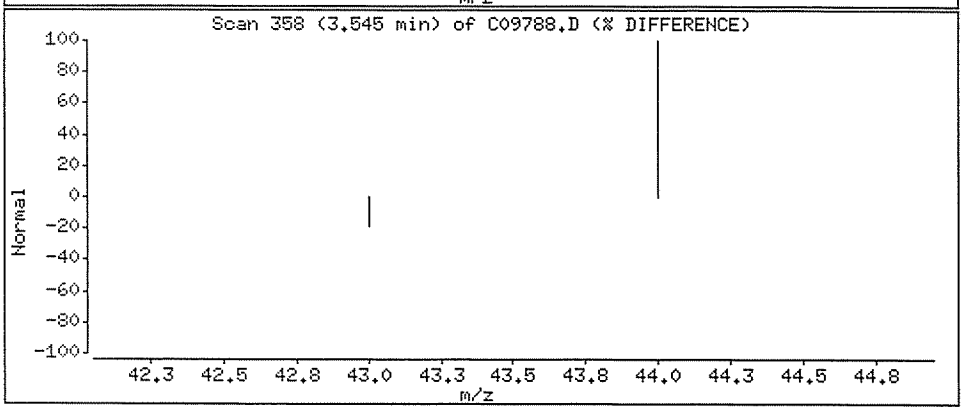












Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09788.D

Date : 14-OCT-2000 00:10

Client ID: C09788

Instrument: mc.i

Sample Info: DM1A91AA,,1,,0,1,0,8260BCL.M,C09788

Purge Volume: 25.0

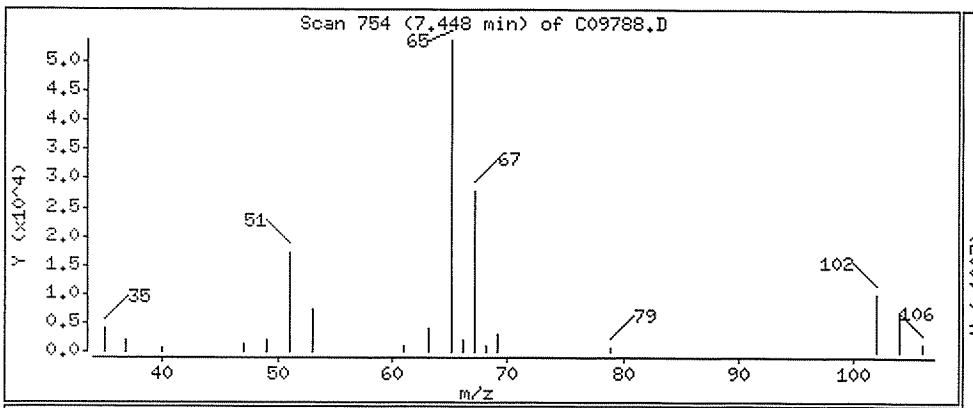
Operator: AD

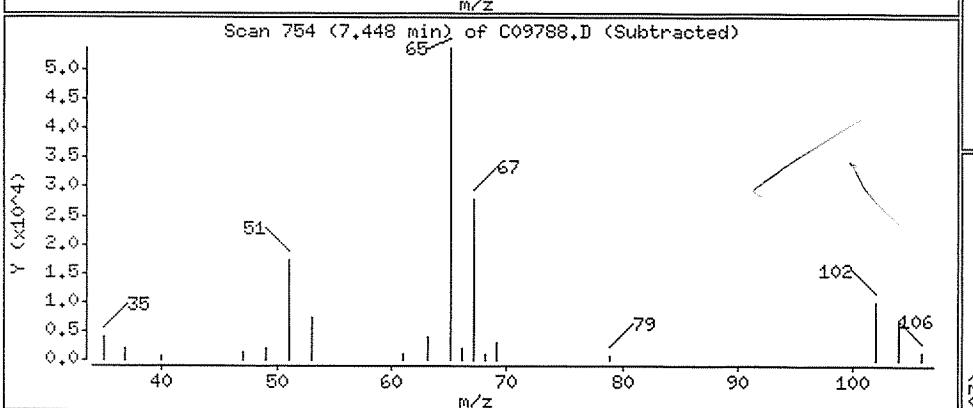
Column phase: J&W DB-624

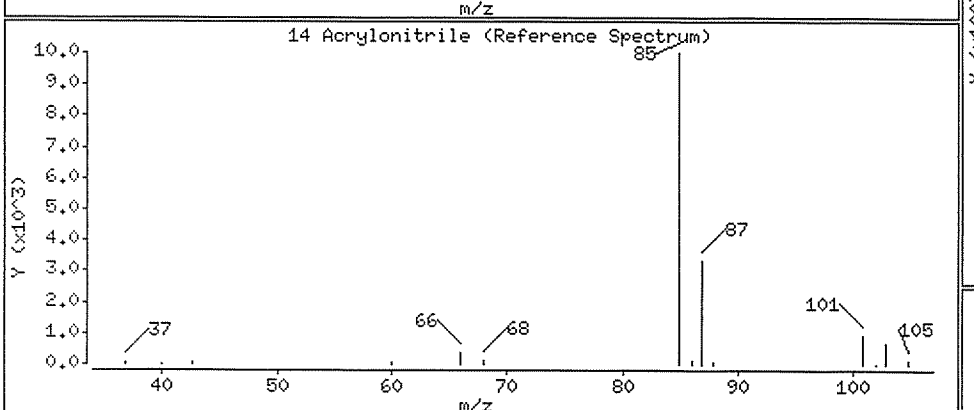
Column diameter: 0.53

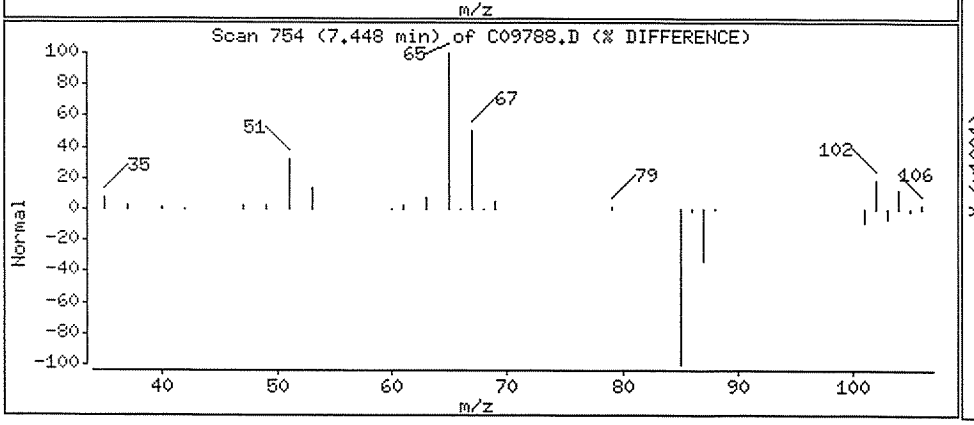
14 Acrylonitrile

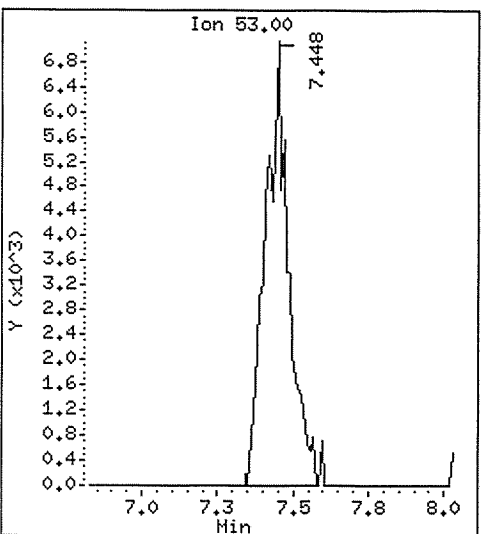
Concentration: 83.37 ug/L

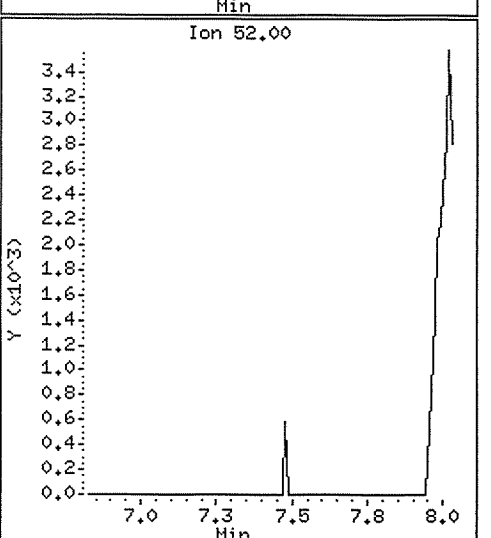


