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

May 31, 2001

STL LOT NUMBER: **E1E220302**
NELAC Certification Number: 01118CA
PO/CONTRACT: 05160-SEV002-00-S56

Bob Logan
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 10
Irvine, CA 92612

Dear Mr. Logan,

This report contains the analytical results for the 24 samples received under chain of custody by Severn Trent Laboratories (STL Los Angeles) on May 22, 2001. These samples are associated with your BRC former C-6 Torrance Harbor Gateway project.

The Trip Blank could not be analyzed for TEPH due to insufficient sample volume. All applicable quality control procedures met method-specified acceptance criteria. See Project Receipt Checklist for container temperature and conditions. Temperature reading between 2 to 6 degrees Celsius is considered within acceptable criteria. Any matrix related anomaly is footnoted within the report.

STL Los Angeles certifies that the tests performed in our facility meet all the requirements of NELAC. 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 extension 309.

Sincerely,

Diane Suzuki
Project Manager

cc: Project File

This report contains 000166 pages.

STL Los Angeles is a part of Severn Trent Laboratories, Inc.

No. 203102

SEVERN TRENT LABORATORIES

Committed To *Your* Success

CHAIN OF CUSTODY RECORD

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

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST: VOCs 8260	TPH 8015							REMARKS/PRECAUTIONS
	1-3-10	5/22/01	8:00	Soil	BS	ICE	1	X	X							
	-20		8:15													
	-25		8:25													
	-30		8:30													
	-40		8:45													
	-50		8:50													
	-60		9:00													
	PD-28-10		10:30													
	-20		10:40													
	-25	5/22/01	10:45	Soil	BS	ICE	1	X	X							

SAMPLER: 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:	5/22/01	SIGNATURE:	5-22-01	SIGNATURE:	
PRINTED NAME/COMPANY:	TIME 9:00	PRINTED NAME/COMPANY: SL	TIME 16:55	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	5-22-01	SIGNATURE:	5/22/01	SIGNATURE:	
PRINTED NAME/COMPANY: SL	TIME 16:00	PRINTED NAME/COMPANY: STL-LA	TIME 16:55	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

000002

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

[redacted]

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client: Kennedy Jenks	Project Manager: Jay Knight / Bob Logan	Date:	Chain of Custody Number: 051779
Address: 2151 Michelson Dr. Ste 100	Telephone Number (Area Code)/Fax Number: 949-261-1577	Lab Number:	Page ____ of ____
City: Irvine; State: CA; Zip Code:	Site Contact:	Lab Contact:	
Project Name and Location (State): Boeing G6	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNOS	HCl	NaOH	ZnAc/NaOH	Bag	Analysis (Attach list if more space is needed): Vol's 8260	TPH 8015	Special Instructions/ Conditions of Receipt
PD-28-30	5/22/01	10:55				X		X						1	X	X	
" -40		11:00													X	X	
" -50		11:15													X	X	
" -60		11:25													X	X	
~~2-33 10~~																	
2-33 -20		2:00															
-25		2:10															
-30		2:15															
-40		2:20															
-50		2:25															
-60		2:35															
TRIP BLANK	5/22/01	3:50		8				5			X			1	X	X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 5-Day

QC Requirements (Specify):

1. Relinquished By	Date 5/22/01	Time 4:00	1. Received By	Date 5-22-01	Time 1600
2. Relinquished By	Date 5-22-01	Time 16:55	2. Received By	Date 5/22/01	Time (17:55) AR
3. Relinquished By	Date	Time	3. Received By	Date	Time 16:55

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

Quanterra Environmental Services

QUA-4124-1

Client: KENNEDY JENKS CONSULTANTS	Project Manager: JAY KNIGHT / BOB LOGAN	Date: 5/18/01	Chain Of Custody Number: 72828
Address: 2151 MICHELSON DR #100	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City: IRVINE; State: CA; Zip Code: 92612	Site Contact	Lab Contact	
Project Name: BOEING C-6	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 004032.01			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOCs	TPH	SVOC PAH	Metals	Special Instructions/ Conditions of Receipt
1-31-1-40	5/18/01	1705			X		X						X	X	X	X	JK RUN SVOC + PAH ON SAMPLE WITH HIGHEST TPH FROM EACH BORING - SEE #052428 FOR OTHER SAMPLES FROM BORING 1-31-1
1-31-1-50	"	1713			X		X						X	X	X	X	
1-31-1-60	"	1724			X		X						X	X	X	X	

000004

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5-DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/18/01	1835	1. Received By	5-22-01	1555
2. Relinquished By	5-22-01	1755 HR	2. Received By	5/22/01	16:55 HR
3. Relinquished By		16:55	3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

BOE-C6-0124551

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 05-22-2001

Quantims Lot #: E1E220302

Quote #: 38629

Client Name: Kennedy Jenks

Project: —

Received by: A Racolta

Date/Time Received: 05/22 1755

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

Initial / Date

Custody Seal Status: ☐Intact ☐Broken ☒None ..... RS 05/22

Custody Seal #(s): ☒No Seal # .....

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

Temperature(s) (COOLER/BLANK) in °C: 6°C (CORRECTED TEMP).....

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

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

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

Labeled by .....

Labeling checked by .....

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

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

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

N/A

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

Fraction	1-20	21	22-24								PH
VOAh /*		1									N/A
Dblcore	1		1								

h:HCl na:Sodium Hydroxide zna: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: 05/22

REVIEWED BY/DATE: [illegible] 5-23-01

QANACA8TWC/Product/Sample Control Forms

FRC Ver. 5 030200 KRF

RS

000005

BOE-C6-0124552

EXECUTIVE SUMMARY - Detection Highlights

E1E220302

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1_3_10 05/22/01 08:00 001				
1,1-Dichloroethene	13	5.0	ug/kg	SW846 8260B
Trichloroethene	12	5.0	ug/kg	SW846 8260B
1_3_20 05/22/01 08:15 002				
1,1-Dichloroethene	14	5.0	ug/kg	SW846 8260B
Trichloroethene	15	5.0	ug/kg	SW846 8260B
1_3_25 05/22/01 08:25 003				
1,1-Dichloroethene	220	25	ug/kg	SW846 8260B
Trichloroethene	190	25	ug/kg	SW846 8260B
1_3_30 05/22/01 08:30 004				
1,1-Dichloroethene	78	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	3.7 J	5.0	ug/kg	SW846 8260B
Trichloroethene	97	5.0	ug/kg	SW846 8260B
1_3_40 05/22/01 08:45 005				
1,1-Dichloroethene	17	5.0	ug/kg	SW846 8260B
Trichloroethene	23	5.0	ug/kg	SW846 8260B
1_3_50 05/22/01 08:50 006				
Trichloroethene	6.3	5.0	ug/kg	SW846 8260B
1_3_60 05/22/01 09:00 007				
1,1-Dichloroethene	66	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	6.9	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	2.3 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	21	5.0	ug/kg	SW846 8260B
Trichloroethene	60	5.0	ug/kg	SW846 8260B
PD_28_10 05/22/01 10:30 008				
1,1-Dichloroethene	14	5.0	ug/kg	SW846 8260B
Trichloroethene	21	5.0	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1E220302

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PD_28_20 05/22/01 10:40 009				
1,1-Dichloroethene	15	5.0	ug/kg	SW846 8260B
Trichloroethene	17	5.0	ug/kg	SW846 8260B
PD_28_25 05/22/01 10:45 010				
1,1-Dichloroethene	90	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	8.6	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	11	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	4.3 J	5.0	ug/kg	SW846 8260B
Trichloroethene	97	5.0	ug/kg	SW846 8260B
PD_28_30 05/22/01 10:55 011				
1,1-Dichloroethene	100	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	18	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	21	5.0	ug/kg	SW846 8260B
Chloroform	1.3 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	9.7	5.0	ug/kg	SW846 8260B
Trichloroethene	120	5.0	ug/kg	SW846 8260B
PD_28_40 05/22/01 11:00 012				
1,1-Dichloroethene	78	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	3.0 J	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	41	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	37	5.0	ug/kg	SW846 8260B
Chloroform	2.9 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	27	5.0	ug/kg	SW846 8260B
Trichloroethene	190	5.0	ug/kg	SW846 8260B
PD_28_50 05/22/01 11:15 013				
1,1-Dichloroethene	59	5.0	ug/kg	SW846 8260B
Methylene chloride	15	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	3.2 J	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	41	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	25	5.0	ug/kg	SW846 8260B
Chloroform	3.1 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	75	5.0	ug/kg	SW846 8260B
Trichloroethene	110	5.0	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1E220302

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PD_28_60 05/22/01 11:25 014				
1,1-Dichloroethene	84	5.0	ug/kg	SW846 8260B
Methylene chloride	24	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	2.2 J	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	35	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	18	5.0	ug/kg	SW846 8260B
Chloroform	2.3 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	150	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	4.4 J	5.0	ug/kg	SW846 8260B
Trichloroethene	130	5.0	ug/kg	SW846 8260B
2_33_20 05/22/01 14:00 015				
Trichloroethene	51	5.0	ug/kg	SW846 8260B
Tetrachloroethene	4.7 J	5.0	ug/kg	SW846 8260B
2_33_25 05/22/01 14:10 016				
Trichloroethene	39	5.0	ug/kg	SW846 8260B
2_33_30 05/22/01 14:15 017				
Trichloroethene	110	5.0	ug/kg	SW846 8260B
Tetrachloroethene	7.8	5.0	ug/kg	SW846 8260B
2_33_40 05/22/01 14:20 018				
Trichloroethene	5.0	5.0	ug/kg	SW846 8260B
2_33_50 05/22/01 14:25 019				
1,1-Dichloroethene	45	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	4.2 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	8.2	5.0	ug/kg	SW846 8260B
Trichloroethene	60	5.0	ug/kg	SW846 8260B
TRIP BLANK 05/22/01 15:50 021				
Acetone	4.4 J	10	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1E220302