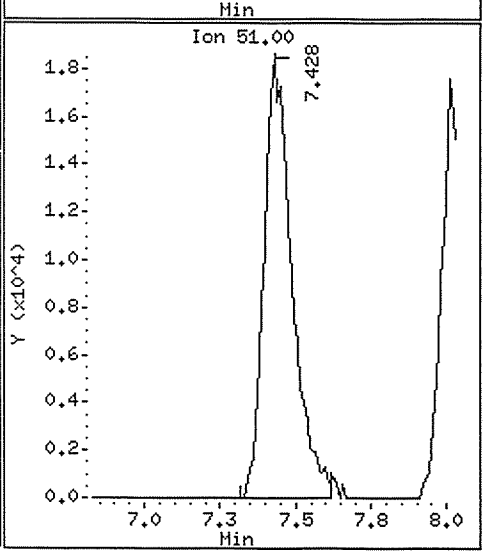












Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09788.D

Date : 14-OCT-2000 00:10

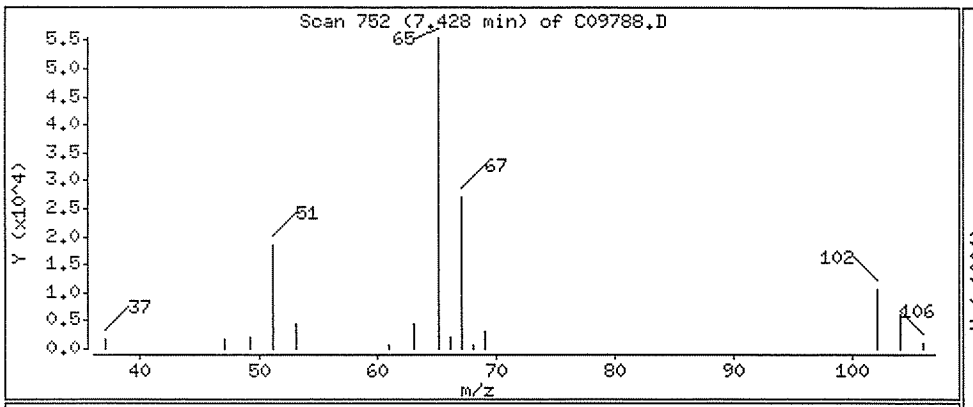
Client ID: C09788 Instrument: mc.i

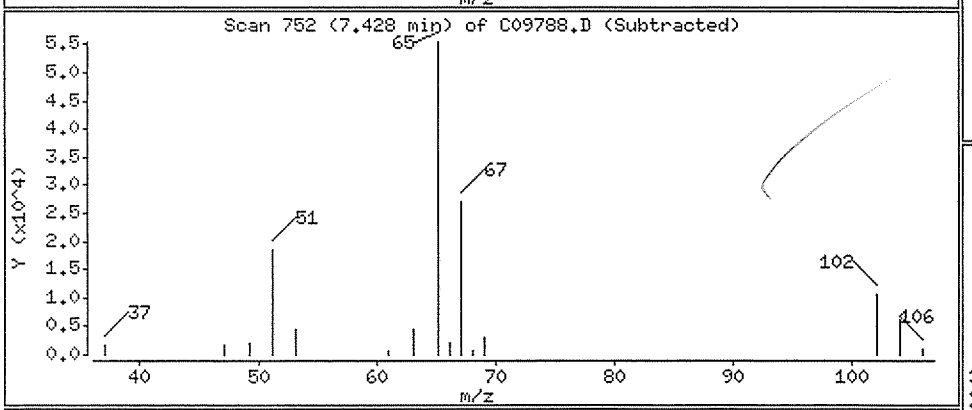
Sample Info: DM1A91AA,,1,,0,1,0,8260BCL.M,C09788

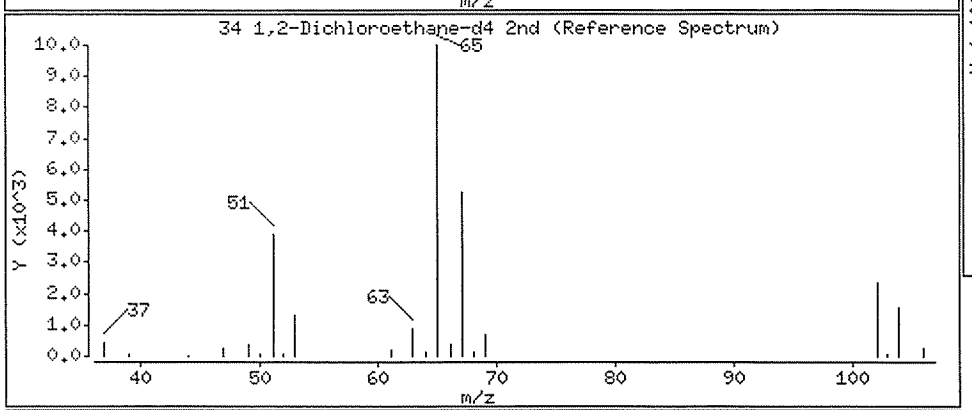
Purge Volume: 25.0 Operator: AD

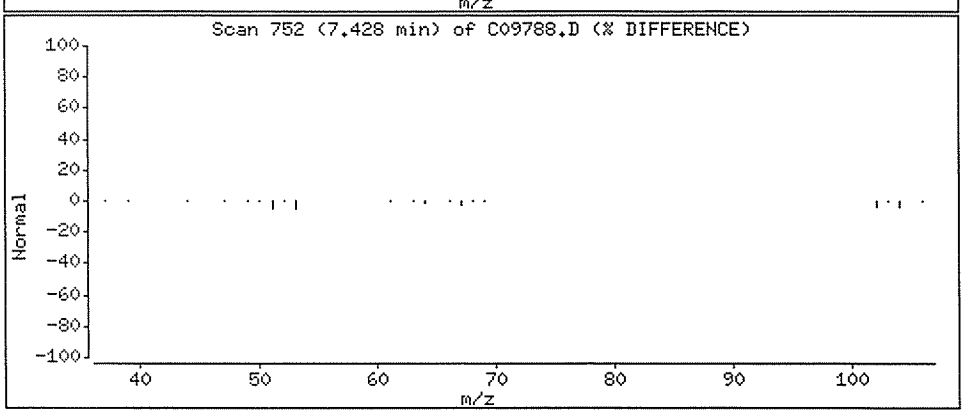
Column phase: J&W DB-624 Column diameter: 0.53

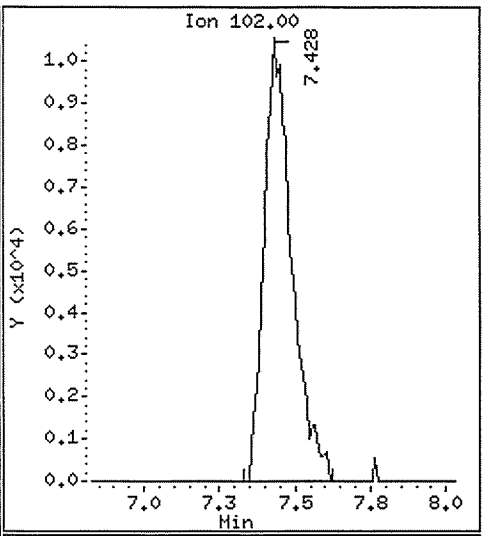
34 1,2-Dichloroethane-d4 2nd Concentration: 9.68 ug/L

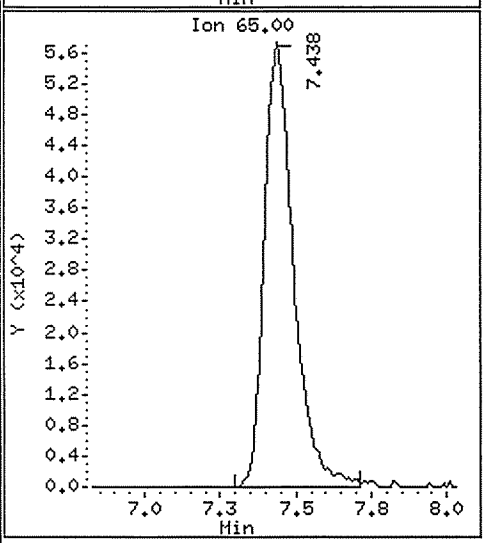












000451

Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09788.D

Date : 14-OCT-2000 00:10

Client ID: C09788

Instrument: mc.i

Sample Info: DM1A91AA,,1,,0,1,0,8260BCL.M,C09788

Purge Volume: 25.0

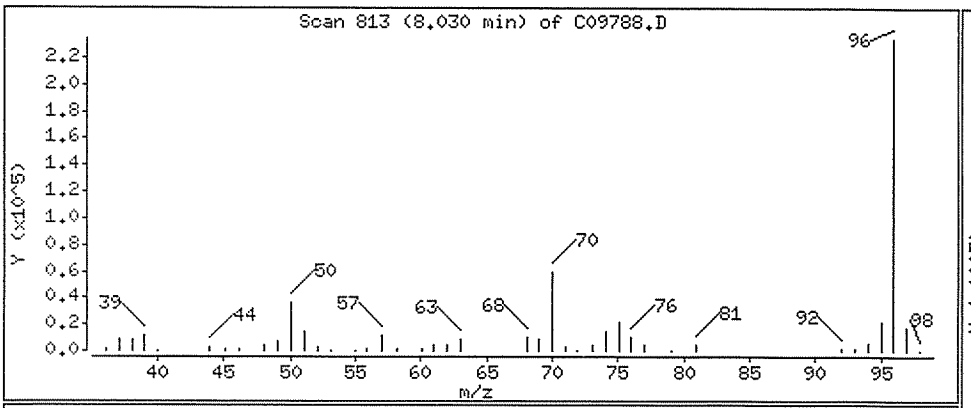
Operator: AD

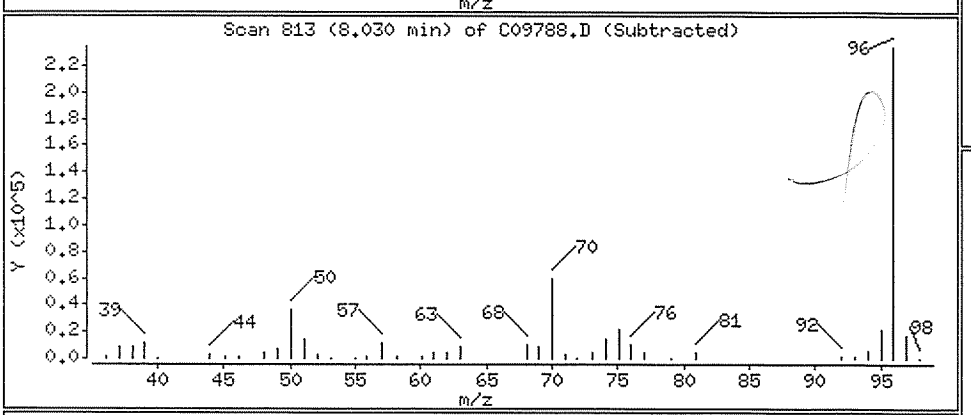
Column phase: J&W DB-624

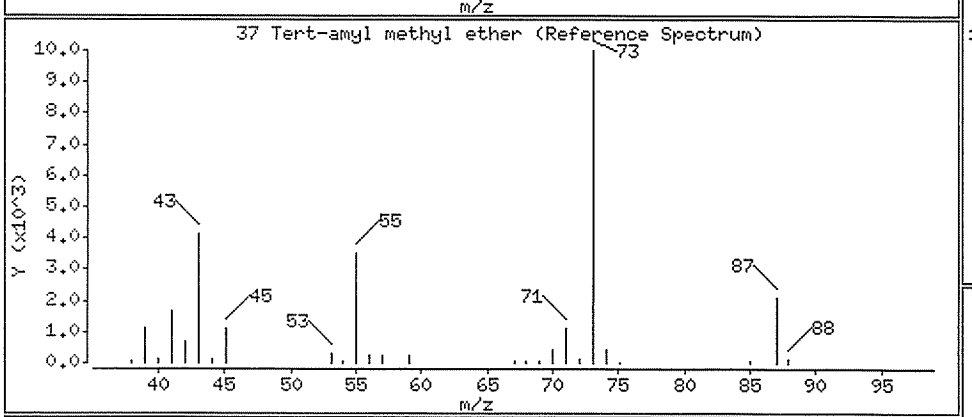
Column diameter: 0.53

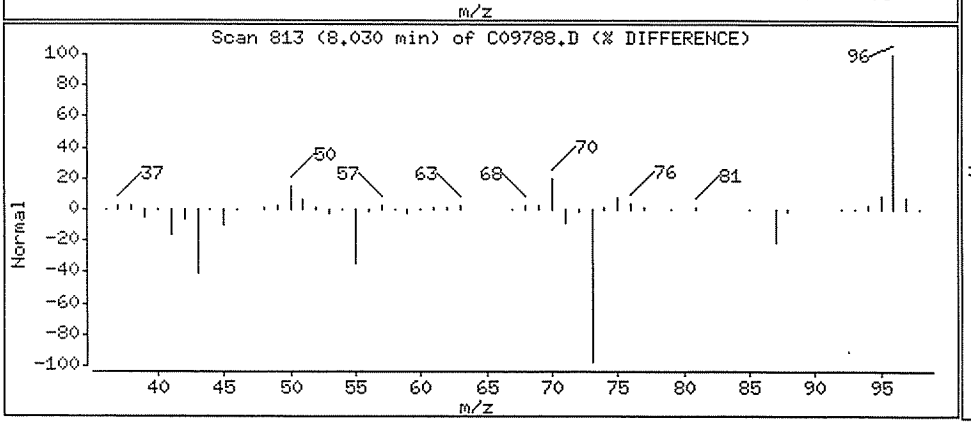
37 Tert-amyl methyl ether

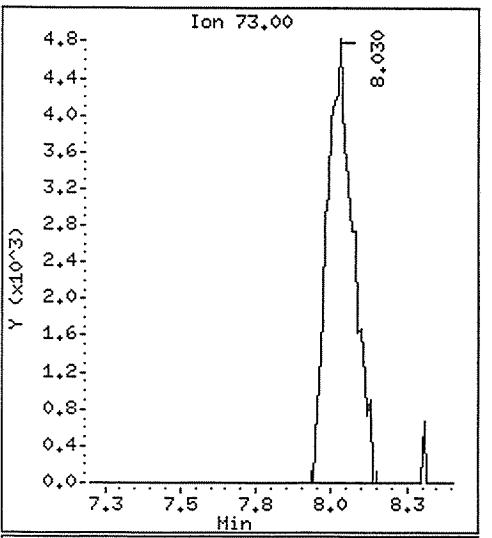
Concentration: 0.453 ug/L

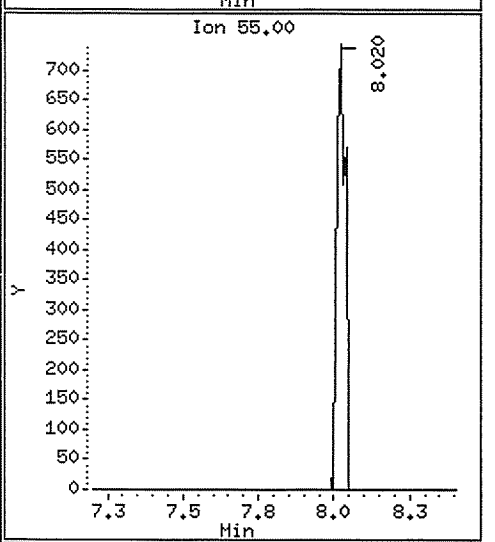


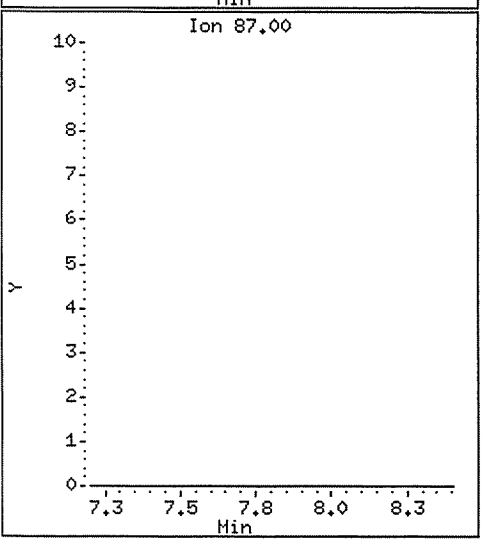












Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09788.D

Date : 14-OCT-2000 00:10

Client ID: C09788

Instrument: mc.i

Sample Info: DM1A91AA,,1,,0,1,0,8260BCL.M,C09788

Purge Volume: 25.0

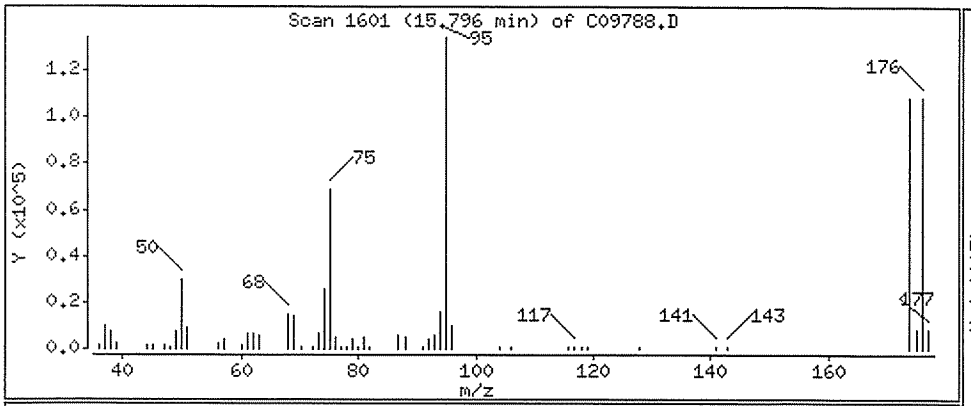
Operator: AD

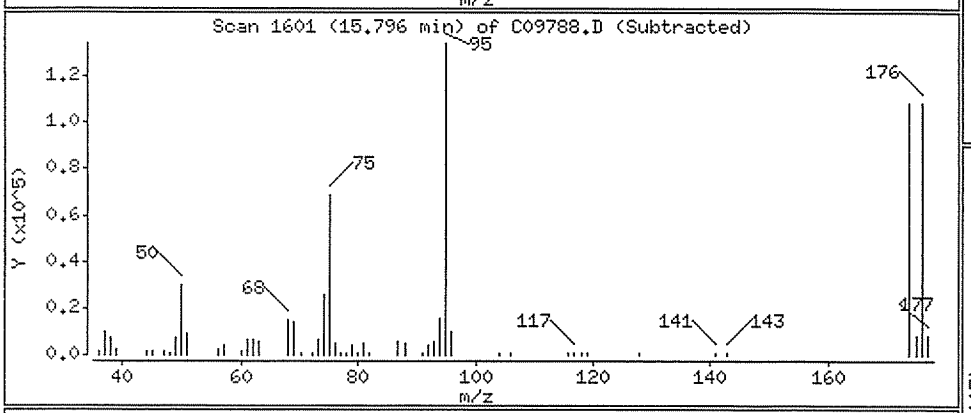
Column phase: J&W DB-624

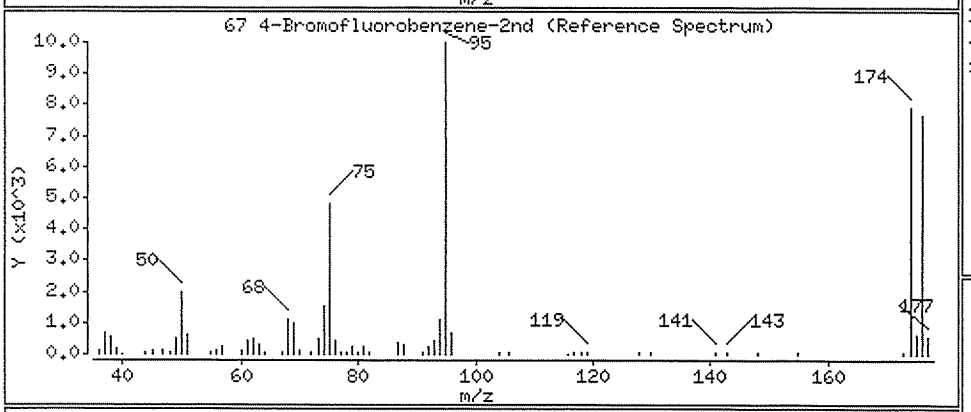
Column diameter: 0.53

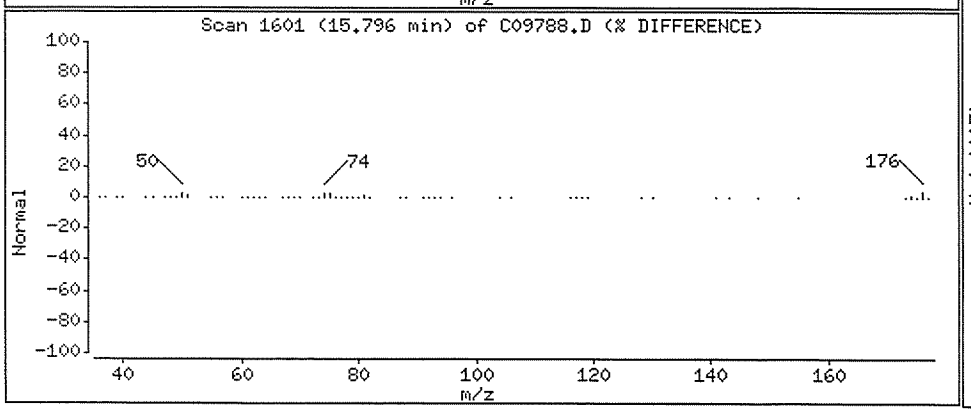
67 4-Bromofluorobenzene-2nd

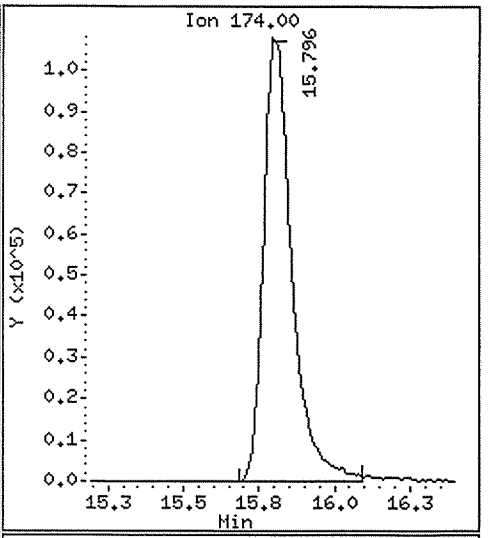
Concentration: 10.17 ug/L

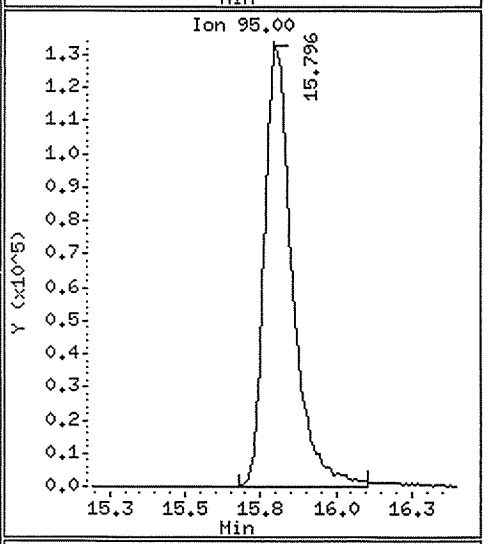


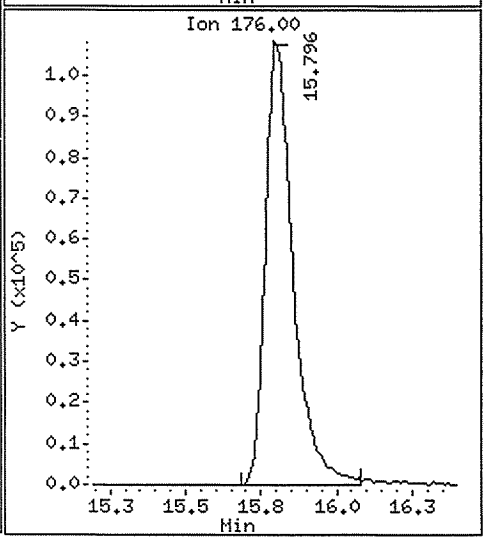












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1013BC.B\C09789.D
Lab Smp Id: DM1CC1AA Client Smp ID: C09789
Inj Date : 14-OCT-2000 00:40
Operator : AD Inst ID: mc.i