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1_31_1_40 05/18/01 17:05 022				
Aluminum	10700	20.0	mg/kg	SW846 6010B
Arsenic	6.6	1.0	mg/kg	SW846 6010B
Barium	78.9	2.0	mg/kg	SW846 6010B
Beryllium	0.33 B	0.50	mg/kg	SW846 6010B
Cobalt	5.0	5.0	mg/kg	SW846 6010B
Chromium	17.5	1.0	mg/kg	SW846 6010B
Copper	10.4	2.5	mg/kg	SW846 6010B
Molybdenum	0.42 B	4.0	mg/kg	SW846 6010B
Nickel	11.2	4.0	mg/kg	SW846 6010B
Lead	2.9	0.50	mg/kg	SW846 6010B
Vanadium	34.2	5.0	mg/kg	SW846 6010B
Zinc	36.7	2.0	mg/kg	SW846 6010B
1_31_1_50 05/18/01 17:13 023				
Mercury	0.026 B	0.10	mg/kg	SW846 7471A
Aluminum	19200	20.0	mg/kg	SW846 6010B
Arsenic	29.6	1.0	mg/kg	SW846 6010B
Barium	212	2.0	mg/kg	SW846 6010B
Beryllium	0.83	0.50	mg/kg	SW846 6010B
Cobalt	11.5	5.0	mg/kg	SW846 6010B
Chromium	36.7	1.0	mg/kg	SW846 6010B
Copper	37.0	2.5	mg/kg	SW846 6010B
Molybdenum	2.3 B	4.0	mg/kg	SW846 6010B
Nickel	21.7	4.0	mg/kg	SW846 6010B
Lead	10.0	0.50	mg/kg	SW846 6010B
Selenium	0.41 B	0.50	mg/kg	SW846 6010B
Thallium	0.90 B	1.0	mg/kg	SW846 6010B
Vanadium	93.0	5.0	mg/kg	SW846 6010B
Zinc	62.1	2.0	mg/kg	SW846 6010B
1_31_1_60 05/18/01 17:24 024				
Mercury	0.027 B	0.10	mg/kg	SW846 7471A
Aluminum	12400	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B
Barium	60.2	2.0	mg/kg	SW846 6010B
Beryllium	0.43 B	0.50	mg/kg	SW846 6010B
Cobalt	9.1	5.0	mg/kg	SW846 6010B
Chromium	22.0	1.0	mg/kg	SW846 6010B
Copper	23.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.31 B	4.0	mg/kg	SW846 6010B
Nickel	19.6	4.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1E220302

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1_31_1_60 05/18/01 17:24 024				
Lead	4.1	0.50	mg/kg	SW846 6010B
Selenium	0.42 B	0.50	mg/kg	SW846 6010B
Thallium	0.61 B	1.0	mg/kg	SW846 6010B
Vanadium	39.5	5.0	mg/kg	SW846 6010B
Zinc	58.8	2.0	mg/kg	SW846 6010B

METHODS SUMMARY

E1E220302

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

References:

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

SAMPLE SUMMARY

E1E220302

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
EDQ9A	001	1_3_10	05/22/01	08:00
EDQ9C	002	1_3_20	05/22/01	08:15
EDQ9E	003	1_3_25	05/22/01	08:25
EDQ9G	004	1_3_30	05/22/01	08:30
EDQ9H	005	1_3_40	05/22/01	08:45
EDQ9J	006	1_3_50	05/22/01	08:50
EDQ9L	007	1_3_60	05/22/01	09:00
EDQ9N	008	PD_28_10	05/22/01	10:30
EDQ9Q	009	PD_28_20	05/22/01	10:40
EDQ9W	010	PD_28_25	05/22/01	10:45
EDQ9X	011	PD_28_30	05/22/01	10:55
EDQ90	012	PD_28_40	05/22/01	11:00
EDQ91	013	PD_28_50	05/22/01	11:15
EDQ92	014	PD_28_60	05/22/01	11:25
EDQ93	015	2_33_20	05/22/01	14:00
EDQ94	016	2_33_25	05/22/01	14:10
EDQ95	017	2_33_30	05/22/01	14:15
EDQ96	018	2_33_40	05/22/01	14:20
EDQ97	019	2_33_50	05/22/01	14:25
EDQ98	020	2_33_60	05/22/01	14:55
EDQ99	021	TRIP BLANK	05/22/01	15:50
EDRAA	022	1_31_1_40	05/18/01	17:05
EDRAC	023	1_31_1_50	05/18/01	17:13
EDRAD	024	1_31_1_60	05/18/01	17:24

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: 1_3_10

GC Semivolatiles

Lot-Sample #...:	E1E220302-001	**Work Order #...:**	EDQ9A1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	08:09		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	78	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_10

GC Volatiles

Lot-Sample #...:	E1E220302-001	**Work Order #...:**	EDQ9A1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	17:42		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_10

GC/MS Volatiles

Lot-Sample #...: E1E220302-001 **Work Order #...:** EDQ9A1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 08:00 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144238
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144439 **Analysis Time..:** 21:31
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**13**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**12**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_10

GC/MS Volatiles

Lot-Sample #...: E1E220302-001 Work Order #...: EDQ9A1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	121	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_20

GC Semivolatiles

Lot-Sample #...:	E1E220302-002	**Work Order #...:**	EDQ9C1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:15	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	08:48		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	64	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_20

GC Volatiles

Lot-Sample #...:	E1E220302-002	**Work Order #...:**	EDQ9C1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:15	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	18:10		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_20

GC/MS Volatiles

Lot-Sample #...: E1E220302-002
Date Sampled...: 05/22/01 08:15
Prep Date.....: 05/23/01
Prep Batch #...: 1144439
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: EDQ9C1AA
Date Received..: 05/22/01 17:55
Analysis Date..: 05/23/01
Analysis Time..: 22:02

Instrument ID..: MSD
Method.....: SW846 8260B

Matrix.....: SOLID
MS Run #.....: 1144238

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**14**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**15**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_20

GC/MS Volatiles

Lot-Sample #...: E1E220302-002 Work Order #...: EDQ9C1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	107	(60 - 140)
Toluene-d8	122	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_25

GC Semivolatiles

Lot-Sample #...: E1E220302-003
Date Sampled...: 05/22/01 08:25
Prep Date.....: 05/23/01
Prep Batch #...: 1143376
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: EDQ9E1AC
Date Received..: 05/22/01 17:55
Analysis Date..: 05/28/01
Analysis Time..: 09:28

Instrument ID..: G03
Method.....: SW846 8015B

Matrix.....: SOLID
MS Run #.....: 1143185

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	72	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_25

GC Volatiles

Lot-Sample #...:	E1E220302-003	**Work Order #...:**	EDQ9E1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:25	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	18:39		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_25

GC/MS Volatiles

Lot-Sample #...: E1E220302-003 **Work Order #...:** EDQ9E1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 08:25 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 12:04
Dilution Factor: 5
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	50	ug/kg	5.0
Chloromethane	ND	50	ug/kg	15
Vinyl chloride	ND	50	ug/kg	10
Bromomethane	ND	50	ug/kg	10
Chloroethane	ND	50	ug/kg	10
Trichlorofluoromethane	ND	50	ug/kg	10
Acrolein	ND	500	ug/kg	150
1,1-Dichloroethene	**220**	**25**	**ug/kg**	**10**
Iodomethane	ND	50	ug/kg	25
Acetone	ND	120	ug/kg	75
Carbon disulfide	ND	25	ug/kg	10
Methylene chloride	ND	25	ug/kg	15
trans-1,2-Dichloroethene	ND	25	ug/kg	10
Acrylonitrile	ND	250	ug/kg	150
Methyl tert-butyl ether	ND	25	ug/kg	5.0
1,1-Dichloroethane	ND	25	ug/kg	5.0
Vinyl acetate	ND	50	ug/kg	25
2,2-Dichloropropane	ND	25	ug/kg	10
cis-1,2-Dichloroethene	ND	25	ug/kg	10
2-Butanone	ND	120	ug/kg	75
Bromochloromethane	ND	25	ug/kg	5.0
Chloroform	ND	25	ug/kg	5.0
Tetrahydrofuran	ND	100	ug/kg	50
1,1,1-Trichloroethane	ND	25	ug/kg	5.0
1,1-Dichloropropene	ND	25	ug/kg	5.0
Carbon tetrachloride	ND	25	ug/kg	5.0
Benzene	ND	25	ug/kg	10
1,2-Dichloroethane	ND	25	ug/kg	5.0
Trichloroethene	**190**	**25**	**ug/kg**	**10**
1,2-Dichloropropane	ND	25	ug/kg	5.0
Bromodichloromethane	ND	25	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	50	ug/kg	25
cis-1,3-Dichloropropene	ND	25	ug/kg	5.0
4-Methyl-2-pentanone	ND	120	ug/kg	50
Toluene	ND	25	ug/kg	10
trans-1,3-Dichloropropene	ND	25	ug/kg	15
1,1,2-Trichloroethane	ND	25	ug/kg	15

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_25

GC/MS Volatiles

Lot-Sample #...: E1E220302-003 Work Order #...: EDQ9E1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	25	ug/kg	10
2-Hexanone	ND	120	ug/kg	50
Dibromochloromethane	ND	25	ug/kg	25
1,2-Dibromoethane	ND	25	ug/kg	15
Chlorobenzene	ND	25	ug/kg	10
Ethylbenzene	ND	25	ug/kg	10
Xylenes (total)	ND	25	ug/kg	15
Styrene	ND	50	ug/kg	10
Bromoform	ND	25	ug/kg	15
Isopropylbenzene	ND	25	ug/kg	10
p-Isopropyltoluene	ND	25	ug/kg	10
Bromobenzene	ND	25	ug/kg	10
1,1,1,2-Tetrachloroethane	ND	25	ug/kg	15
1,1,2,2-Tetrachloroethane	ND	25	ug/kg	15
1,2,3-Trichloropropane	ND	25	ug/kg	15
n-Propylbenzene	ND	25	ug/kg	10
2-Chlorotoluene	ND	25	ug/kg	10
4-Chlorotoluene	ND	25	ug/kg	10
1,3,5-Trimethylbenzene	ND	25	ug/kg	10
tert-Butylbenzene	ND	25	ug/kg	10
1,2,4-Trimethylbenzene	ND	25	ug/kg	10
sec-Butylbenzene	ND	25	ug/kg	10
1,3-Dichlorobenzene	ND	25	ug/kg	10
1,4-Dichlorobenzene	ND	25	ug/kg	10
1,2-Dichlorobenzene	ND	25	ug/kg	10
n-Butylbenzene	ND	25	ug/kg	10
1,2-Dibromo-3-chloro-propane	ND	50	ug/kg	15
1,2,4-Trichloro-benzene	ND	25	ug/kg	10
Hexachlorobutadiene	ND	25	ug/kg	10
1,2,3-Trichlorobenzene	ND	25	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)
1,2-Dichloroethane-d4	109	(60 - 140)
Toluene-d8	123	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_30

GC Semivolatiles

Lot-Sample #...:	E1E220302-004	**Work Order #...:**	EDQ9G1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:30	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	11:25		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	72	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_30

GC Volatiles

Lot-Sample #...:	E1E220302-004	**Work Order #...:**	EDQ9G1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:30	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	19:08		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_30

GC/MS Volatiles

Lot-Sample #...: E1E220302-004 **Work Order #...:** EDQ9G1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 08:30 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144238
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144439 **Analysis Time..:** 00:03
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**78**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**3.7 J**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**97**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_30

GC/MS Volatiles

Lot-Sample #...: E1E220302-004 **Work Order #...:** EDQ9G1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	109	(60 - 140)
Toluene-d8	121	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_40

GC Semivolatiles

Lot-Sample #...: E1E220302-005 **Work Order #...:** EDQ9H1AC **Matrix.....:** SOLID
Date Sampled...: 05/22/01 08:45 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143185
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 12:04
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_40

GC Volatiles

Lot-Sample #...:	E1E220302-005	**Work Order #...:**	EDQ9H1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:45	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	19:36		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_40

GC/MS Volatiles

Lot-Sample #...: E1E220302-005 **Work Order #...:** EDQ9H1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 08:45 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144238
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144439 **Analysis Time..:** 00:33
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**17**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**23**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_40

GC/MS Volatiles

Lot-Sample #...: E1E220302-005 Work Order #...: EDQ9H1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
Toluene-d8	122	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_50

GC Semivolatiles

Lot-Sample #...:	E1E220302-006	**Work Order #...:**	EDQ9J1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:50	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	14:02		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_50

GC Volatiles

Lot-Sample #...:	E1E220302-006	**Work Order #...:**	EDQ9J1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 08:50	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	20:05		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_50

GC/MS Volatiles

Lot-Sample #...: E1E220302-006 **Work Order #...:** EDQ9J1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 08:50 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 10:34
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**6.3**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_50

GC/MS Volatiles

Lot-Sample #...: E1E220302-006 **Work Order #...:** EDQ9J1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
Toluene-d8	123	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_60

GC Semivolatiles

Lot-Sample #...:	E1E220302-007	**Work Order #...:**	EDQ9L1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 09:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	14:41		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	67	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_60

GC Volatiles

Lot-Sample #...:	E1E220302-007	**Work Order #...:**	EDQ9L1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 09:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	20:33		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_60

GC/MS Volatiles

Lot-Sample #...: E1E220302-007 **Work Order #...:** EDQ9L1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 09:00 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 14:35
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**66**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**6.9**	**5.0**	**ug/kg**	**1.0**
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	**2.3 J**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**21**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**60**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_3_60

GC/MS Volatiles

Lot-Sample #...: E1E220302-007 Work Order #...: EDQ9L1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	111	(60 - 140)
Toluene-d8	121	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_10

GC Semivolatiles

Lot-Sample #...:	E1E220302-008	**Work Order #...:**	EDQ9N1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 10:30	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	15:20		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_10

GC Volatiles

Lot-Sample #...:	E1E220302-008	**Work Order #...:**	EDQ9N1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 10:30	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	21:02		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_10

GC/MS Volatiles

Lot-Sample #...: E1E220302-008 **Work Order #...:** EDQ9N1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 10:30 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 15:05
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**14**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**21**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_10

GC/MS Volatiles

Lot-Sample #...: E1E220302-008 **Work Order #...:** EDQ9N1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	113	(60 - 140)
Toluene-d8	124	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_20

GC Semivolatiles

Lot-Sample #...:	E1E220302-009	**Work Order #...:**	EDQ9Q1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 10:40	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	16:00		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	74	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_20

GC Volatiles

Lot-Sample #...:	E1E220302-009	**Work Order #...:**	EDQ9Q1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 10:40	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	21:30		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_20

GC/MS Volatiles

Lot-Sample #...: E1E220302-009 **Work Order #...:** EDQ9Q1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 10:40 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 15:36
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**15**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**17**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_20

GC/MS Volatiles

Lot-Sample #...: E1E220302-009 **Work Order #...:** EDQ9Q1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	111	(60 - 140)
Toluene-d8	124	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_25

GC Semivolatiles

Lot-Sample #...:	E1E220302-010	**Work Order #...:**	EDQ9W1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 10:45	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	16:39		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_25

GC Volatiles

Lot-Sample #...:	E1E220302-010	**Work Order #...:**	EDQ9W1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 10:45	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	21:59		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_25

GC/MS Volatiles

Lot-Sample #...: E1E220302-010 **Work Order #...:** EDQ9W1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 10:45 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 16:06
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**90**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**8.6**	**5.0**	**ug/kg**	**1.0**
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	**11**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**4.3 J**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**97**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_25

GC/MS Volatiles

Lot-Sample #...: E1E220302-010 **Work Order #...:** EDQ9W1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)
1,2-Dichloroethane-d4	107	(60 - 140)
Toluene-d8	120	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_30

GC Semivolatiles

Lot-Sample #...:	E1E220302-011	**Work Order #...:**	EDQ9X1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 10:55	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	17:18		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	76	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_30

GC Volatiles

Lot-Sample #...:	E1E220302-011	**Work Order #...:**	EDQ9X1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 10:55	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	22:56		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_30

GC/MS Volatiles

Lot-Sample #...: E1E220302-011 **Work Order #...:** EDQ9X1AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 10:55 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 16:36
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**100**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**18**	**5.0**	**ug/kg**	**1.0**
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	**21**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**1.3 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**9.7**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**120**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_30

GC/MS Volatiles

Lot-Sample #...: E1E220302-011 **Work Order #...:** EDQ9X1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	113	(60 - 140)
Toluene-d8	120	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_40

GC Semivolatiles

Lot-Sample #...: E1E220302-012 **Work Order #...:** EDQ901AC **Matrix.....:** SOLID
Date Sampled...: 05/22/01 11:00 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143185
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 19:16
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	66	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_40

GC Volatiles

Lot-Sample #...:	E1E220302-012	**Work Order #...:**	EDQ901AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 11:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144401	**Analysis Time..:**	23:25		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_40

GC/MS Volatiles

Lot-Sample #...: E1E220302-012 **Work Order #...:** EDQ901AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 11:00 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1145135
Prep Date.....: 05/25/01 **Analysis Date..:** 05/25/01
Prep Batch #...: 1145283 **Analysis Time..:** 01:35
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**78**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	**3.0 J**	**5.0**	**ug/kg**	**2.0**
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**41**	**5.0**	**ug/kg**	**1.0**
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	**37**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**2.9 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**27**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**190**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_40

GC/MS Volatiles

Lot-Sample #...: E1E220302-012 **Work Order #...:** EDQ901AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	95	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_50

GC Semivolatiles

Lot-Sample #...: E1E220302-013 **Work Order #...:** EDQ911AC **Matrix.....:** SOLID
Date Sampled...: 05/22/01 11:15 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143185
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 19:55
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_50

GC Volatiles

Lot-Sample #...: E1E220302-013 **Work Order #...:** EDQ911AD **Matrix.....:** SOLID
Date Sampled...: 05/22/01 11:15 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144212
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144401 **Analysis Time..:** 23:53
Dilution Factor: 1
Analyst ID.....: 001464 **Instrument ID..:** G16
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_50

GC/MS Volatiles

Lot-Sample #...: E1E220302-013 **Work Order #...:** EDQ911AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 11:15 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 17:37
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**59**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	**15**	**5.0**	**ug/kg**	**3.0**
trans-1,2-Dichloroethene	**3.2 J**	**5.0**	**ug/kg**	**2.0**
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**41**	**5.0**	**ug/kg**	**1.0**
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	**25**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**3.1 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**75**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**110**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_50

GC/MS Volatiles

Lot-Sample #...: E1E220302-013 **Work Order #...:** EDQ911AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
Toluene-d8	121	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_60

GC Semivolatiles

Lot-Sample #...: E1E220302-014 **Work Order #...:** EDQ921AC **Matrix.....:** SOLID
Date Sampled...: 05/22/01 11:25 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143185
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 20:34
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_60

GC Volatiles

Lot-Sample #...:	E1E220302-014	**Work Order #...:**	EDQ921AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 11:25	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144401	**Analysis Time..:**	00:22		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_60

GC/MS Volatiles

Lot-Sample #...: E1E220302-014 **Work Order #...:** EDQ921AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 11:25 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1145135
Prep Date.....: 05/25/01 **Analysis Date..:** 05/25/01
Prep Batch #...: 1145283 **Analysis Time..:** 03:46
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**84**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	**24**	**5.0**	**ug/kg**	**3.0**
trans-1,2-Dichloroethene	**2.2 J**	**5.0**	**ug/kg**	**2.0**
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**35**	**5.0**	**ug/kg**	**1.0**
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	**18**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**2.3 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**150**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	**4.4 J**	**5.0**	**ug/kg**	**1.0**
Trichloroethene	**130**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_28_60