Smp Info : DM1CC1AA,,1,,0,1,0,8260BCL.M,C09789
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

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)
14 Acrylonitrile	53	7.443	7.428	(0.926)	26888	68.4405	68.44(Q)
$ 29 Dibromofluoromethane	111	6.901	6.886	(0.859)	653163	9.01904	9.02
$ 33 1,2-Dichloroethane-d4	65	7.433	7.428	(0.925)	274277	8.09672	8.10
34 1,2-Dichloroethane-d4 2nd	102	7.423	7.428	(0.924)	48148	8.06145	8.06
37 Tert-amyl methyl ether	73	8.044	7.803	(1.001)	25159	0.45990	0.460(a)
* 38 Fluorobenzene	96	8.034	8.020	(1.000)	1356572	10.0000	
$ 47 Toluene-d8	98	10.823	10.828	(0.802)	1040140	10.5477	10.55
* 56 Chlorobenzene-d5	117	13.494	13.489	(1.000)	907950	10.0000	
$ 66 4-Bromofluorobenzene	95	15.800	15.796	(1.171)	647936	9.87330	9.87
67 4-Bromofluorobenzene-2nd	174	15.810	15.796	(1.172)	537968	9.68074	9.68
* 79 1,4-Dichlorobenzene-d4	152	18.117	18.112	(1.000)	522396	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09789.D
Lab Smp Id: DM1CC1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30
Client Smp ID: C09789
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1356572	-15.82
56 Chlorobenzene-d5	1203388	601694	2406776	907950	-24.55
79 1,4-Dichlorobenze	758273	379137	1516546	522396	-31.11

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.03	0.18
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.04
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	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.

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

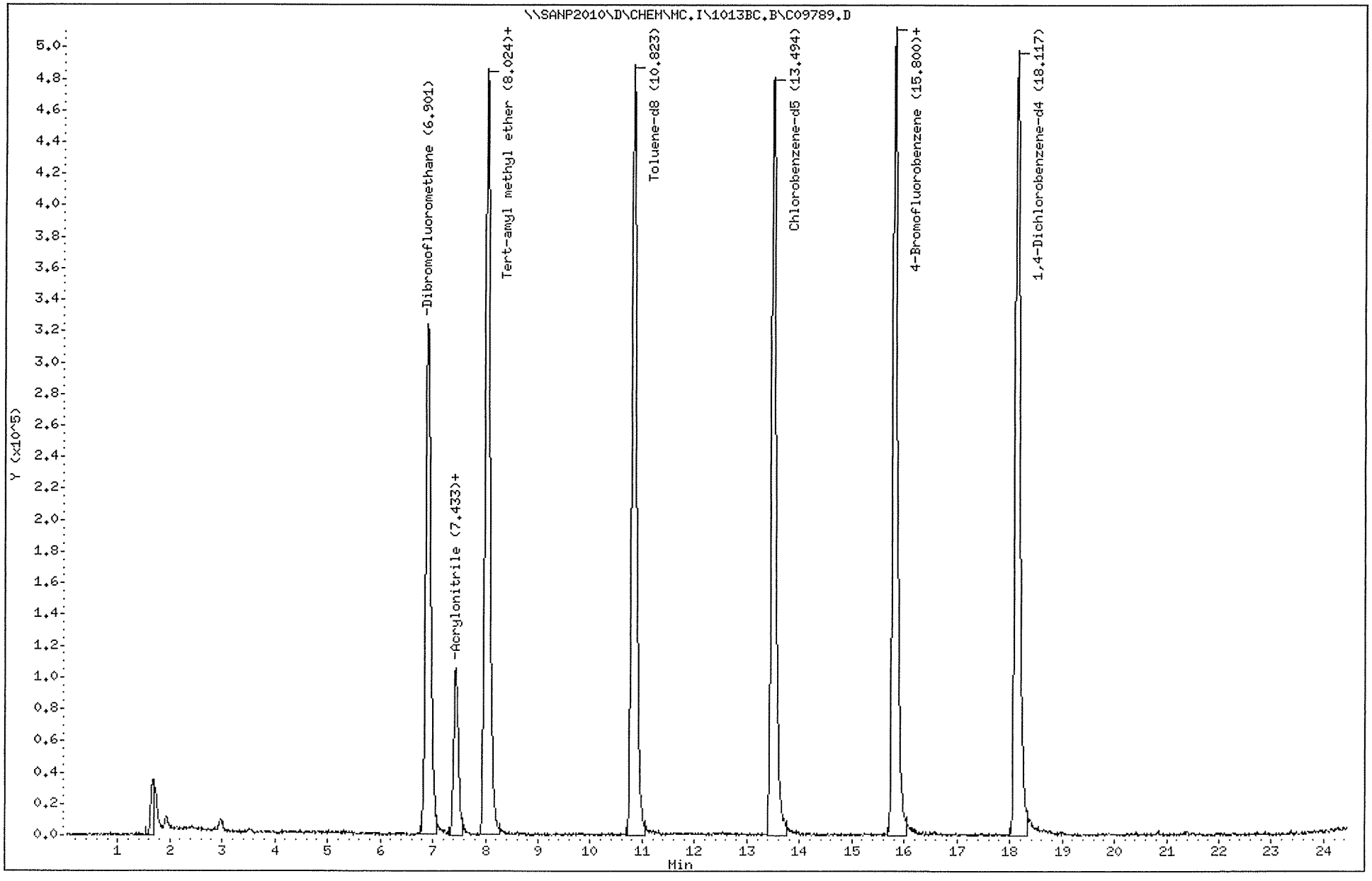
Data file : \\SANP2010\D\CHEM\MC.I\1013BC.B\C09789.D
Lab Smp Id: DM1CC1AA Client Smp ID: C09789
Inj Date : 14-OCT-2000 00:40
Operator : AD Inst ID: mc.i
Smp Info : DM1CC1AA,,1,,0,1,0,8260BCL.M,C09789
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09789.D
Date : 14-OCT-2000 00:40
Client ID: C09789
Sample Info: DM1CC1AA,,1,,0,1,0,8260BCL.M,C09789
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i

Operator: AD
Column diameter: 0.53



000458

BOE-C6-0166270

Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09789.D

Date : 14-OCT-2000 00:40

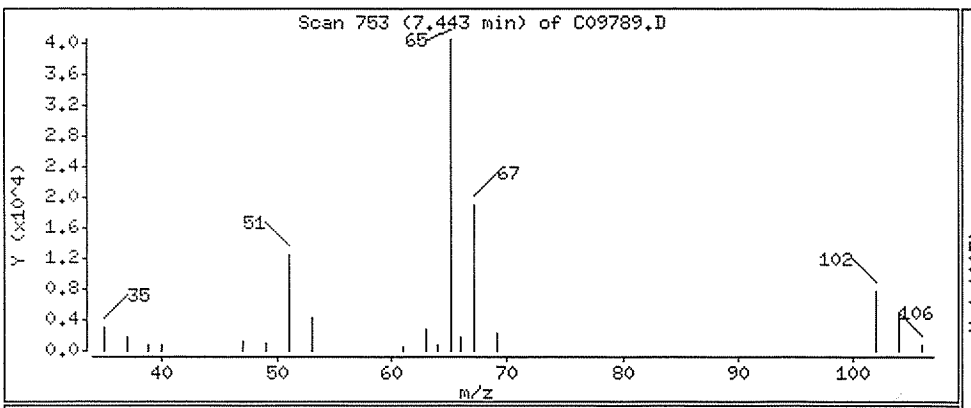
Client ID: C09789 Instrument: mc.i

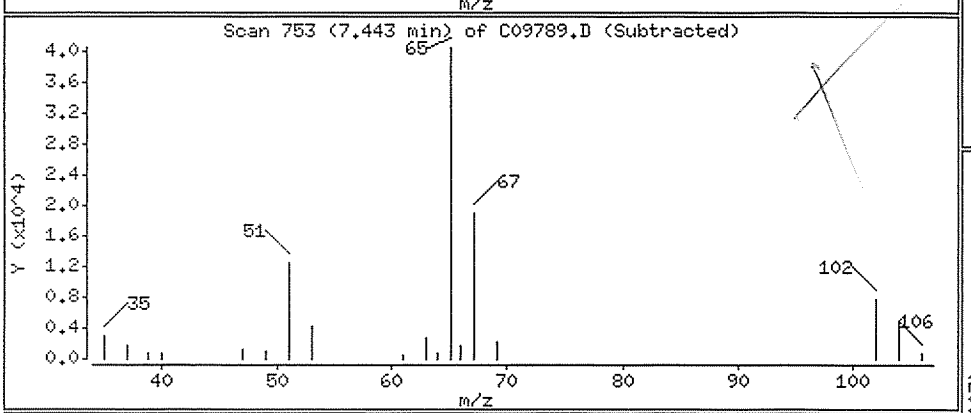
Sample Info: DM1CC1AA,,1,,0,1,0,8260BCL.M,C09789

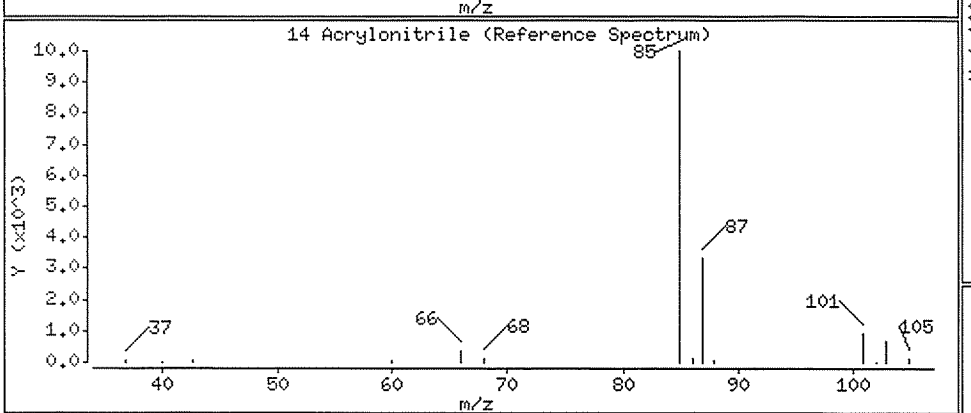
Purge Volume: 25.0 Operator: AD

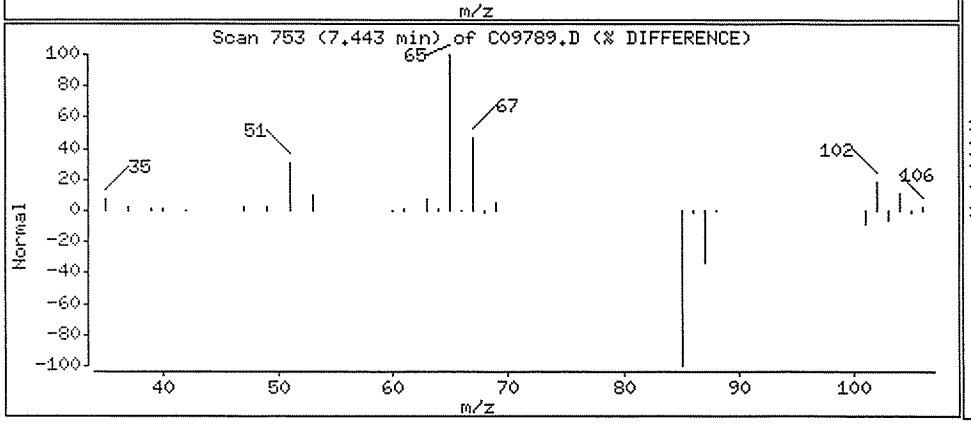
Column phase: J&W DB-624 Column diameter: 0.53