GC/MS Volatiles

Lot-Sample #...: E1E220302-014 **Work Order #...:** EDQ921AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	96	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_20

GC Semivolatiles

Lot-Sample #...: E1E220302-015 **Work Order #...:** EDQ931AC **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:00 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143185
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 21:13
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	66	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_20

GC Volatiles

Lot-Sample #...:	E1E220302-015	**Work Order #...:**	EDQ931AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 14:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144401	**Analysis Time..:**	00:50		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_20

GC/MS Volatiles

Lot-Sample #...: E1E220302-015 **Work Order #...:** EDQ931AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:00 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 18:38
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**51**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_20

GC/MS Volatiles

Lot-Sample #...: E1E220302-015 **Work Order #...:** EDQ931AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	**4.7 J**	**5.0**	**ug/kg**	**2.0**
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	114	(60 - 140)
Toluene-d8	123	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_25

GC Semivolatiles

Lot-Sample #...:	E1E220302-016	**Work Order #...:**	EDQ941AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 14:10	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	21:52		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	73	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_25

GC Volatiles

Lot-Sample #...:	E1E220302-016	**Work Order #...:**	EDQ941AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 14:10	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144401	**Analysis Time..:**	01:19		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_25

GC/MS Volatiles

Lot-Sample #...: E1E220302-016 **Work Order #...:** EDQ941AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:10 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1145135
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1145283 **Analysis Time..:** 22:51
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**39**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_25

GC/MS Volatiles

Lot-Sample #...: E1E220302-016 **Work Order #...:** EDQ941AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	113	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	98	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_30

GC Semivolatiles

Lot-Sample #...: E1E220302-017 **Work Order #...:** EDQ951AC **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:15 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143185
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 22:31
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	76	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_30

GC Volatiles

Lot-Sample #...: E1E220302-017 **Work Order #...:** EDQ951AD **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:15 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144212
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144401 **Analysis Time..:** 01:47
Dilution Factor: 1
Analyst ID.....: 001464 **Instrument ID..:** G16
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_30

GC/MS Volatiles

Lot-Sample #...: E1E220302-017 **Work Order #...:** EDQ951AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:15 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1145135
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1145283 **Analysis Time..:** 23:24
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**110**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_30

GC/MS Volatiles

Lot-Sample #...: E1E220302-017 **Work Order #...:** EDQ951AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	**7.8**	**5.0**	**ug/kg**	**2.0**
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_40

GC Semivolatiles

Lot-Sample #...:	E1E220302-018	**Work Order #...:**	EDQ961AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 14:20	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	23:10		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_40

GC Volatiles

Lot-Sample #...:	E1E220302-018	**Work Order #...:**	EDQ961AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 14:20	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144401	**Analysis Time..:**	02:16		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_40

GC/MS Volatiles

Lot-Sample #...: E1E220302-018 **Work Order #...:** EDQ961AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:20 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1145135
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1145283 **Analysis Time..:** 23:56
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**5.0**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_40

GC/MS Volatiles

Lot-Sample #...: E1E220302-018 **Work Order #...:** EDQ961AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_50

GC Semivolatiles

Lot-Sample #...: E1E220302-019 **Work Order #...:** EDQ971AC **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:25 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143185
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 23:49
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	73	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_50

GC Volatiles

Lot-Sample #...:	E1E220302-019	**Work Order #...:**	EDQ971AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 14:25	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144401	**Analysis Time..:**	02:44		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_50

GC/MS Volatiles

Lot-Sample #...: E1E220302-019 **Work Order #...:** EDQ971AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:25 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1145135
Prep Date.....: 05/25/01 **Analysis Date..:** 05/25/01
Prep Batch #...: 1145283 **Analysis Time..:** 00:29
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**45**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**4.2 J**	**5.0**	**ug/kg**	**1.0**
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**8.2**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**60**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_50

GC/MS Volatiles

Lot-Sample #...: E1E220302-019 **Work Order #...:** EDQ971AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	120	(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: 2_33_60

GC Semivolatiles

Lot-Sample #...:	E1E220302-020	**Work Order #...:**	EDQ981AC	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 14:55	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143186
Prep Date.....:	05/23/01	**Analysis Date..:**	05/27/01		
Prep Batch #...:	1143379	**Analysis Time..:**	15:39		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G02		
		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	76	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_60

GC Volatiles

Lot-Sample #...:	E1E220302-020	**Work Order #...:**	EDQ981AD	**Matrix.....:**	SOLID
Date Sampled...:	05/22/01 14:55	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144401	**Analysis Time..:**	03:13		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	64	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_60

GC/MS Volatiles

Lot-Sample #...: E1E220302-020 **Work Order #...:** EDQ981AA **Matrix.....:** SOLID
Date Sampled...: 05/22/01 14:55 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1145135
Prep Date.....: 05/25/01 **Analysis Date..:** 05/25/01
Prep Batch #...: 1145283 **Analysis Time..:** 01:02
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2_33_60

GC/MS Volatiles

Lot-Sample #...: E1E220302-020 **Work Order #...:** EDQ981AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	96	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC Volatiles

Lot-Sample #...: E1E220302-021 **Work Order #...:** EDQ991AC **Matrix.....:** WATER
Date Sampled...: 05/22/01 15:50 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143265
Prep Date.....: 05/22/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143509 **Analysis Time..:** 11:54
Dilution Factor: 1
Analyst ID.....: 001464 **Instrument ID..:** G16
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	ND	0.10	mg/L	0.030
Unknown Hydrocarbon	ND	0.10	mg/L	0.030

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E1E220302-021 **Work Order #...:** EDQ991AA **Matrix.....:** WATER
Date Sampled...: 05/22/01 15:50 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1143267
Prep Date.....: 05/22/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143520 **Analysis Time..:** 00:58
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSC
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**4.4 J**	**10**	**ug/L**	**3.0**
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E1E220302-021 **Work Order #...:** EDQ991AA **Matrix.....:** WATER

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(75 - 120)
1,2-Dichloroethane-d4	90	(65 - 130)
Toluene-d8	108	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

TRIP BLANK

GC/MS Volatiles

Lot-Sample #: E1E220302-021 **Work Order #:** EDQ991AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_40

TOTAL Metals

Lot-Sample #...: E1E220302-022 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:05 **Date Received..:** 05/22/01 17:55

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1144424						
Silver	ND	1.0	mg/kg	SW846 6010B	05/24-05/25/01	EDRAA1AP
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Aluminum	**10700**	**20.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AA**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 8.0	
Arsenic	**6.6**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AD**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	
Barium	**78.9**	**2.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AE**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Beryllium	**0.33 B**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AF**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.050	
Cadmium	ND	0.50	mg/kg	SW846 6010B	05/24-05/25/01	EDRAA1AG
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.050	
Cobalt	**5.0**	**5.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AH**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Chromium	**17.5**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AU**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Copper	**10.4**	**2.5**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AJ**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_40

TOTAL Metals

Lot-Sample #...: E1E220302-022 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Molybdenum	**0.42 B**	**4.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AL**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Nickel	**11.2**	**4.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AM**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Lead	**2.9**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AK**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Antimony	ND	6.0	mg/kg	SW846 6010B	05/24-05/25/01	EDRAA1AC
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.20	
Selenium	ND	0.50	mg/kg	SW846 6010B	05/24-05/25/01	EDRAA1AN
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	
Thallium	ND	1.0	mg/kg	SW846 6010B	05/24-05/25/01	EDRAA1AQ
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.50	
Vanadium	**34.2**	**5.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AR**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Zinc	**36.7**	**2.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAA1AT**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 1.0	

Prep Batch #...: 1144426

Mercury	ND	0.10	mg/kg	SW846 7471A	05/24-05/25/01	EDRAA1AV
		Dilution Factor: 1		Analysis Time..: 14:08	Analyst ID.....: 0210888	
		Instrument ID..: M04		MS Run #.....: 1144231	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_50

TOTAL Metals

Lot-Sample #...: E1E220302-023 Matrix.....: SOLID
Date Sampled...: 05/18/01 17:13 Date Received..: 05/22/01 17:55

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1144424						
Silver	ND	1.0	mg/kg	SW846 6010B	05/24-05/25/01	EDRAC1AP
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Aluminum	**19200**	**20.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AA**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 8.0	
Arsenic	**29.6**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AD**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	
Barium	**212**	**2.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AE**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Beryllium	**0.83**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AF**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.050	
Cadmium	ND	0.50	mg/kg	SW846 6010B	05/24-05/25/01	EDRAC1AG
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.050	
Cobalt	**11.5**	**5.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AH**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Chromium	**36.7**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AU**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Copper	**37.0**	**2.5**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AJ**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_50

TOTAL Metals

Lot-Sample #...: E1E220302-023 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Molybdenum	**2.3 B**	**4.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AL**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Nickel	**21.7**	**4.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AM**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Lead	**10.0**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AK**
		Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Antimony	ND	6.0	mg/kg	SW846 6010B	05/24-05/25/01	EDRAC1AC
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.20	
Selenium	**0.41 B**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AN**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	
Thallium	**0.90 B**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AQ**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.50	
Vanadium	**93.0**	**5.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AR**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Zinc	**62.1**	**2.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAC1AT**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 1.0	

Prep Batch #...: 1144426

Mercury	**0.026 B**	**0.10**	**mg/kg**	**SW846 7471A**	**05/24-05/25/01**	**EDRAC1AV**
		Dilution Factor: 1		Analysis Time..: 14:13	Analyst ID.....: 0210888	
		Instrument ID..: M04		MS Run #.....: 1144231	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_60

TOTAL Metals

Lot-Sample #...: E1E220302-024 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:24 **Date Received..:** 05/22/01 17:55