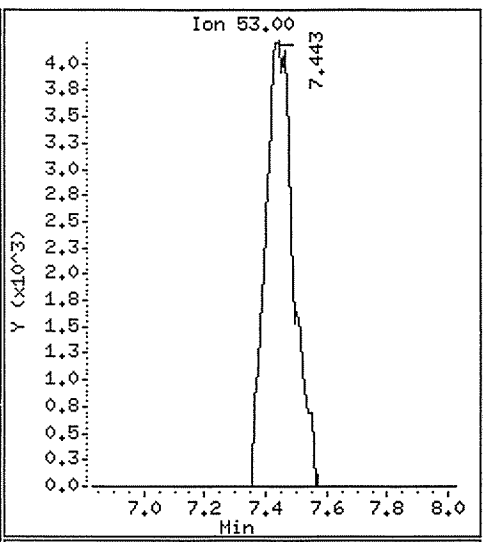
14 Acrylonitrile Concentration: 68.44 ug/L

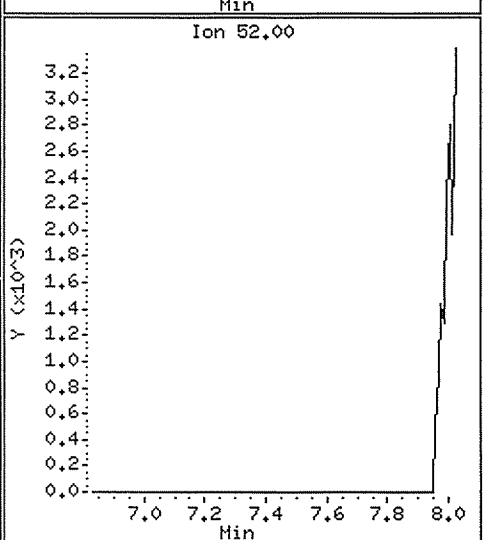


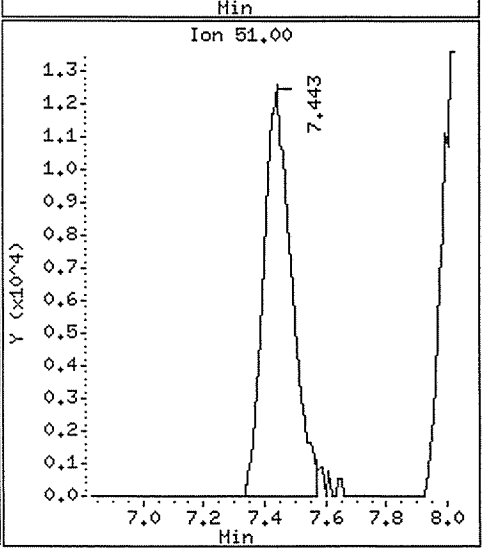












Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09789.D

Date : 14-OCT-2000 00:40

Client ID: C09789

Instrument: mc.i

Sample Info: DM1CC1AA,,1,,0,1,0,8260BCL.M,C09789

Purge Volume: 25.0

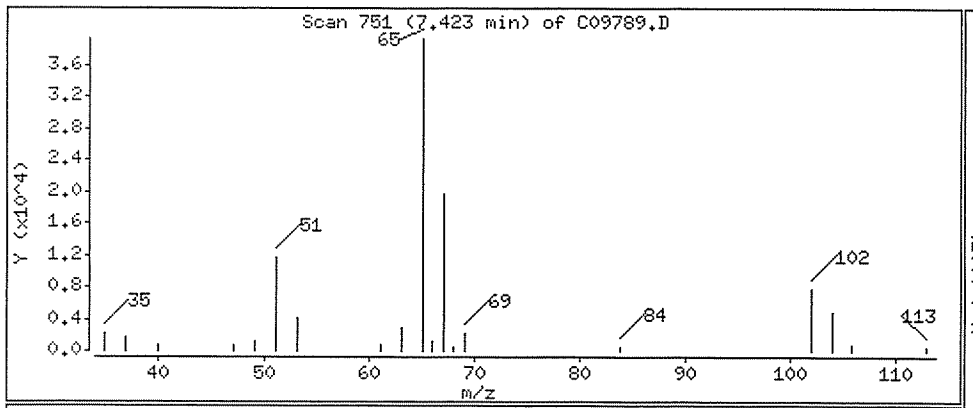
Operator: AD

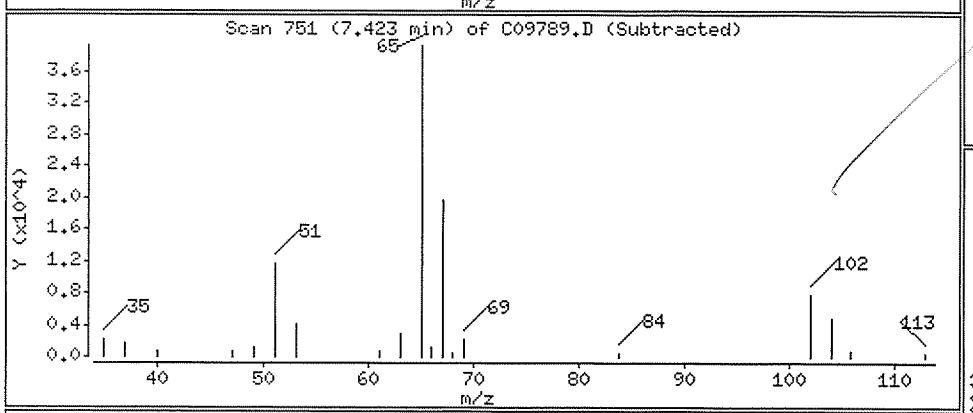
Column phase: J&W DB-624

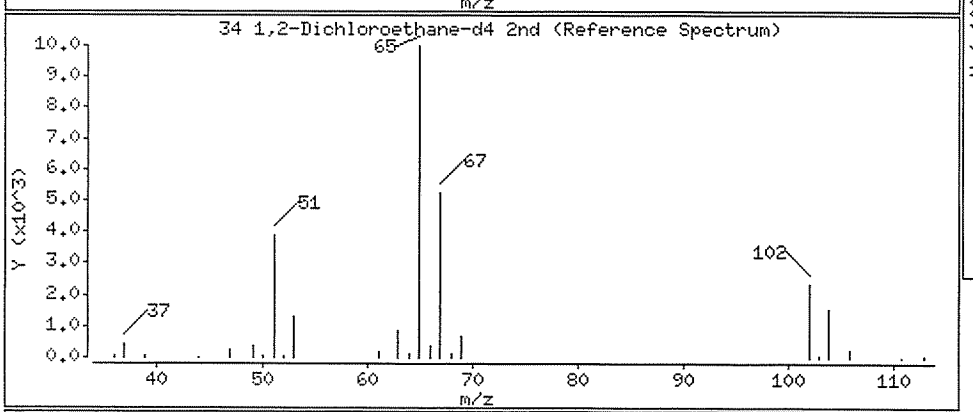
Column diameter: 0.53

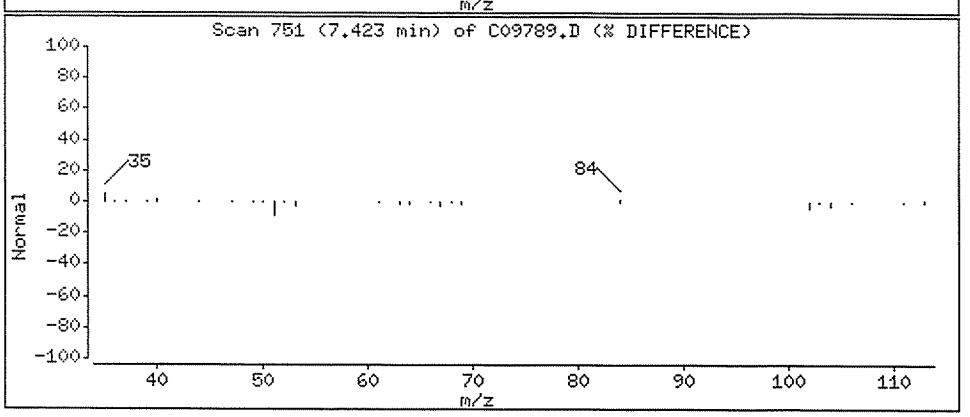
34 1,2-Dichloroethane-d4 2nd

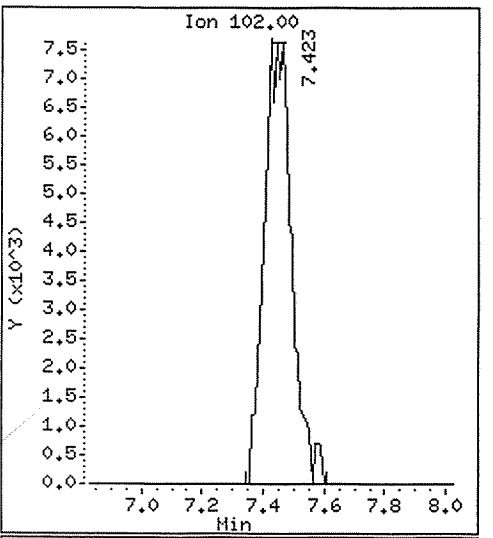
Concentration: 8.06 ug/L

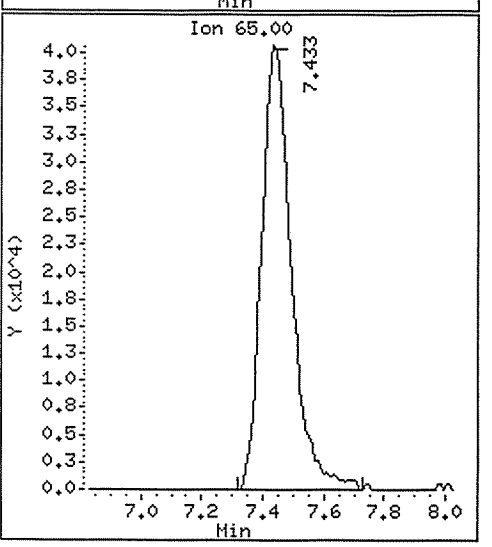












Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09789.D

Date : 14-OCT-2000 00:40

Client ID: C09789

Instrument: mc.i

Sample Info: DM1CC1AA,,1,,0,1,0,8260BCL.M,C09789

Purge Volume: 25.0

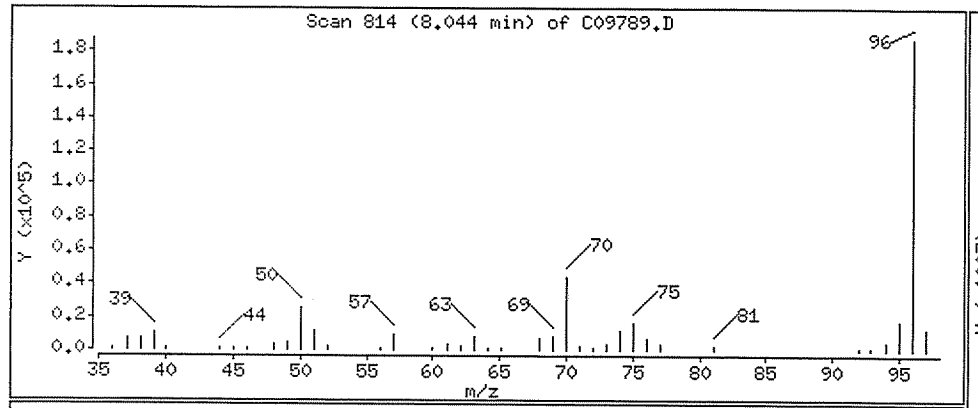
Operator: AD

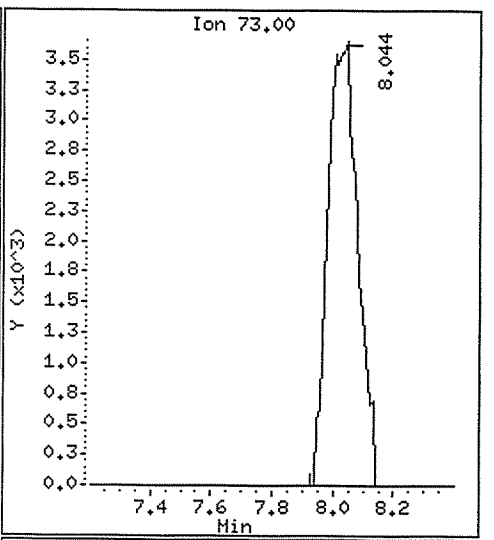
Column phase: J&W DB-624

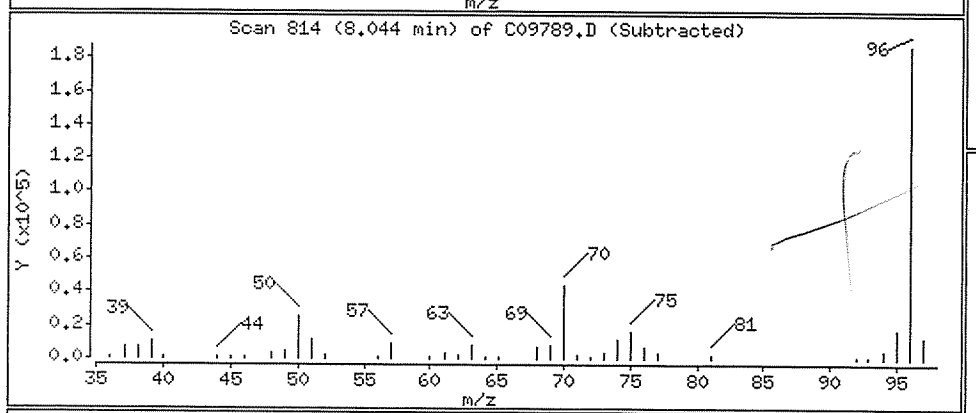
Column diameter: 0.53

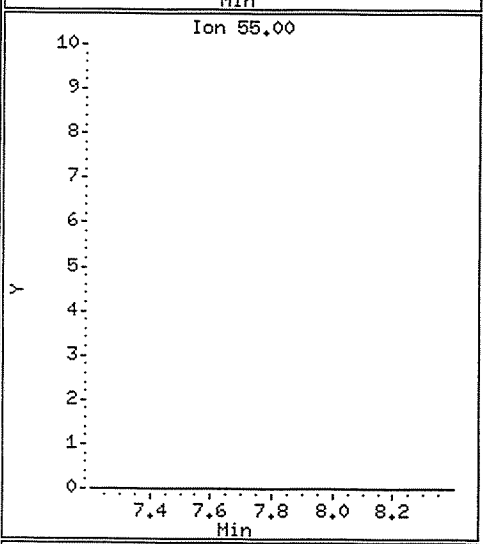
37 Tert-amyl methyl ether

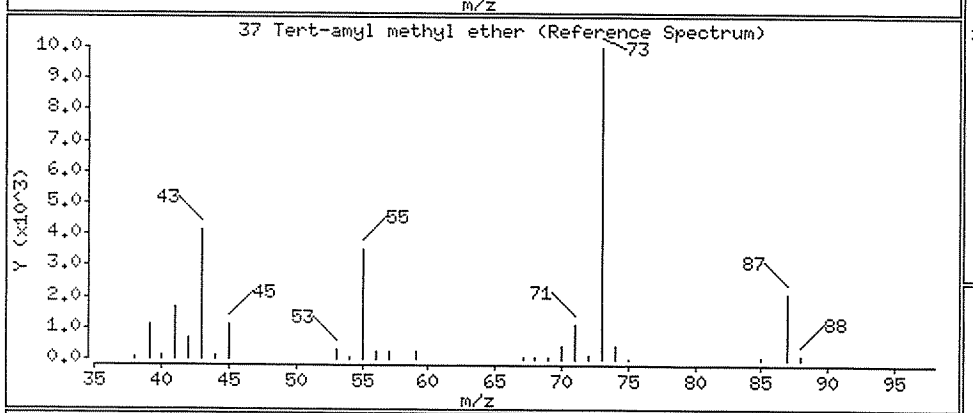
Concentration: 0.460 ug/L

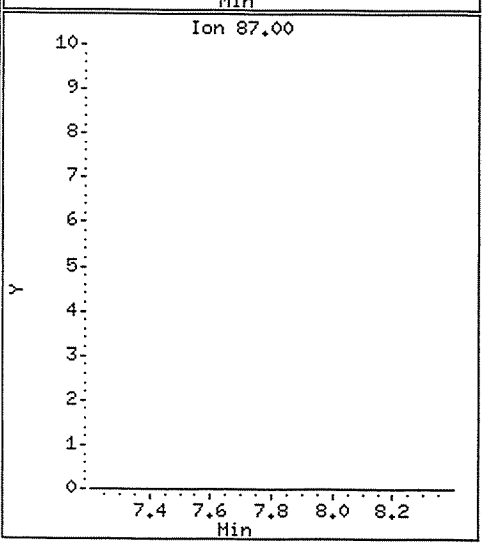