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1144424						
Silver	ND	1.0	mg/kg	SW846 6010B	05/24-05/25/01	EDRAD1AP
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Aluminum	**12400**	**20.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AA**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 8.0	
Arsenic	**3.4**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AD**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	
Barium	**60.2**	**2.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AE**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Beryllium	**0.43 B**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AF**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.050	
Cadmium	ND	0.50	mg/kg	SW846 6010B	05/24-05/25/01	EDRAD1AG
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.050	
Cobalt	**9.1**	**5.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AH**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Chromium	**22.0**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AU**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Copper	**23.6**	**2.5**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AJ**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_60

TOTAL Metals

Lot-Sample #...: E1E220302-024 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Molybdenum	**0.31 B**	**4.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AL**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Nickel	**19.6**	**4.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AM**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Lead	**4.1**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AK**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.30	
Antimony	ND	6.0	mg/kg	SW846 6010B	05/24-05/25/01	EDRAD1AC
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.20	
Selenium	**0.42 B**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AN**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.40	
Thallium	**0.61 B**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AQ**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.50	
Vanadium	**39.5**	**5.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AR**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 0.10	
Zinc	**58.8**	**2.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDRAD1AT**
		Dilution Factor: 1		Analysis Time..: 20:26	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 1144228	MDL.....: 1.0	

Prep Batch #...: 1144426

Mercury	**0.027 B**	**0.10**	**mg/kg**	**SW846 7471A**	**05/24-05/25/01**	**EDRAD1AV**
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 0210888	
		Instrument ID..: M04		MS Run #.....: 1144231	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E1E220302

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144439	1144238
002	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144439	1144238
003	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297
004	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144439	1144238
005	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144439	1144238
006	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297
007	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297
008	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297
009	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297
010	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297
011	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297

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QC DATA ASSOCIATION SUMMARY

E1E220302

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1145283	1145135
013	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297
014	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1145283	1145135
015	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1144530	1144297
016	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1145283	1145135
017	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1145283	1145135
018	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1145283	1145135
019	SOLID	SW846 8015B		1143376	1143185
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1145283	1145135
020	SOLID	SW846 8015B		1143379	1143186
	SOLID	SW846 8015B		1144401	1144212
	SOLID	SW846 8260B		1145283	1145135
021	WATER	SW846 8015B		1143509	1143265
	WATER	SW846 8260B		1143520	1143267
022	SOLID	SW846 7471A		1144426	1144231
	SOLID	SW846 6010B		1144424	1144228

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QC DATA ASSOCIATION SUMMARY

E1E220302

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
023	SOLID	SW846 7471A		1144426	1144231
	SOLID	SW846 6010B		1144424	1144228
024	SOLID	SW846 7471A		1144426	1144231
	SOLID	SW846 6010B		1144424	1144228

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1E220302
MB Lot-Sample #: E1E230000-376

Analysis Date..: 05/28/01
Dilution Factor: 1

Work Order #...: EDTK11AA

Prep Date.....: 05/23/01
Prep Batch #...: 1143376

Analyst ID.....: 356074

Matrix.....: SOLID

Analysis Time..: 06:12
Instrument ID..: G03

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1E220302
MB Lot-Sample #: E1E230000-379
Analysis Date..: 05/27/01
Dilution Factor: 1

Work Order #...: EDTK81AA
Prep Date.....: 05/23/01
Prep Batch #...: 1143379
Analyst ID.....: 356074

Matrix.....: SOLID
Analysis Time..: 14:21
Instrument ID..: G02

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	86	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1E220302
MB Lot-Sample #: E1E230000-509

Analysis Date..: 05/22/01
Dilution Factor: 1

Work Order #...: EDVC51AA

Prep Date.....: 05/22/01
Prep Batch #...: 1143509

Analyst ID.....: 001464

Matrix.....: WATER

Analysis Time..: 19:09
Instrument ID..: G16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Gasoline)	ND	0.10	mg/L	SW846 8015B
Unknown Hydrocarbon	ND	0.10	mg/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	82	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1E220302
MB Lot-Sample #: E1E230000-509
Work Order #...: EDVC51AD
Matrix.....: WATER
Prep Date.....: 05/22/01
Analysis Time..: 11:26
Analysis Date..: 05/23/01
Prep Batch #...: 1143509
Instrument ID..: G16
Dilution Factor: 1
Analyst ID.....: 001464

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Gasoline)	ND	0.10	mg/L	SW846 8015B
Unknown Hydrocarbon	ND	0.10	mg/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	81	(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 #...: E1E220302 **Work Order #...:** EDVD81AA **Matrix.....:** WATER
MB Lot-Sample #: E1E230000-520

Prep Date.....: 05/22/01 **Analysis Time..:** 21:00
Analysis Date..: 05/22/01 **Prep Batch #...:** 1143520 **Instrument ID..:** MSC
Dilution Factor: 1

Analyst ID.....: 015590

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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDVD81AA **Matrix.....:** WATER

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 120)
1,2-Dichloroethane-d4	94	(65 - 130)
Toluene-d8	107	(80 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1E220302
MB Lot-Sample #: E1E240000-401
Analysis Date..: 05/23/01
Dilution Factor: 1

Work Order #...: EDW8F1AA
Prep Date.....: 05/23/01
Prep Batch #...: 1144401
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time..: 17:10
Instrument ID..: G16

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(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 #...: E1E220302
MB Lot-Sample #: E1E240000-439

Work Order #...: EDXEW1AA
Prep Date.....: 05/23/01
Prep Batch #...: 1144439
Analyst ID.....: 015590

Matrix.....: SOLID
Analysis Time..: 21:01
Instrument ID..: MSD

Analysis Date..: 05/23/01
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDXEW1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	121	(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 #...: E1E220302
MB Lot-Sample #: E1E240000-530

Analysis Date..: 05/24/01
Dilution Factor: 1

Work Order #...: EDXWK1AA

Prep Date.....: 05/24/01
Prep Batch #...: 1144530

Analyst ID.....: 015590

Matrix.....: SOLID

Analysis Time..: 08:45
Instrument ID..: MSD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDXWK1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	119	(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 #...: E1E220302
MB Lot-Sample #: E1E250000-283

Analysis Date..: 05/24/01
Dilution Factor: 1

Work Order #...: ED0MN1AA

Prep Date.....: 05/24/01
Prep Batch #...: 1145283

Analyst ID.....: 015590

Matrix.....: SOLID

Analysis Time..: 18:29
Instrument ID..: MSG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E220302 **Work Order #...:** ED0MN1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	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
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	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
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	94	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: E1E240000-424 **Prep Batch #...:** 1144424						
Aluminum	ND	20.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AA
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AC
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AD
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AE
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AF
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	**0.10 B**	**0.50**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDXCT1AG**
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	**0.32 B**	**1.0**	**mg/kg**	**SW846 6010B**	**05/24-05/25/01**	**EDXCT1AU**
		Dilution Factor: 1				
		Analysis Time..: 12:34		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AH
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	ND	2.5	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AJ
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AK
		Dilution Factor: 1				
		Analysis Time..: 12:34		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AL
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	4.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AM
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AN
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AP
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AQ
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AR
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	05/24-05/25/01	EDXCT1AT
		Dilution Factor: 1				
		Analysis Time..: 19:21		Analyst ID.....: 003119	Instrument ID..: M01	

MB Lot-Sample #: E1E240000-426 **Prep Batch #...:** 1144426

Mercury	ND	0.10	mg/kg	SW846 7471A	05/24-05/25/01	EDXDC1AA
		Dilution Factor: 1				
		Analysis Time..: 14:05		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1E220302 **Work Order #...:** EDTK11AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-376
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 06:51
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**211**	**mg/kg**	**84**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	80	(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 #...: E1E220302 **Work Order #...:** EDTK81AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-379
Prep Date.....: 05/23/01 **Analysis Date..:** 05/27/01
Prep Batch #...: 1143379 **Analysis Time..:** 15:00
Dilution Factor: 1 **Instrument ID..:** G02
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**210**	**mg/kg**	**84**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	87	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDVC51AC **Matrix.....:** WATER
LCS Lot-Sample#: E1E230000-509
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143509 **Analysis Time..:** 18:12
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**1.00**	**1.05**	**mg/L**	**105**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	115	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDVC51AE **Matrix.....:** WATER
LCS Lot-Sample#: E1E230000-509
Prep Date.....: 05/22/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143509 **Analysis Time..:** 10:57
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**1.00**	**1.02**	**mg/L**	**102**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	112	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDVD81AC **Matrix.....:** WATER
LCS Lot-Sample#: E1E230000-520
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143520 **Analysis Time..:** 20:30
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**11.0**	**ug/L**	**110**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**12.1**	**ug/L**	**121**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.8**	**ug/L**	**108**	**SW846 8260B**
Toluene	**10.0**	**10.9**	**ug/L**	**109**	**SW846 8260B**
Trichloroethene	**10.0**	**11.3**	**ug/L**	**113**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 120)
1,2-Dichloroethane-d4	90	(65 - 130)
Toluene-d8	110	(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 #...: E1E220302 **Work Order #...:** EDW8F1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-401
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144401 **Analysis Time..:** 16:41
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.12**	**mg/kg**	**102**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	120	(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 #...: E1E220302 **Work Order #...:** EDXEW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-439
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144439 **Analysis Time..:** 20:31
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**54.6**	**ug/kg**	**109**	**SW846 8260B**
Benzene	**50.0**	**50.5**	**ug/kg**	**101**	**SW846 8260B**
Trichloroethene	**50.0**	**48.6**	**ug/kg**	**97**	**SW846 8260B**
Toluene	**50.0**	**49.2**	**ug/kg**	**98**	**SW846 8260B**
Chlorobenzene	**50.0**	**49.6**	**ug/kg**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	115	(70 - 130)
1,2-Dichloroethane-d4	113	(60 - 140)
Toluene-d8	123	(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 #...: E1E220302 **Work Order #...:** EDXWK1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-530
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 08:15
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**56.8**	**ug/kg**	**114**	**SW846 8260B**
Benzene	**50.0**	**51.8**	**ug/kg**	**104**	**SW846 8260B**
Trichloroethene	**50.0**	**51.2**	**ug/kg**	**102**	**SW846 8260B**
Toluene	**50.0**	**51.2**	**ug/kg**	**102**	**SW846 8260B**
Chlorobenzene	**50.0**	**51.9**	**ug/kg**	**104**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	116	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
Toluene-d8	124	(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 #...: E1E220302 **Work Order #...:** ED0MN1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E250000-283
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1145283 **Analysis Time..:** 17:56
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**58.7**	**ug/kg**	**117**	**SW846 8260B**
Benzene	**50.0**	**55.5**	**ug/kg**	**111**	**SW846 8260B**
Trichloroethene	**50.0**	**56.0**	**ug/kg**	**112**	**SW846 8260B**
Toluene	**50.0**	**48.8**	**ug/kg**	**98**	**SW846 8260B**
Chlorobenzene	**50.0**	**48.5**	**ug/kg**	**97**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	122	(70 - 130)
1,2-Dichloroethane-d4	104	(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