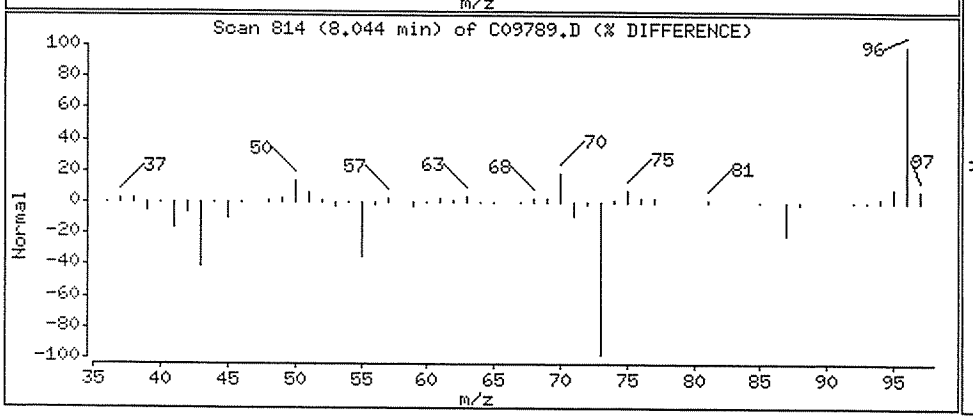












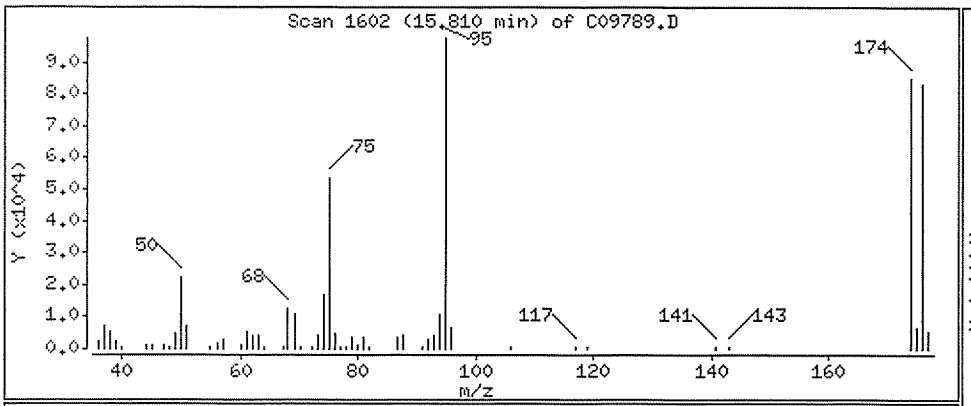
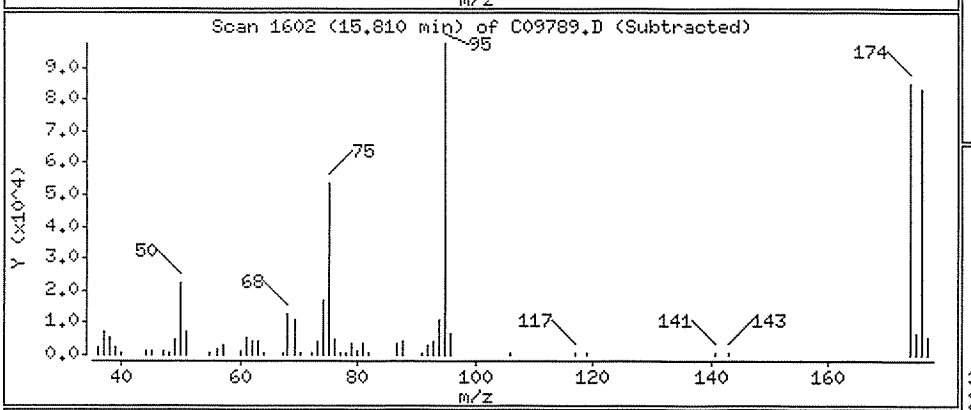
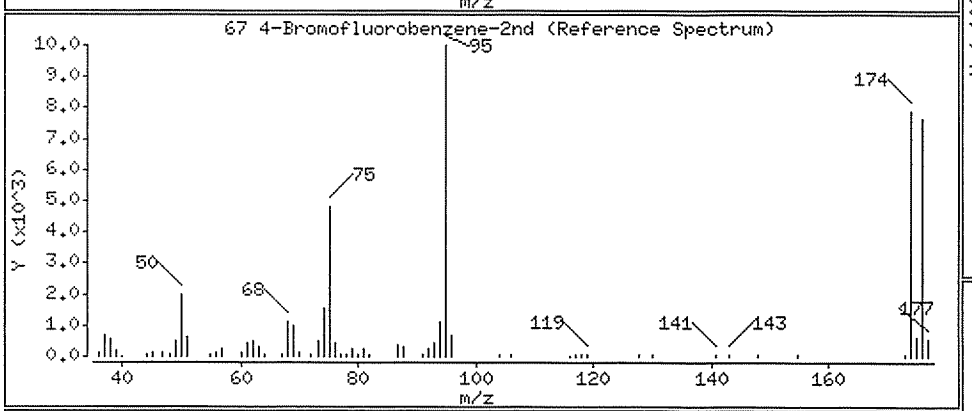
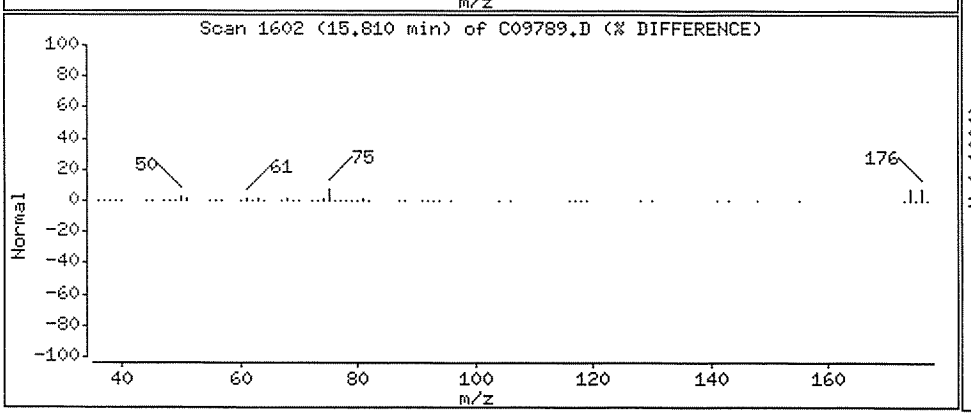
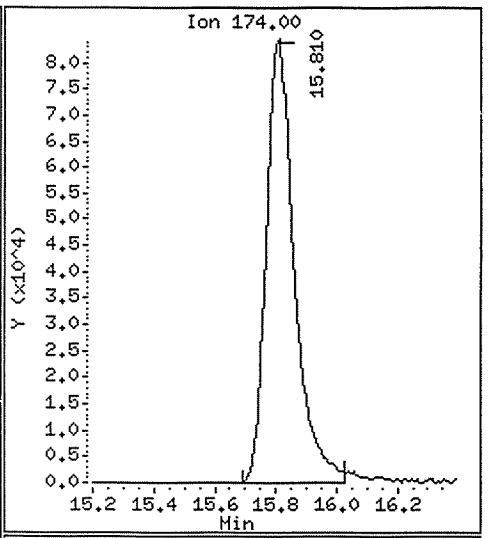
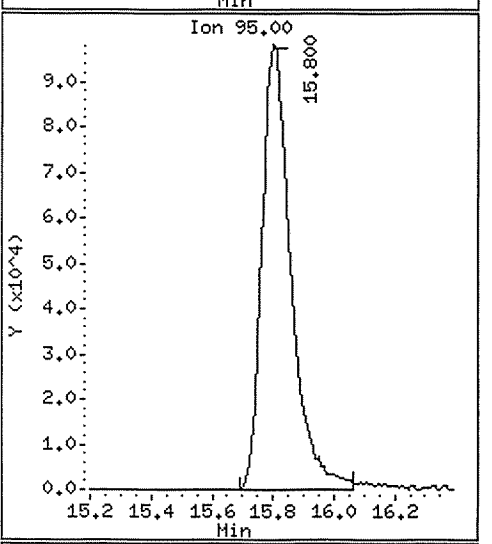
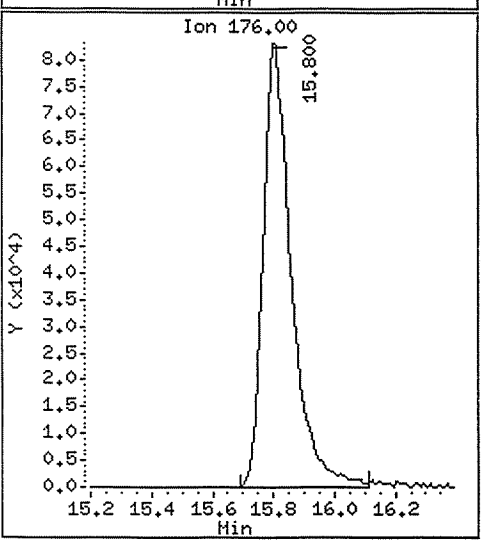
Data File: \\SANP2010\D\CHEM\MC.I\1013BC.B\C09789.D

Date : 14-OCT-2000 00:40

Client ID: C09789 Instrument: mc.i

Sample Info: DM1CC1AA,,1,,0,1,0,8260BCL.M,C09789

Purge Volume: 25.0 Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

67 4-Bromofluorobenzene-2nd Concentration: 9.68 ug/L