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E1E240000-424 **Prep Batch #...:** 1144424							
Aluminum	200	174	mg/kg	87	SW846 6010B	05/24-05/25/01	EDXCT1AV
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	50.0	47.9	mg/kg	96	SW846 6010B	05/24-05/25/01	EDXCT1AW
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	200	184	mg/kg	92	SW846 6010B	05/24-05/25/01	EDXCT1AX
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	200	210	mg/kg	105	SW846 6010B	05/24-05/25/01	EDXCT1A0
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	5.00	5.17	mg/kg	103	SW846 6010B	05/24-05/25/01	EDXCT1A1
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	5.00	5.31	mg/kg	106	SW846 6010B	05/24-05/25/01	EDXCT1A2
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	50.0	51.5	mg/kg	103	SW846 6010B	05/24-05/25/01	EDXCT1A3
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	25.0	25.1	mg/kg	100	SW846 6010B	05/24-05/25/01	EDXCT1A4
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	50.0	44.3	mg/kg	89	SW846 6010B	05/24-05/25/01	EDXCT1A5
			Dilution Factor: 1				
			Analysis Time..: 12:41		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	99.1	mg/kg	99	SW846 6010B	05/24-05/25/01	EDXCT1A6
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	50.0	51.1	mg/kg	102	SW846 6010B	05/24-05/25/01	EDXCT1A7
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	200	173	mg/kg	86	SW846 6010B	05/24-05/25/01	EDXCT1A8
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	5.00	4.88	mg/kg	98	SW846 6010B	05/24-05/25/01	EDXCT1A9
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	200	179	mg/kg	89	SW846 6010B	05/24-05/25/01	EDXCT1CA
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	50.0	51.6	mg/kg	103	SW846 6010B	05/24-05/25/01	EDXCT1CC
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	50.0	49.6	mg/kg	99	SW846 6010B	05/24-05/25/01	EDXCT1CD
			Dilution Factor: 1				
			Analysis Time..: 19:27		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	20.0	22.5	mg/kg	113	SW846 6010B	05/24-05/25/01	EDXCT1CE
			Dilution Factor: 1				
			Analysis Time..: 12:41		Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E1E240000-426 **Prep Batch #...:** 1144426

Mercury	0.833	0.834	mg/kg	100	SW846 7471A	05/24-05/25/01	EDXDC1AC
			Dilution Factor: 1				
			Analysis Time..: 14:06		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 #...: E1E220302 **Work Order #...:** EDTK11AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-376
Prep Date.....: 05/23/01 **Analysis Date..:** 05/28/01
Prep Batch #...: 1143376 **Analysis Time..:** 06:51
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**84**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	80	(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 #...: E1E220302 **Work Order #...:** EDTK81AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-379
Prep Date.....: 05/23/01 **Analysis Date..:** 05/27/01
Prep Batch #...: 1143379 **Analysis Time..:** 15:00
Dilution Factor: 1 **Instrument ID..:** G02
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**84**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	87	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDVC51AC **Matrix.....:** WATER
LCS Lot-Sample#: E1E230000-509
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143509 **Analysis Time..:** 18:12
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**105**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	115	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDVC51AE **Matrix.....:** WATER
LCS Lot-Sample#: E1E230000-509
Prep Date.....: 05/22/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143509 **Analysis Time..:** 10:57
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**102**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	112	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDVD81AC **Matrix.....:** WATER
LCS Lot-Sample#: E1E230000-520
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143520 **Analysis Time..:** 20:30
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**110**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**121**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**108**	**(80 - 120)**	**SW846 8260B**
Toluene	**109**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**113**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 120)
1,2-Dichloroethane-d4	90	(65 - 130)
Toluene-d8	110	(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 #...: E1E220302 **Work Order #...:** EDW8F1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-401
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144401 **Analysis Time..:** 16:41
Dilution Factor: 1 **Instrument ID..:** G16
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)	120	(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 #...: E1E220302 **Work Order #...:** EDXEW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-439
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144439 **Analysis Time..:** 20:31
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**109**	**(60 - 150)**	**SW846 8260B**
Benzene	**101**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**97**	**(70 - 130)**	**SW846 8260B**
Toluene	**98**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**99**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	115	(70 - 130)
1,2-Dichloroethane-d4	113	(60 - 140)
Toluene-d8	123	(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 #...: E1E220302 **Work Order #...:** EDXWK1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-530
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 08:15
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**114**	**(60 - 150)**	**SW846 8260B**
Benzene	**104**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**102**	**(70 - 130)**	**SW846 8260B**
Toluene	**102**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**104**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	116	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
Toluene-d8	124	(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 #...: E1E220302 **Work Order #...:** ED0MN1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E250000-283
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1145283 **Analysis Time..:** 17:56
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**117**	**(60 - 150)**	**SW846 8260B**
Benzene	**111**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**112**	**(70 - 130)**	**SW846 8260B**
Toluene	**98**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**97**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	122	(70 - 130)
1,2-Dichloroethane-d4	104	(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

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E1E240000-424 **Prep Batch #...:** 1144424					
Aluminum	87	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1AV
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	96	(75 - 115)	SW846 6010B	05/24-05/25/01	EDXCT1AW
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	92	(75 - 115)	SW846 6010B	05/24-05/25/01	EDXCT1AX
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Barium	105	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A0
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	103	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A1
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	106	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A2
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	103	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A3
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Copper	100	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A4
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Lead	89	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A5
		Dilution Factor: 1			
		Analysis Time..: 12:41	Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	99	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A6
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	102	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A7
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	86	(70 - 115)	SW846 6010B	05/24-05/25/01	EDXCT1A8
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Silver	98	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1A9
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	89	(75 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1CA
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	103	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1CC
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	99	(80 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1CD
		Dilution Factor: 1			
		Analysis Time..: 19:27	Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	113	(85 - 120)	SW846 6010B	05/24-05/25/01	EDXCT1CE
		Dilution Factor: 1			
		Analysis Time..: 12:41	Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E1E240000-426 **Prep Batch #...:** 1144426

Mercury	100	(85 - 115)	SW846 7471A	05/24-05/25/01	EDXDC1AC
		Dilution Factor: 1			
		Analysis Time..: 14:06	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 Volatiles

Client Lot #...:	E1E220302	**Work Order #...:**	EDN901AF-MS EDN901AG-MSD	**Matrix.....:**	WATER
MS Lot-Sample #:	E1E210185-003				
Date Sampled...:	05/21/01 11:00	**Date Received..:**	05/21/01 18:15	**MS Run #.....:**	1143265
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143508	**Analysis Time..:**	22:00		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**1.00**	**1.12**	**mg/L**	**112**		**SW846 8015B**
	ND	**1.00**	**1.08**	**mg/L**	**108**	**3.8**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	125	(60 - 130)
	120	(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 #...:	E1E220302	**Work Order #...:**	EDQ7G1CH-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1E220290-003		EDQ7G1CJ-MSD		
Date Sampled...:	05/22/01 14:05	**Date Received..:**	05/22/01 16:10	**MS Run #.....:**	1143267
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1143510	**Analysis Time..:**	16:13		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSC

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**10.0**	**10.3**	**ug/L**	**103**		**SW846 8260B**
	ND	**10.0**	**10.3**	**ug/L**	**103**	**0.09**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**9.80**	**ug/L**	**98**		**SW846 8260B**
	ND	**10.0**	**9.77**	**ug/L**	**98**	**0.30**	**SW846 8260B**
1,1-Dichloroethene	**0.20**	**10.0**	**10.9**	**ug/L**	**107**		**SW846 8260B**
	0.20	**10.0**	**10.7**	**ug/L**	**105**	**1.6**	**SW846 8260B**
Toluene	**2.0**	**10.0**	**11.6**	**ug/L**	**96**		**SW846 8260B**
	2.0	**10.0**	**11.7**	**ug/L**	**96**	**0.68**	**SW846 8260B**
Trichloroethene	**1.3**	**10.0**	**11.8**	**ug/L**	**105**		**SW846 8260B**
	1.3	**10.0**	**11.9**	**ug/L**	**106**	**0.33**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(75 - 120)
		(75 - 120)
1,2-Dichloroethane-d4	102	(65 - 130)
		(65 - 130)
Toluene-d8	108	(80 - 130)
		(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E1E220302	**Work Order #...:**	EDQ9A1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-001		EDQ9A1AF-MSD		
Date Sampled...:	05/22/01 08:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144238
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144439	**Analysis Time..:**	22:32		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	13	**50.0**	**57.8**	**ug/kg**	**91**		**SW846 8260B**
	13	**50.0**	**56.3**	**ug/kg**	**87**	**2.7**	**SW846 8260B**
Benzene	ND	**50.0**	**52.9**	**ug/kg**	**106**		**SW846 8260B**
	ND	**50.0**	**50.6**	**ug/kg**	**101**	**4.6**	**SW846 8260B**
Trichloroethene	12	**50.0**	**51.2**	**ug/kg**	**77**		**SW846 8260B**
	12	**50.0**	**49.2**	**ug/kg**	**74**	**3.9**	**SW846 8260B**
Toluene	ND	**50.0**	**51.2**	**ug/kg**	**102**		**SW846 8260B**
	ND	**50.0**	**48.7**	**ug/kg**	**97**	**5.0**	**SW846 8260B**
Chlorobenzene	ND	**50.0**	**52.1**	**ug/kg**	**104**		**SW846 8260B**
	ND	**50.0**	**48.9**	**ug/kg**	**98**	**6.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	117	(70 - 130)
	115	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
	111	(60 - 140)
Toluene-d8	125	(70 - 130)
	123	(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 #...:	E1E220302	**Work Order #...:**	EDQ9H1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-005		EDQ9H1AF-MSD		
Date Sampled...:	05/22/01 08:45	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	12:44		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G03

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**ND**	**250**	**170**	**mg/kg**	**68**		**SW846 8015B**
	ND	**250**	**204**	**mg/kg**	**82**	**18**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	62	(60 - 130)
	74	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E220302 **Work Order #...:** EDQ9J1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1E220302-006 EDQ9J1AF-MSD
Date Sampled...: 05/22/01 08:50 **Date Received..:** 05/22/01 17:55 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 13:35
Dilution Factor: 1 **Analyst ID.....:** 015590 **Instrument ID..:** MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**54.4**	**ug/kg**	**109**		**SW846 8260B**
	ND	**50.0**	**53.7**	**ug/kg**	**107**	**1.3**	**SW846 8260B**
Benzene	**ND**	**50.0**	**50.0**	**ug/kg**	**100**		**SW846 8260B**
	ND	**50.0**	**49.7**	**ug/kg**	**99**	**0.52**	**SW846 8260B**
Trichloroethene	**6.3**	**50.0**	**50.0**	**ug/kg**	**87**		**SW846 8260B**
	6.3	**50.0**	**52.5**	**ug/kg**	**92**	**4.8**	**SW846 8260B**
Toluene	**ND**	**50.0**	**49.4**	**ug/kg**	**99**		**SW846 8260B**
	ND	**50.0**	**49.0**	**ug/kg**	**98**	**0.81**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**49.8**	**ug/kg**	**100**		**SW846 8260B**
	ND	**50.0**	**49.0**	**ug/kg**	**98**	**1.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	116	(70 - 130)
	118	(70 - 130)
1,2-Dichloroethane-d4	113	(60 - 140)
	114	(60 - 140)
Toluene-d8	122	(70 - 130)
	125	(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 Volatiles

Client Lot #...:	E1E220302	**Work Order #...:**	EDQ9L1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-007		EDQ9L1AF-MSD		
Date Sampled...:	05/22/01 09:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144401	**Analysis Time..:**	03:41		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**5.00**	**5.28**	**mg/kg**	**106**		**SW846 8015B**
	ND	**5.00**	**5.22**	**mg/kg**	**104**	**1.1**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(60 - 130)
	119	(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 #...:	E1E220302	**Work Order #...:**	EDQ981AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-020		EDQ981AF-MSD		
Date Sampled...:	05/22/01 14:55	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143186
Prep Date.....:	05/23/01	**Analysis Date..:**	05/27/01		
Prep Batch #...:	1143379	**Analysis Time..:**	16:19		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G02

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**ND**	**250**	**204**	**mg/kg**	**82**		**SW846 8015B**
	ND	**250**	**192**	**mg/kg**	**77**	**6.1**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	86	(60 - 130)
	82	(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

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:05 **Date Received..:** 05/22/01 17:55

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1E220302-022 **Prep Batch #...:** 1144426									
Mercury									
	ND	0.167	0.190	mg/kg	114		SW846 7471A	05/24-05/25/01	EDRAA1AW
	ND	0.167	0.190	mg/kg	114	0.0	SW846 7471A	05/24-05/25/01	EDRAA1AX

Dilution Factor: 1
Analysis Time..: 14:10 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 1144231

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:13 **Date Received..:** 05/22/01 17:55

MS Lot-Sample #: E1E220302-023 **Prep Batch #...:** 1144424

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum										
	19200	200	20200	NC	mg/kg			SW846 6010B	05/24-05/25/01	EDRAC1AW
	19200	200	19000	NC	mg/kg			SW846 6010B	05/24-05/25/01	EDRAC1AX
			Dilution Factor: 1							
			Analysis Time..: 19:55			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1144228							
Antimony										
	ND	50.0	16.9	N	mg/kg	34		SW846 6010B	05/24-05/25/01	EDRAC1A0
	ND	50.0	15.6	N	mg/kg	31	8.1	SW846 6010B	05/24-05/25/01	EDRAC1A1
			Dilution Factor: 1							
			Analysis Time..: 19:55			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1144228							
Arsenic										
	29.6	200	206		mg/kg	88		SW846 6010B	05/24-05/25/01	EDRAC1A2
	29.6	200	203		mg/kg	87	1.2	SW846 6010B	05/24-05/25/01	EDRAC1A3
			Dilution Factor: 1							
			Analysis Time..: 19:55			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1144228							
Barium										
	212	200	375		mg/kg	82		SW846 6010B	05/24-05/25/01	EDRAC1A4
	212	200	391		mg/kg	90	4.1	SW846 6010B	05/24-05/25/01	EDRAC1A5
			Dilution Factor: 1							
			Analysis Time..: 19:55			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1144228							
Beryllium										
	0.83	5.00	5.87		mg/kg	101		SW846 6010B	05/24-05/25/01	EDRAC1A6
	0.83	5.00	5.72		mg/kg	98	2.6	SW846 6010B	05/24-05/25/01	EDRAC1A7
			Dilution Factor: 1							
			Analysis Time..: 19:55			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1144228							
Cadmium										
	ND	5.00	3.98		mg/kg	80		SW846 6010B	05/24-05/25/01	EDRAC1A8
	ND	5.00	3.82	N	mg/kg	76	4.0	SW846 6010B	05/24-05/25/01	EDRAC1A9
			Dilution Factor: 1							
			Analysis Time..: 19:55			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1144228							

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:13 **Date Received..:** 05/22/01 17:55

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium										
	36.7	20.0	54.9		mg/kg	91		SW846 6010B	05/24-05/25/01	EDRAC1C0
	36.7	20.0	53.0	N	mg/kg	82	3.6	SW846 6010B	05/24-05/25/01	EDRAC1C1
					Dilution Factor: 1					
					Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
					MS Run #.....: 1144228					
Cobalt										
	11.5	50.0	61.8		mg/kg	101		SW846 6010B	05/24-05/25/01	EDRAC1CA
	11.5	50.0	61.0		mg/kg	99	1.4	SW846 6010B	05/24-05/25/01	EDRAC1CC
					Dilution Factor: 1					
					Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
					MS Run #.....: 1144228					
Copper										
	37.0	25.0	62.2		mg/kg	101		SW846 6010B	05/24-05/25/01	EDRAC1CD
	37.0	25.0	63.3		mg/kg	105	1.6	SW846 6010B	05/24-05/25/01	EDRAC1CE
					Dilution Factor: 1					
					Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
					MS Run #.....: 1144228					
Lead										
	10.0	50.0	54.8		mg/kg	90		SW846 6010B	05/24-05/25/01	EDRAC1CF
	10.0	50.0	55.2		mg/kg	90	0.73	SW846 6010B	05/24-05/25/01	EDRAC1CG
					Dilution Factor: 1					
					Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
					MS Run #.....: 1144228					
Molybdenum										
	2.3	100	97.0		mg/kg	95		SW846 6010B	05/24-05/25/01	EDRAC1CH
	2.3	100	94.6		mg/kg	92	2.5	SW846 6010B	05/24-05/25/01	EDRAC1CJ
					Dilution Factor: 1					
					Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
					MS Run #.....: 1144228					
Nickel										
	21.7	50.0	70.8		mg/kg	98		SW846 6010B	05/24-05/25/01	EDRAC1CK
	21.7	50.0	69.6		mg/kg	96	1.6	SW846 6010B	05/24-05/25/01	EDRAC1CL
					Dilution Factor: 1					
					Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
					MS Run #.....: 1144228					
Selenium										
	0.41	200	173		mg/kg	86		SW846 6010B	05/24-05/25/01	EDRAC1CM
	0.41	200	171		mg/kg	85	1.4	SW846 6010B	05/24-05/25/01	EDRAC1CN
					Dilution Factor: 1					
					Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
					MS Run #.....: 1144228					

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:13 **Date Received..:** 05/22/01 17:55

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	5.00	4.66	mg/kg	93		SW846 6010B	05/24-05/25/01	EDRAC1CP
	ND	5.00	4.54	mg/kg	91	2.6	SW846 6010B	05/24-05/25/01	EDRAC1CQ
				Dilution Factor: 1					
				Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 1144228					
Thallium									
	0.90	200	191	mg/kg	95		SW846 6010B	05/24-05/25/01	EDRAC1CR
	0.90	200	186	mg/kg	92	2.7	SW846 6010B	05/24-05/25/01	EDRAC1CT
				Dilution Factor: 1					
				Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 1144228					
Vanadium									
	93.0	50.0	128 N	mg/kg	71		SW846 6010B	05/24-05/25/01	EDRAC1CU
	93.0	50.0	129 N	mg/kg	72	0.49	SW846 6010B	05/24-05/25/01	EDRAC1CV
				Dilution Factor: 1					
				Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 1144228					
Zinc									
	62.1	50.0	110	mg/kg	96		SW846 6010B	05/24-05/25/01	EDRAC1CW
	62.1	50.0	113	mg/kg	102	3.0	SW846 6010B	05/24-05/25/01	EDRAC1CX
				Dilution Factor: 1					
				Analysis Time..: 19:55		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 1144228					

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E1E220302	**Work Order #...:**	EDXQ71AF-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E240348-001		EDXQ71AG-MSD		
Date Sampled...:	05/24/01 10:10	**Date Received..:**	05/24/01 17:24	**MS Run #.....:**	1145135
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1145283	**Analysis Time..:**	20:07		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**54.4**	**ug/kg**	**109**		**SW846 8260B**
	ND	**50.0**	**63.2**	**ug/kg**	**126**	**15**	**SW846 8260B**
Benzene	**ND**	**50.0**	**48.5**	**ug/kg**	**97**		**SW846 8260B**
	ND	**50.0**	**57.9**	**ug/kg**	**116**	**18**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**49.5**	**ug/kg**	**99**		**SW846 8260B**
	ND	**50.0**	**58.7**	**ug/kg**	**117**	**17**	**SW846 8260B**
Toluene	**ND**	**50.0**	**45.5**	**ug/kg**	**91**		**SW846 8260B**
	ND	**50.0**	**53.6**	**ug/kg**	**107**	**16**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**44.0**	**ug/kg**	**88**		**SW846 8260B**
	ND	**50.0**	**51.1**	**ug/kg**	**102**	**15**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
	123	(70 - 130)
1,2-Dichloroethane-d4	82	(60 - 140)
	105	(60 - 140)
Toluene-d8	92	(70 - 130)
	111	(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 Volatiles

Client Lot #...:	E1E220302	**Work Order #...:**	EDN901AF-MS EDN901AG-MSD	**Matrix.....:**	WATER
MS Lot-Sample #:	E1E210185-003				
Date Sampled...:	05/21/01 11:00	**Date Received..:**	05/21/01 18:15	**MS Run #.....:**	1143265
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143508	**Analysis Time..:**	22:00		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**112**	**(60 - 130)**			**SW846 8015B**
	108	**(60 - 130)**	**3.8**	**(0-25)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	125	(60 - 130)
	120	(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 #...:	E1E220302	**Work Order #...:**	EDQ7G1CH-MS EDQ7G1CJ-MSD	**Matrix.....:**	WATER
MS Lot-Sample #:	E1E220290-003				
Date Sampled...:	05/22/01 14:05	**Date Received..:**	05/22/01 16:10	**MS Run #.....:**	1143267
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1143510	**Analysis Time..:**	16:13		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSC

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**103**	**(75 - 120)**			**SW846 8260B**
	103	**(75 - 120)**	**0.09**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**98**	**(80 - 120)**			**SW846 8260B**
	98	**(80 - 120)**	**0.30**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**107**	**(70 - 130)**			**SW846 8260B**
	105	**(70 - 130)**	**1.6**	**(0-25)**	**SW846 8260B**
Toluene	**96**	**(80 - 120)**			**SW846 8260B**
	96	**(80 - 120)**	**0.68**	**(0-25)**	**SW846 8260B**
Trichloroethene	**105**	**(75 - 130)**			**SW846 8260B**
	106	**(75 - 130)**	**0.33**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(75 - 120)
		(75 - 120)
1,2-Dichloroethane-d4	102	(65 - 130)
		(65 - 130)
Toluene-d8	108	(80 - 130)
		(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E1E220302	**Work Order #...:**	EDQ9A1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-001		EDQ9A1AF-MSD		
Date Sampled...:	05/22/01 08:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144238
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144439	**Analysis Time..:**	22:32		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**91**	**(60 - 150)**			**SW846 8260B**
	87	**(60 - 150)**	**2.7**	**(0-30)**	**SW846 8260B**
Benzene	**106**	**(70 - 140)**			**SW846 8260B**
	101	**(70 - 140)**	**4.6**	**(0-30)**	**SW846 8260B**
Trichloroethene	**77**	**(70 - 130)**			**SW846 8260B**
	74	**(70 - 130)**	**3.9**	**(0-30)**	**SW846 8260B**
Toluene	**102**	**(70 - 130)**			**SW846 8260B**
	97	**(70 - 130)**	**5.0**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**104**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**6.2**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	117	(70 - 130)
	115	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
	111	(60 - 140)
Toluene-d8	125	(70 - 130)
	123	(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 #...:	E1E220302	**Work Order #...:**	EDQ9H1AE-MS EDQ9H1AF-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-005				
Date Sampled...:	05/22/01 08:45	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143185
Prep Date.....:	05/23/01	**Analysis Date..:**	05/28/01		
Prep Batch #...:	1143376	**Analysis Time..:**	12:44		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G03

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**68**	**(60 - 130)**			**SW846 8015B**
	82	**(60 - 130)**	**18**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	62	(60 - 130)
	74	(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 #...:	E1E220302	**Work Order #...:**	EDQ9J1AE-MS EDQ9J1AF-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-006				
Date Sampled...:	05/22/01 08:50	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144297
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144530	**Analysis Time..:**	13:35		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**109**	**(60 - 150)**			**SW846 8260B**
	107	**(60 - 150)**	**1.3**	**(0-30)**	**SW846 8260B**
Benzene	**100**	**(70 - 140)**			**SW846 8260B**
	99	**(70 - 140)**	**0.52**	**(0-30)**	**SW846 8260B**
Trichloroethene	**87**	**(70 - 130)**			**SW846 8260B**
	92	**(70 - 130)**	**4.8**	**(0-30)**	**SW846 8260B**
Toluene	**99**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**0.81**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**100**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**1.7**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	116	(70 - 130)
	118	(70 - 130)
1,2-Dichloroethane-d4	113	(60 - 140)
	114	(60 - 140)
Toluene-d8	122	(70 - 130)
	125	(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 Volatiles

Client Lot #...:	E1E220302	**Work Order #...:**	EDQ9L1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-007		EDQ9L1AF-MSD		
Date Sampled...:	05/22/01 09:00	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144212
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144401	**Analysis Time..:**	03:41		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**106**	**(80 - 140)**			**SW846 8015B**
	104	**(80 - 140)**	**1.1**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(60 - 130)
	119	(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 #...:	E1E220302	**Work Order #...:**	EDQ981AE-MS EDQ981AF-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-020				
Date Sampled...:	05/22/01 14:55	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1143186
Prep Date.....:	05/23/01	**Analysis Date..:**	05/27/01		
Prep Batch #...:	1143379	**Analysis Time..:**	16:19		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G02

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**82**	**(60 - 130)**			**SW846 8015B**
	77	**(60 - 130)**	**6.1**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	86	(60 - 130)
	82	(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

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:05 **Date Received..:** 05/22/01 17:55

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1E220302-022 **Prep Batch #...:** 1144426							
Mercury	114	(80 - 120)			SW846 7471A	05/24-05/25/01	EDRAA1AW
	114	(80 - 120)	0.0	(0-20)	SW846 7471A	05/24-05/25/01	EDRAA1AX

Dilution Factor: 1
Analysis Time..: 14:10 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 1144231

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:13 **Date Received..:** 05/22/01 17:55

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1E220302-023 **Prep Batch #...:** 1144424							
Aluminum	NC	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1AW
	NC	(80 - 120)		(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1AX
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Antimony	34 N	(75 - 115)			SW846 6010B	05/24-05/25/01	EDRAC1A0
	31 N	(75 - 115)	8.1	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1A1
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Arsenic	88	(75 - 115)			SW846 6010B	05/24-05/25/01	EDRAC1A2
	87	(75 - 115)	1.2	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1A3
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Barium	82	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1A4
	90	(80 - 120)	4.1	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1A5
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Beryllium	101	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1A6
	98	(80 - 120)	2.6	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1A7
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Cadmium	80	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1A8
	76 N	(80 - 120)	4.0	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1A9
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Chromium	91	(85 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1C0
	82 N	(85 - 120)	3.6	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1C1
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:13 **Date Received..:** 05/22/01 17:55

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	101	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CA
	99	(80 - 120)	1.4	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CC
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Copper	101	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CD
	105	(80 - 120)	1.6	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CE
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Lead	90	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CF
	90	(80 - 120)	0.73	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CG
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Molybdenum	95	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CH
	92	(80 - 120)	2.5	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CJ
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Nickel	98	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CK
	96	(80 - 120)	1.6	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CL
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Selenium	86	(70 - 115)			SW846 6010B	05/24-05/25/01	EDRAC1CM
	85	(70 - 115)	1.4	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CN
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Silver	93	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CP
	91	(80 - 120)	2.6	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CQ
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					
Thallium	95	(75 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CR
	92	(75 - 120)	2.7	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CT
		Dilution Factor: 1					
		Analysis Time..: 19:55			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1144228					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E220302 **Matrix.....:** SOLID
Date Sampled...: 05/18/01 17:13 **Date Received..:** 05/22/01 17:55

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	71 N	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CU
	72 N	(80 - 120)	0.49	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CV

Dilution Factor: 1
Analysis Time..: 19:55 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 1144228

Zinc	96	(80 - 120)			SW846 6010B	05/24-05/25/01	EDRAC1CW
	102	(80 - 120)	3.0	(0-25)	SW846 6010B	05/24-05/25/01	EDRAC1CX

Dilution Factor: 1
Analysis Time..: 19:55 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 1144228

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E1E220302	**Work Order #...:**	EDXQ71AF-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E240348-001		EDXQ71AG-MSD		
Date Sampled...:	05/24/01 10:10	**Date Received..:**	05/24/01 17:24	**MS Run #.....:**	1145135
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1145283	**Analysis Time..:**	20:07		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**109**	**(60 - 150)**			**SW846 8260B**
	126	**(60 - 150)**	**15**	**(0-30)**	**SW846 8260B**
Benzene	**97**	**(70 - 140)**			**SW846 8260B**
	116	**(70 - 140)**	**18**	**(0-30)**	**SW846 8260B**
Trichloroethene	**99**	**(70 - 130)**			**SW846 8260B**
	117	**(70 - 130)**	**17**	**(0-30)**	**SW846 8260B**
Toluene	**91**	**(70 - 130)**			**SW846 8260B**
	107	**(70 - 130)**	**16**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**88**	**(70 - 130)**			**SW846 8260B**
	102	**(70 - 130)**	**15**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
	123	(70 - 130)
1,2-Dichloroethane-d4	82	(60 - 140)
	105	(60 - 140)
Toluene-d8	92	(70 - 130)
	111	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters