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 29, 2001

STL LOT NUMBER: **E1E170301**
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 22 samples received under chain of custody by Severn Trent Laboratories (STL Los Angeles) on May 17, 2001. These samples are associated with your BRC former C-6 Torrance Harbor Gateway project.

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 Celcius 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 7142588610 ext 309.

Sincerely,

Diane Suzuki
Project Manager

cc: Project File

This report contains 000164 pages.

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

ACCREDITED IN ACCORDANCE WITH nelac

BOE-C6-0122767

Chain of Custody Record

STL-4124 (0700)

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

Client: Kennedy Jenks	Project Manager: Rob Purcell	Date:	Chain of Custody Number: 052412
Address: 2151 Michelson Dr. Ste 100	Telephone Number (Area Code)/Fax Number: 949-260-1577	Lab Number:	Page ____ of ____
City: Irvine; State: Ca; Zip Code:	Site Contact: Jay Knight	Lab Contact:	
Project Name and Location (State): Boeing C-6 Torrance, Ca	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	Air	Aqueous	Sed.	Soil		Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	2S	Analysis (Attach list if more space is needed): 8260 VOCs	8015 TPH	Special Instructions/ Conditions of Receipt
PD-24-50	5/16/01	5:20				X								1	X	X	
" -60	5/16/01	5:35															
15-10	5/17/01	9:00															
" -20		9:15															
" -25		9:25															
" -30		9:30															
" -40		9:50															
" -50		10:00															
" -60		10:15															
2BB-36-11-10		12:00															
" -20		12:10															
" -25	5/17/01	12:15				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):

	Date	Time		Date	Time
1. Relinquished By: [signature]	5-17-01	16:00	1. Received By: [signature] Hodges	5/17/01	16:00
2. Relinquished By: [signature] Hodges	5/17/01	18:00	2. Received By: Purcell	5/17/01	18:00
3. Relinquished By:			3. Received By:		

Comments:

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

200000

BOE-C6-0122768

Chain of Custody Record

STL-4124 (0700)

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

Client: Kennedy Jenks	Project Manager: Rus Powell	Date:	Chain of Custody Number: 052425
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: Jon Knight	Lab Contact:	
Project Name and Location (State): Boeing C-6 Torrance, Ca	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	MS	Analysis (Attach list if more space is needed): 8260 bkg's	8015 TPH	Special Instructions/ Conditions of Receipt
2BB-36-11-30	5-17-01	12:25				X							1	X	X	
-40	"	12:35				X							1	X	X	
-50	"	12:45				X							1	X	X	
-60	"	12:55				X							1	X	X	
2BB-36-9-10		1510												X	X	
-20		1524												X	X	
-25		1530												X	X	
-30		1537												X	X	
-40		1547												X	X	
TB				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):

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/17/01	1600	1. Received By: [signature]	5/17/01	16:00
2. Relinquished By: [signature]	5/17/01	18:00	2. Received By: [signature]	5/17/01	18:00
3. Relinquished By			3. Received By		

Comments:

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

BOE-C6-0122769

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 5/17/01

Quantims Lot #: EIE170301
Client Name: Kennedy Jenks
Received by: Pr coleta

Quote #: 38629
Project: Boeing C-6
Date/Time Received: 5/17/01 18:00

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

		Initial / Date
Custody Seal Status:	☒ Intact ☐ Broken ☐ None	AR 5/17/01
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	AR	
Labeling checked by	RS	

Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☒ NORMAL 5 days
Short-Hold Notification: ☐ Ph ☐ Wet Chem ☐ Metals (Filter/Pres) ☐ Encore ☒ N/A ✓

Outside Analysis(es) (Test/Lab/Date Sent Out) : – none .

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

Fraction	1→21	22									PH
VOAh 1*	(5)/12	3									N/A
B Sleeve	1	–									–

H: HCl NaOH: Sodium Hydroxide ZnAc: Zinc Acetate/Sodium Hydroxide S: H2SO4 N: HNO3 N/F: HNO3-Field filtered N/L: HNO3-Lab filtered
CGJ: Clear Glass Jar CGB: Clear Glass Bottle AGJ: Amber Glass Jar AGB: Amber Glass Bottle PB: Poly Bottle S: Encore Sampler V: VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: Pr coleta 5/17/01 REVIEWED BY/DATE: Sarent 5-18-01

000004

BOE-C6-0122770

DEPENDABLE EXPRESS SERVICE, INC.

17064 Pepper Brook Way
Hacienda Heights, CA 91745
(626) 913-2273

NO 188750

Reg. ☐
Rush ☐
Exp. ☐

MESSENGER	24 HOUR SERVICE	DATE
Hodgin		07/07/10

CHARGE TO: STL

ADDRESS | SUITE #

AUTHORIZED BY | REF

PICK UP FROM: STL

STREET AND NUMBER: 17215 Gridley | SUITE #

CITY: Santa Ana | ZIP CODE

DELIVER TO: Tommy Jacks

STREET AND NUMBER: [illegible] Road C | SUITE #

CITY: [illegible] | ZIP CODE

RETURN: ☐ YES ☑ NO

P/U TIME	DEL. TIME	COMMODITY
2:30	4:00	
WAITING TIME MIN.	WEIGHT 6 LBS.	NO. PCS. 2

SPECIAL INSTRUCTIONS:

FOR OFFICE USE ONLY	
DEL. CHG.	
RETURN	
RUSH	
EXP.	
NIGHT OR HOLIDAY	
WAITING TIME	
EXTRA WEIGHT	
[illegible]	
CASH ADVANCE	
TOTAL	

RECEIVED BY (PLEASE SIGN LEGIBLY)
X [signature]

RETURN RECEIVED BY (PLEASE SIGN LEGIBLY)
X [signature]

Terms and Conditions Upon Which Pick-ups and Deliveries are made

Not responsible for loss or damage (A) Unless same is reported to us in writing within fifteen (15) days. Loss limited to $100.00 per shipment unless a higher value is declared by customer on front of this ticket at time pick-up or delivery is authorized, in which case extra rates may be charged by us for insuring the excess value. Losses adjusted on basis of invoice cost price less reasonable depreciation.

WHITE-OFFICE YELLOW-DRIVER PINK-CUSTOMER

EXECUTIVE SUMMARY - Detection Highlights

E1E170301

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PD_24_50 05/16/01 17:20 001				
1,1-Dichloroethene	98	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	4.3 J	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	2.4 J	5.0	ug/kg	SW846 8260B
Chloroform	1.6 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	7.0	5.0	ug/kg	SW846 8260B
Benzene	2.7 J	5.0	ug/kg	SW846 8260B
Trichloroethene	100	5.0	ug/kg	SW846 8260B
PD_24_60 05/16/01 17:35 002				
C6-C8	0.35 J	1.0	mg/kg	SW846 8015B
1,1-Dichloroethene	260	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	7.4	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	5.8	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	4.1 J	5.0	ug/kg	SW846 8260B
Chloroform	3.4 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	21	5.0	ug/kg	SW846 8260B
Benzene	4.3 J	5.0	ug/kg	SW846 8260B
Trichloroethene	160	5.0	ug/kg	SW846 8260B
15_10 05/17/01 09:00 003				
1,1-Dichloroethene	3.4 J	5.0	ug/kg	SW846 8260B
Trichloroethene	53	5.0	ug/kg	SW846 8260B
Tetrachloroethene	8.6	5.0	ug/kg	SW846 8260B
15_20 05/17/01 09:15 004				
Trichloroethene	43	5.0	ug/kg	SW846 8260B
Tetrachloroethene	5.8	5.0	ug/kg	SW846 8260B
15_25 05/17/01 09:25 005				
Trichloroethene	42	5.0	ug/kg	SW846 8260B
Tetrachloroethene	4.8 J	5.0	ug/kg	SW846 8260B
15_30 05/17/01 09:30 006				
1,1-Dichloroethene	4.4 J	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	2.4 J	5.0	ug/kg	SW846 8260B
Trichloroethene	150	5.0	ug/kg	SW846 8260B
Tetrachloroethene	13	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E1E170301

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
15_40 05/17/01 09:50 007				
Trichloroethene	26	5.0	ug/kg	SW846 8260B
15_50 05/17/01 10:00 008				
Trichloroethene	56	5.0	ug/kg	SW846 8260B
15_60 05/17/01 10:15 009				
C6-C8	0.33 J	1.0	mg/kg	SW846 8015B
Trichloroethene	330	25	ug/kg	SW846 8260B
2BB-36-11-10 05/17/01 12:00 010				
1,1-Dichloroethene	80	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	1.4 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	4.1 J	5.0	ug/kg	SW846 8260B
Trichloroethene	41	5.0	ug/kg	SW846 8260B
2BB-36-11-20 05/17/01 12:10 011				
C6-C8	0.16 J	1.0	mg/kg	SW846 8015B
1,1-Dichloroethene	77	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	3.9 J	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	3.4 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	8.0	5.0	ug/kg	SW846 8260B
Trichloroethene	78	5.0	ug/kg	SW846 8260B
2BB-36-11-25 05/17/01 12:15 012				
1,1-Dichloroethene	110	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	5.9	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	5.5	5.0	ug/kg	SW846 8260B
Chloroform	1.9 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	15	5.0	ug/kg	SW846 8260B
Trichloroethene	100	5.0	ug/kg	SW846 8260B
2BB-36-11-30 05/17/01 12:25 013				
1,1-Dichloroethene	140	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	2.5 J	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	9.7	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	9.5	5.0	ug/kg	SW846 8260B
Chloroform	3.1 J	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E1E170301

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
2BB-36-11-30 05/17/01 12:25 013				
1,1,1-Trichloroethane	34	5.0	ug/kg	SW846 8260B
Trichloroethene	130	5.0	ug/kg	SW846 8260B
2BB-36-11-40 05/17/01 12:35 014				
C6-C8	0.40 J	1.0	mg/kg	SW846 8015B
1,1-Dichloroethene	73	25	ug/kg	SW846 8260B
1,1-Dichloroethane	24 J	25	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	22 J	25	ug/kg	SW846 8260B
Chloroform	6.6 J	25	ug/kg	SW846 8260B
1,1,1-Trichloroethane	140	25	ug/kg	SW846 8260B
Trichloroethene	160	25	ug/kg	SW846 8260B
2BB-36-11-50 05/17/01 12:45 015				
C6-C8	0.94 J	1.0	mg/kg	SW846 8015B
1,1-Dichloroethane	18 J	25	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	17 J	25	ug/kg	SW846 8260B
2-Butanone	86 J	120	ug/kg	SW846 8260B
1,1,1-Trichloroethane	160	25	ug/kg	SW846 8260B
1,2-Dichloroethane	94	25	ug/kg	SW846 8260B
Trichloroethene	62	25	ug/kg	SW846 8260B
4-Methyl-2-pentanone	390	120	ug/kg	SW846 8260B
Toluene	33	25	ug/kg	SW846 8260B
1,1,2-Trichloroethane	45	25	ug/kg	SW846 8260B
2BB-36-11-60 05/17/01 12:55 016				
C6-C8	98	10	mg/kg	SW846 8015B
1,1-Dichloroethene	550 J	1000	ug/kg	SW846 8260B
Acetone	2800 J	5000	ug/kg	SW846 8260B
2-Butanone	240000	5000	ug/kg	SW846 8260B
1,1,1-Trichloroethane	5900	1000	ug/kg	SW846 8260B
Trichloroethene	1200	1000	ug/kg	SW846 8260B
4-Methyl-2-pentanone	100000	5000	ug/kg	SW846 8260B
Toluene	7100	1000	ug/kg	SW846 8260B
2BB-36-9-10 05/17/01 15:10 017				
1,1-Dichloroethane	1.5 J	5.0	ug/kg	SW846 8260B
Trichloroethene	18	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E1E170301

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
2BB-36-9-20 05/17/01 15:24 018				
1,1-Dichloroethene	100	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	13	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	4.9 J	5.0	ug/kg	SW846 8260B
2-Butanone	45	25	ug/kg	SW846 8260B
Chloroform	2.2 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	12	5.0	ug/kg	SW846 8260B
Trichloroethene	200	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	11 J	25	ug/kg	SW846 8260B
Toluene	2.2 J	5.0	ug/kg	SW846 8260B
2BB-36-9-25 05/17/01 15:30 019				
C6-C8	0.25 J	1.0	mg/kg	SW846 8015B
1,1-Dichloroethene	19	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	14	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	4.3 J	5.0	ug/kg	SW846 8260B
Chloroform	1.9 J	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	13 J	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	7.5	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	2.5 J	5.0	ug/kg	SW846 8260B
Trichloroethene	69	5.0	ug/kg	SW846 8260B
2BB-36-9-30 05/17/01 15:37 020				
C6-C8	0.41 J	1.0	mg/kg	SW846 8015B
1,1-Dichloroethane	4.2 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	1.2 J	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	4.7 J	5.0	ug/kg	SW846 8260B
Trichloroethene	16	5.0	ug/kg	SW846 8260B
2BB-36-9-40 05/17/01 15:47 021				
C6-C8	0.84 J	1.0	mg/kg	SW846 8015B
1,1-Dichloroethene	28	25	ug/kg	SW846 8260B
1,1-Dichloroethane	40	25	ug/kg	SW846 8260B
1,1,1-Trichloroethane	81	25	ug/kg	SW846 8260B
1,2-Dichloroethane	19 J	25	ug/kg	SW846 8260B
Trichloroethene	200	25	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E1E170301

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB 05/17/01 022				
Acetone	4.5 J	10	ug/L	SW846 8260B

METHODS SUMMARY

E1E170301

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
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
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

E1E170301

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
EDKCP	001	PD_24_50	05/16/01	17:20
EDKCQ	002	PD_24_60	05/16/01	17:35
EDKCR	003	15_10	05/17/01	09:00
EDKCT	004	15_20	05/17/01	09:15
EDKCV	005	15_25	05/17/01	09:25
EDKCW	006	15_30	05/17/01	09:30
EDKCX	007	15_40	05/17/01	09:50
EDKC0	008	15_50	05/17/01	10:00
EDKC1	009	15_60	05/17/01	10:15
EDKC2	010	2BB-36-11-10	05/17/01	12:00
EDKC3	011	2BB-36-11-20	05/17/01	12:10
EDKC4	012	2BB-36-11-25	05/17/01	12:15
EDKC5	013	2BB-36-11-30	05/17/01	12:25
EDKC6	014	2BB-36-11-40	05/17/01	12:35
EDKC7	015	2BB-36-11-50	05/17/01	12:45
EDKC8	016	2BB-36-11-60	05/17/01	12:55
EDKC9	017	2BB-36-9-10	05/17/01	15:10
EDKDA	018	2BB-36-9-20	05/17/01	15:24
EDKDC	019	2BB-36-9-25	05/17/01	15:30
EDKDD	020	2BB-36-9-30	05/17/01	15:37
EDKDE	021	2BB-36-9-40	05/17/01	15:47
EDKDF	022	TB	05/17/01	

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: PD_24_50

GC Semivolatiles

Lot-Sample #...:	E1E170301-001	**Work Order #...:**	EDKCP1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/16/01 17:20	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1138500	**Analysis Time..:**	18:23		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_24_50

GC Volatiles

Lot-Sample #...:	E1E170301-001	**Work Order #...:**	EDKCP1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/16/01 17:20	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	17:51		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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)	93	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_24_50

GC/MS Volatiles

Lot-Sample #...:	E1E170301-001	**Work Order #...:**	EDKCP1AA	**Matrix.....:**	SOLID
Date Sampled...:	05/16/01 17:20	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142147
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142291	**Analysis Time..:**	23:02		
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	**98**	**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	**4.3 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	**2.4 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	**1.6 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**7.0**	**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	**2.7 J**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**100**	**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_24_50

GC/MS Volatiles

Lot-Sample #...: E1E170301-001 **Work Order #...:** EDKCP1AA **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	93	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	98	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_24_60

GC Semivolatiles

Lot-Sample #...:	E1E170301-002	Work Order #...:	EDKCQ1AC	Matrix.....:	SOLID
Date Sampled...:	05/16/01 17:35	Date Received..:	05/17/01 18:00	MS Run #.....:	1138212
Prep Date.....:	05/18/01	Analysis Date..:	05/21/01		
Prep Batch #...:	1138500	Analysis Time..:	19:52		
Dilution Factor:	1				
Analyst ID.....:	356074	Instrument ID..:	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_24_60

GC Volatiles

Lot-Sample #...:	E1E170301-002	Work Order #...:	EDKCQ1AD	Matrix.....:	SOLID
Date Sampled...:	05/16/01 17:35	Date Received..:	05/17/01 18:00	MS Run #.....:	1142260
Prep Date.....:	05/18/01	Analysis Date..:	05/18/01		
Prep Batch #...:	1142429	Analysis Time..:	18:18		
Dilution Factor:	1				
Analyst ID.....:	001464	Instrument ID..:	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.35 J	1.0	mg/kg	0.10

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

NOTE(S):

J Estimated result. Result is less than RL.

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_24_60

GC/MS Volatiles

Lot-Sample #...: E1E170301-002 **Work Order #...:** EDKCQ1AA **Matrix.....:** SOLID
Date Sampled...: 05/16/01 17:35 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1143112
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143263 **Analysis Time..:** 12:34
Dilution Factor: 1
Analyst ID.....: 004648 **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	**260**	**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	**7.4**	**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	**5.8**	**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	**4.1 J**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**3.4 J**	**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	**4.3 J**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**160**	**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_24_60

GC/MS Volatiles

Lot-Sample #...: E1E170301-002 Work Order #...: EDKCQ1AA 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	101	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_10

GC Semivolatiles

Lot-Sample #...:	E1E170301-003	**Work Order #...:**	EDKCR1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:00	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1138500	**Analysis Time..:**	21:21		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_10

GC Volatiles

Lot-Sample #...:	E1E170301-003	**Work Order #...:**	EDKCR1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:00	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	18:44		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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)	92	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_10

GC/MS Volatiles

Lot-Sample #...:	E1E170301-003	**Work Order #...:**	EDKCR1AA	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:00	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142147
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142291	**Analysis Time..:**	00:02		
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	**3.4 J**	**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	**53**	**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: 15_10

GC/MS Volatiles

Lot-Sample #...: E1E170301-003 Work Order #...: EDKCR1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	**8.6**	**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	95	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
Toluene-d8	100	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_20

GC Semivolatiles

Lot-Sample #...:	E1E170301-004	**Work Order #...:**	EDKCT1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:15	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1138500	**Analysis Time..:**	21:51		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_20

GC Volatiles

Lot-Sample #...:	E1E170301-004	**Work Order #...:**	EDKCT1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:15	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	19:11		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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)	89	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_20

GC/MS Volatiles

Lot-Sample #...: E1E170301-004 **Work Order #...:** EDKCT1AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 09:15 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142147
Prep Date.....: 05/19/01 **Analysis Date..:** 05/19/01
Prep Batch #...: 1142291 **Analysis Time..:** 00:32
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	**43**	**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: 15_20

GC/MS Volatiles

Lot-Sample #...: E1E170301-004 Work Order #...: EDKCT1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	**5.8**	**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	95	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
Toluene-d8	99	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_25

GC Semivolatiles

Lot-Sample #...:	E1E170301-005	**Work Order #...:**	EDKCV1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:25	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1138500	**Analysis Time..:**	22:21		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_25

GC Volatiles

Lot-Sample #...:	E1E170301-005	**Work Order #...:**	EDKCV1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:25	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	19:38		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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: 15_25

GC/MS Volatiles

Lot-Sample #...: E1E170301-005 Work Order #...: EDKCV1AA Matrix.....: SOLID
Date Sampled...: 05/17/01 09:25 Date Received..: 05/17/01 18:00 MS Run #.....: 1142147
Prep Date.....: 05/19/01 Analysis Date..: 05/19/01
Prep Batch #...: 1142291 Analysis Time..: 02:03
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	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	**42**	**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: 15_25

GC/MS Volatiles

Lot-Sample #...: E1E170301-005 **Work Order #...:** EDKCV1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	**4.8 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	95	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
Toluene-d8	98	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_30

GC Semivolatiles

Lot-Sample #...:	E1E170301-006	Work Order #...:	EDKCW1AC	Matrix.....:	SOLID
Date Sampled...:	05/17/01 09:30	Date Received..:	05/17/01 18:00	MS Run #.....:	1138212
Prep Date.....:	05/18/01	Analysis Date..:	05/21/01		
Prep Batch #...:	1138500	Analysis Time..:	22:51		
Dilution Factor:	1				
Analyst ID.....:	356074	Instrument ID..:	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_30

GC Volatiles

Lot-Sample #...:	E1E170301-006	**Work Order #...:**	EDKCW1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:30	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	20:04		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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: 15_30

GC/MS Volatiles

Lot-Sample #...:	E1E170301-006	**Work Order #...:**	EDKCW1AA	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:30	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142147
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142291	**Analysis Time..:**	02:34		
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	**4.4 J**	**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	**2.4 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	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	**150**	**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: 15_30

GC/MS Volatiles

Lot-Sample #...: E1E170301-006 Work Order #...: EDKCW1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	**13**	**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	94	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_40

GC Semivolatiles

Lot-Sample #...:	E1E170301-007	**Work Order #...:**	EDKCX1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:50	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1138500	**Analysis Time..:**	23:21		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_40

GC Volatiles

Lot-Sample #...:	E1E170301-007	**Work Order #...:**	EDKCX1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 09:50	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	20:31		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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)	89	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_40

GC/MS Volatiles

Lot-Sample #...:	E1E170301-007	Work Order #...:	EDKCX1AA	Matrix.....:	SOLID
Date Sampled...:	05/17/01 09:50	Date Received..:	05/17/01 18:00	MS Run #.....:	1142147
Prep Date.....:	05/19/01	Analysis Date..:	05/19/01		
Prep Batch #...:	1142291	Analysis Time..:	03:04		
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	**26**	**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: 15_40

GC/MS Volatiles

Lot-Sample #...: E1E170301-007 **Work Order #...:** EDKCX1AA **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	96	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	99	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_50

GC Semivolatiles

Lot-Sample #...:	E1E170301-008	**Work Order #...:**	EDKC01AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 10:00	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1138500	**Analysis Time..:**	23:51		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_50

GC Volatiles

Lot-Sample #...:	E1E170301-008	**Work Order #...:**	EDKC01AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 10:00	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	20:57		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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: 15_50

GC/MS Volatiles

Lot-Sample #...:	E1E170301-008	**Work Order #...:**	EDKC01AA	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 10:00	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1143112
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143263	**Analysis Time..:**	13:07		
Dilution Factor:	1				
Analyst ID.....:	004648	**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	**56**	**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: 15_50

GC/MS Volatiles

Lot-Sample #...: E1E170301-008 Work Order #...: EDKC01AA 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	104	(60 - 140)
Toluene-d8	103	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_60

GC Semivolatiles

Lot-Sample #...:	E1E170301-009	**Work Order #...:**	EDKC11AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 10:15	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1138500	**Analysis Time..:**	00:20		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	71	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_60

GC Volatiles

Lot-Sample #...:	E1E170301-009	Work Order #...:	EDKC11AD	Matrix.....:	SOLID
Date Sampled...:	05/17/01 10:15	Date Received..:	05/17/01 18:00	MS Run #.....:	1142260
Prep Date.....:	05/18/01	Analysis Date..:	05/18/01		
Prep Batch #...:	1142429	Analysis Time..:	21:24		
Dilution Factor:	1				
Analyst ID.....:	001464	Instrument ID..:	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.33 J	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	96	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 15_60

GC/MS Volatiles

Lot-Sample #...: E1E170301-009 **Work Order #...:** EDKC11AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 10:15 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142191
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142341 **Analysis Time..:** 16:46
Dilution Factor: 5
Analyst ID.....: 004648 **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	ND	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	**330**	**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: 15_60

GC/MS Volatiles

Lot-Sample #...: E1E170301-009 Work Order #...: EDKC11AA 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	95	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	99	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-10

GC Semivolatiles

Lot-Sample #...:	E1E170301-010	**Work Order #...:**	EDKC21AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:00	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1138500	**Analysis Time..:**	00:50		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	69	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-10

GC Volatiles

Lot-Sample #...:	E1E170301-010	**Work Order #...:**	EDKC21AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:00	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	21:51		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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: 2BB-36-11-10

GC/MS Volatiles

Lot-Sample #...: E1E170301-010 **Work Order #...:** EDKC21AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:00 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142147
Prep Date.....: 05/19/01 **Analysis Date..:** 05/19/01
Prep Batch #...: 1142291 **Analysis Time..:** 04:35
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	**80**	**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	**1.4 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	**4.1 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	**41**	**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: 2BB-36-11-10

GC/MS Volatiles

Lot-Sample #...: E1E170301-010 Work Order #...: EDKC21AA 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	95	(70 - 130)
1,2-Dichloroethane-d4	100	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-20

GC Semivolatiles

Lot-Sample #...:	E1E170301-011	**Work Order #...:**	EDKC31AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:10	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1138500	**Analysis Time..:**	01:20		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-20

GC Volatiles

Lot-Sample #...:	E1E170301-011	**Work Order #...:**	EDKC31AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:10	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	22:51		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

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

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

NOTE(S):

J Estimated result. Result is less than RL.

Unknown hydrocarbon pattern.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-20

GC/MS Volatiles

Lot-Sample #...: E1E170301-011 **Work Order #...:** EDKC31AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:10 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142147
Prep Date.....: 05/19/01 **Analysis Date..:** 05/19/01
Prep Batch #...: 1142291 **Analysis Time..:** 05:05
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	**77**	**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	**3.9 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	**3.4 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	**8.0**	**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	**78**	**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: 2BB-36-11-20

GC/MS Volatiles

Lot-Sample #...: E1E170301-011 Work Order #...: EDKC31AA 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	96	(70 - 130)
1,2-Dichloroethane-d4	99	(60 - 140)
Toluene-d8	97	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-25

GC Semivolatiles

Lot-Sample #...:	E1E170301-012	**Work Order #...:**	EDKC41AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:15	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1138500	**Analysis Time..:**	01:50		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-25

GC Volatiles

Lot-Sample #...:	E1E170301-012	**Work Order #...:**	EDKC41AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:15	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	23:18		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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: 2BB-36-11-25

GC/MS Volatiles

Lot-Sample #...: E1E170301-012 **Work Order #...:** EDKC41AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:15 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142147
Prep Date.....: 05/19/01 **Analysis Date..:** 05/19/01
Prep Batch #...: 1142291 **Analysis Time..:** 05:35
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	**110**	**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	**5.9**	**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	**5.5**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**1.9 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**15**	**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	**100**	**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: 2BB-36-11-25

GC/MS Volatiles

Lot-Sample #...: E1E170301-012 **Work Order #...:** EDKC41AA **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	95	(70 - 130)
1,2-Dichloroethane-d4	99	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-30

GC Semivolatiles

Lot-Sample #...:	E1E170301-013	**Work Order #...:**	EDKC51AC	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:25	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1138500	**Analysis Time..:**	15:27		
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	72	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-30

GC Volatiles

Lot-Sample #...:	E1E170301-013	**Work Order #...:**	EDKC51AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:25	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/18/01	**Analysis Date..:**	05/18/01		
Prep Batch #...:	1142429	**Analysis Time..:**	23:45		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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)	90	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-30

GC/MS Volatiles

Lot-Sample #...: E1E170301-013 **Work Order #...:** EDKC51AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:25 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142147
Prep Date.....: 05/19/01 **Analysis Date..:** 05/19/01
Prep Batch #...: 1142291 **Analysis Time..:** 06:05
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	**140**	**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	**2.5 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	**9.7**	**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	**9.5**	**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	**34**	**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	**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: 2BB-36-11-30

GC/MS Volatiles

Lot-Sample #...: E1E170301-013 **Work Order #...:** EDKC51AA **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	98	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
Toluene-d8	101	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-40

GC Semivolatiles

Lot-Sample #...: E1E170301-014 **Work Order #...:** EDKC61AC **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:35 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1138212
Prep Date.....: 05/18/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1138500 **Analysis Time..:** 16:06
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	75	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-40

GC Volatiles

Lot-Sample #...:	E1E170301-014	**Work Order #...:**	EDKC61AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:35	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142429	**Analysis Time..:**	00:11		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.40 J**	**1.0**	**mg/kg**	**0.10**

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

NOTE(S):

J Estimated result. Result is less than RL.

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-40

GC/MS Volatiles

Lot-Sample #...: E1E170301-014 **Work Order #...:** EDKC61AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:35 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142191
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142341 **Analysis Time..:** 17:16
Dilution Factor: 5
Analyst ID.....: 004648 **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	**73**	**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	**24 J**	**25**	**ug/kg**	**5.0**
Vinyl acetate	ND	50	ug/kg	25
2,2-Dichloropropane	ND	25	ug/kg	10
cis-1,2-Dichloroethene	**22 J**	**25**	**ug/kg**	**10**
2-Butanone	ND	120	ug/kg	75
Bromochloromethane	ND	25	ug/kg	5.0
Chloroform	**6.6 J**	**25**	**ug/kg**	**5.0**
Tetrahydrofuran	ND	100	ug/kg	50
1,1,1-Trichloroethane	**140**	**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	**160**	**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: 2BB-36-11-40

GC/MS Volatiles

Lot-Sample #...: E1E170301-014 **Work Order #...:** EDKC61AA **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	95	(70 - 130)
1,2-Dichloroethane-d4	103	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-50

GC Semivolatiles

Lot-Sample #...: E1E170301-015 **Work Order #...:** EDKC71AC **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:45 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1138212
Prep Date.....: 05/18/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1138500 **Analysis Time..:** 16:45
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	74	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-50

GC Volatiles

Lot-Sample #...:	E1E170301-015	**Work Order #...:**	EDKC71AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:45	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142429	**Analysis Time..:**	00:38		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.94 J**	**1.0**	**mg/kg**	**0.10**

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

NOTE(S):

J Estimated result. Result is less than RL.

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-50

GC/MS Volatiles

Lot-Sample #...: E1E170301-015 **Work Order #...:** EDKC71AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:45 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142191
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142341 **Analysis Time..:** 17:47
Dilution Factor: 5
Analyst ID.....: 004648 **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	ND	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	**18 J**	**25**	**ug/kg**	**5.0**
Vinyl acetate	ND	50	ug/kg	25
2,2-Dichloropropane	ND	25	ug/kg	10
cis-1,2-Dichloroethene	**17 J**	**25**	**ug/kg**	**10**
2-Butanone	**86 J**	**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	**160**	**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	**94**	**25**	**ug/kg**	**5.0**
Trichloroethene	**62**	**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	**390**	**120**	**ug/kg**	**50**
Toluene	**33**	**25**	**ug/kg**	**10**
trans-1,3-Dichloropropene	ND	25	ug/kg	15
1,1,2-Trichloroethane	**45**	**25**	**ug/kg**	**15**

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-50

GC/MS Volatiles

Lot-Sample #...: E1E170301-015 **Work Order #...:** EDKC71AA **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	94	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	97	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-60

GC Semivolatiles

Lot-Sample #...: E1E170301-016 **Work Order #...:** EDKC81AC **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:55 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1138212
Prep Date.....: 05/18/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1138500 **Analysis Time..:** 17:24
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: 2BB-36-11-60

GC Volatiles

Lot-Sample #...:	E1E170301-016	**Work Order #...:**	EDKC81AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 12:55	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143469	**Analysis Time..:**	15:43		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**98**	**10**	**mg/kg**	**6.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	119	(60 - 130)

NOTE(S):

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-60

GC/MS Volatiles

Lot-Sample #...: E1E170301-016 **Work Order #...:** EDKC81AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 12:55 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142285
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142472 **Analysis Time..:** 15:23
Dilution Factor: 4
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	2000	ug/kg	680
Chloromethane	ND	2000	ug/kg	800
Vinyl chloride	ND	2000	ug/kg	600
Bromomethane	ND	2000	ug/kg	1000
Chloroethane	ND	2000	ug/kg	1000
Trichlorofluoromethane	ND	2000	ug/kg	280
Acrolein	ND	20000	ug/kg	8000
1,1-Dichloroethene	**550 J**	**1000**	**ug/kg**	**480**
Iodomethane	ND	2000	ug/kg	1000
Acetone	**2800 J**	**5000**	**ug/kg**	**1600**
Carbon disulfide	ND	1000	ug/kg	400
Methylene chloride	ND	1000	ug/kg	200
trans-1,2-Dichloroethene	ND	1000	ug/kg	480
Acrylonitrile	ND	10000	ug/kg	8000
Methyl tert-butyl ether	ND	1000	ug/kg	400
1,1-Dichloroethane	ND	1000	ug/kg	400
Vinyl acetate	ND	2000	ug/kg	1000
2,2-Dichloropropane	ND	1000	ug/kg	240
cis-1,2-Dichloroethene	ND	1000	ug/kg	400
2-Butanone	**240000**	**5000**	**ug/kg**	**2000**
Bromochloromethane	ND	1000	ug/kg	300
Chloroform	ND	1000	ug/kg	280
Tetrahydrofuran	ND	4000	ug/kg	2000
1,1,1-Trichloroethane	**5900**	**1000**	**ug/kg**	**280**
1,1-Dichloropropene	ND	1000	ug/kg	400
Carbon tetrachloride	ND	1000	ug/kg	240
Benzene	ND	1000	ug/kg	400
1,2-Dichloroethane	ND	1000	ug/kg	280
Trichloroethene	**1200**	**1000**	**ug/kg**	**240**
1,2-Dichloropropane	ND	1000	ug/kg	400
Bromodichloromethane	ND	1000	ug/kg	400
2-Chloroethyl vinyl ether	ND	2000	ug/kg	1000
cis-1,3-Dichloropropene	ND	1000	ug/kg	400
4-Methyl-2-pentanone	**100000**	**5000**	**ug/kg**	**1600**
Toluene	**7100**	**1000**	**ug/kg**	**240**
trans-1,3-Dichloropropene	ND	1000	ug/kg	280
1,1,2-Trichloroethane	ND	1000	ug/kg	400

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-11-60

GC/MS Volatiles

Lot-Sample #...: E1E170301-016 **Work Order #...:** EDKC81AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	1000	ug/kg	320
2-Hexanone	ND	5000	ug/kg	1200
Dibromochloromethane	ND	1000	ug/kg	400
1,2-Dibromoethane	ND	1000	ug/kg	280
Chlorobenzene	ND	1000	ug/kg	400
Ethylbenzene	ND	1000	ug/kg	280
Xylenes (total)	ND	1000	ug/kg	680
Styrene	ND	2000	ug/kg	400
Bromoform	ND	1000	ug/kg	400
Isopropylbenzene	ND	1000	ug/kg	480
p-Isopropyltoluene	ND	1000	ug/kg	280
Bromobenzene	ND	1000	ug/kg	280
1,1,1,2-Tetrachloroethane	ND	1000	ug/kg	200
1,1,2,2-Tetrachloroethane	ND	1000	ug/kg	400
1,2,3-Trichloropropane	ND	1000	ug/kg	440
n-Propylbenzene	ND	1000	ug/kg	440
2-Chlorotoluene	ND	1000	ug/kg	280
4-Chlorotoluene	ND	1000	ug/kg	280
1,3,5-Trimethylbenzene	ND	1000	ug/kg	480
tert-Butylbenzene	ND	1000	ug/kg	280
1,2,4-Trimethylbenzene	ND	1000	ug/kg	280
sec-Butylbenzene	ND	1000	ug/kg	280
1,3-Dichlorobenzene	ND	1000	ug/kg	280
1,4-Dichlorobenzene	ND	1000	ug/kg	400
1,2-Dichlorobenzene	ND	1000	ug/kg	400
n-Butylbenzene	ND	1000	ug/kg	280
1,2-Dibromo-3-chloro-propane	ND	2000	ug/kg	600
1,2,4-Trichloro-benzene	ND	1000	ug/kg	280
Hexachlorobutadiene	ND	1000	ug/kg	280
1,2,3-Trichlorobenzene	ND	1000	ug/kg	280

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(60 - 140)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	99	(60 - 140)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-10

GC Semivolatiles

Lot-Sample #...: E1E170301-017 **Work Order #...:** EDKC91AC **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:10 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1138214
Prep Date.....: 05/18/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1138501 **Analysis Time..:** 20:39
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	88	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-10

GC Volatiles

Lot-Sample #...:	E1E170301-017	**Work Order #...:**	EDKC91AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 15:10	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	17:07		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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: 2BB-36-9-10

GC/MS Volatiles

Lot-Sample #...: E1E170301-017 **Work Order #...:** EDKC91AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:10 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142191
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142341 **Analysis Time..:** 18:17
Dilution Factor: 1
Analyst ID.....: 004648 **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	**1.5 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	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	**18**	**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: 2BB-36-9-10

GC/MS Volatiles

Lot-Sample #...: E1E170301-017 **Work Order #...:** EDKC91AA **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	93	(70 - 130)
1,2-Dichloroethane-d4	106	(60 - 140)
Toluene-d8	96	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-20

GC Semivolatiles

Lot-Sample #...: E1E170301-018 **Work Order #...:** EDKDA1AC **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:24 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1138214
Prep Date.....: 05/18/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1138501 **Analysis Time..:** 23:54
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	84	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-20

GC Volatiles

Lot-Sample #...:	E1E170301-018	**Work Order #...:**	EDKDA1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 15:24	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	17:34		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		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)	94	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-20

GC/MS Volatiles

Lot-Sample #...: E1E170301-018 **Work Order #...:** EDKDA1AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:24 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1142147
Prep Date.....: 05/19/01 **Analysis Date..:** 05/19/01
Prep Batch #...: 1142291 **Analysis Time..:** 08:37
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	**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	**13**	**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	**4.9 J**	**5.0**	**ug/kg**	**2.0**
2-Butanone	**45**	**25**	**ug/kg**	**15**
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**2.2 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**12**	**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	**200**	**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	**11 J**	**25**	**ug/kg**	**10**
Toluene	**2.2 J**	**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: 2BB-36-9-20

GC/MS Volatiles

Lot-Sample #...: E1E170301-018 **Work Order #...:** EDKDA1AA **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	93	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-25

GC Semivolatiles

Lot-Sample #...: E1E170301-019 **Work Order #...:** EDKDC1AC **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:30 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1138214
Prep Date.....: 05/18/01 **Analysis Date..:** 05/25/01
Prep Batch #...: 1138501 **Analysis Time..:** 00:33
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	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-25

GC Volatiles

Lot-Sample #...:	E1E170301-019	**Work Order #...:**	EDKDC1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 15:30	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142429	**Analysis Time..:**	02:24		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

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

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

NOTE(S):

J Estimated result. Result is less than RL.

Unknown hydrocarbon pattern.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-25

GC/MS Volatiles

Lot-Sample #...: E1E170301-019 **Work Order #...:** EDKDC1AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:30 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1144093
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144217 **Analysis Time..:** 12:23
Dilution Factor: 1
Analyst ID.....: 004648 **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	**19**	**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	**14**	**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	**4.3 J**	**5.0**	**ug/kg**	**2.0**
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**1.9 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	**13 J**	**20**	**ug/kg**	**10**
1,1,1-Trichloroethane	**7.5**	**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	**2.5 J**	**5.0**	**ug/kg**	**1.0**
Trichloroethene	**69**	**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: 2BB-36-9-25

GC/MS Volatiles

Lot-Sample #...: E1E170301-019 **Work Order #...:** EDKDC1AA **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	102	(60 - 140)
Toluene-d8	101	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-30

GC Semivolatiles

Lot-Sample #...: E1E170301-020 **Work Order #...:** EDKDD1AC **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:37 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1138214
Prep Date.....: 05/18/01 **Analysis Date..:** 05/25/01
Prep Batch #...: 1138501 **Analysis Time..:** 01:11
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	85	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-30

GC Volatiles

Lot-Sample #...:	E1E170301-020	**Work Order #...:**	EDKDD1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 15:37	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142429	**Analysis Time..:**	02:51		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.41 J**	**1.0**	**mg/kg**	**0.10**

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

NOTE(S):

J Estimated result. Result is less than RL.

Unknown hydrocarbon pattern.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-30

GC/MS Volatiles

Lot-Sample #...: E1E170301-020 **Work Order #...:** EDKDD1AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:37 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1144093
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144217 **Analysis Time..:** 12:56
Dilution Factor: 1
Analyst ID.....: 004648 **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	**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	**1.2 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	**4.7 J**	**5.0**	**ug/kg**	**1.0**
Trichloroethene	**16**	**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: 2BB-36-9-30

GC/MS Volatiles

Lot-Sample #...: E1E170301-020 **Work Order #...:** EDKDD1AA **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	117	(70 - 130)
1,2-Dichloroethane-d4	110	(60 - 140)
Toluene-d8	106	(70 - 130)

NOTE(S):

] Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-40

GC Semivolatiles

Lot-Sample #...: E1E170301-021 **Work Order #...:** EDKDE1AC **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:47 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1138214
Prep Date.....: 05/18/01 **Analysis Date..:** 05/25/01
Prep Batch #...: 1138501 **Analysis Time..:** 01:50
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	86	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-40

GC Volatiles

Lot-Sample #...:	E1E170301-021	**Work Order #...:**	EDKDE1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/17/01 15:47	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1141292
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1141542	**Analysis Time..:**	06:23		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.84 J**	**1.0**	**mg/kg**	**0.10**

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

NOTE(S):

J Estimated result. Result is less than RL.

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 2BB-36-9-40

GC/MS Volatiles

Lot-Sample #...: E1E170301-021 **Work Order #...:** EDKDE1AA **Matrix.....:** SOLID
Date Sampled...: 05/17/01 15:47 **Date Received..:** 05/17/01 18:00 **MS Run #.....:** 1143112
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143263 **Analysis Time..:** 14:45
Dilution Factor: 5
Analyst ID.....: 004648 **Instrument ID..:** MSG
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	**28**	**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	**40**	**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	**81**	**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	**19 J**	**25**	**ug/kg**	**5.0**
Trichloroethene	**200**	**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: 2BB-36-9-40

GC/MS Volatiles

Lot-Sample #...: E1E170301-021 **Work Order #...:** EDKDE1AA **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	103	(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: TB

GC/MS Volatiles

Lot-Sample #...: E1E170301-022
Date Sampled...: 05/17/01
Prep Date.....: 05/18/01
Prep Batch #...: 1141559
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: EDKDF1AA
Date Received..: 05/17/01 18:00
Analysis Date..: 05/18/01
Analysis Time..: 21:49

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

Matrix.....: WATER
MS Run #.....: 1141306

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**4.5 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: TB

GC/MS Volatiles

Lot-Sample #...: E1E170301-022 **Work Order #...:** EDKDF1AA **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	93	(75 - 120)
1,2-Dichloroethane-d4	93	(65 - 130)
Toluene-d8	108	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E1E170301

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
002	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1143263	1143112
003	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
004	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
005	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
006	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
007	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
008	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1143263	1143112
009	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142341	1142191
010	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
011	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

E1E170301

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
013	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142291	1142147
014	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142341	1142191
015	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1142341	1142191
016	SOLID	SW846 8015B		1138500	1138212
	SOLID	SW846 8015B		1143469	
	SOLID	SW846 8260B		1142472	1142285
017	SOLID	SW846 8015B		1138501	1138214
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1142341	1142191
018	SOLID	SW846 8015B		1138501	1138214
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1142291	1142147
019	SOLID	SW846 8015B		1138501	1138214
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1144217	1144093
020	SOLID	SW846 8015B		1138501	1138214
	SOLID	SW846 8015B		1142429	1142260
	SOLID	SW846 8260B		1144217	1144093
021	SOLID	SW846 8015B		1138501	1138214
	SOLID	SW846 8015B		1141542	1141292
	SOLID	SW846 8260B		1143263	1143112
022	WATER	SW846 8260B		1141559	1141306

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1E170301
MB Lot-Sample #: E1E180000-500

Analysis Date..: 05/21/01
Dilution Factor: 1

Work Order #...: EDMEV1AA

Prep Date.....: 05/18/01
Prep Batch #...: 1138500

Analyst ID.....: 356074

Matrix.....: SOLID

Analysis Time..: 14:55
Instrument ID..: G01

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

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

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1E170301
MB Lot-Sample #: E1E180000-501

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

Work Order #...: EDMEX1AA

Prep Date.....: 05/18/01
Prep Batch #...: 1138501

Analyst ID.....: 356074

Matrix.....: SOLID

Analysis Time..: 19:21
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 #...: E1E170301
MB Lot-Sample #: E1E210000-542

Analysis Date..: 05/19/01
Dilution Factor: 1

Work Order #...: EDN7D1AA

Prep Date.....: 05/19/01
Prep Batch #...: 1141542

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 05:57
Instrument ID..: G15

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 #...: E1E170301
MB Lot-Sample #: E1E210000-559

Analysis Date..: 05/18/01
Dilution Factor: 1

Work Order #...: EDN981AA

Prep Date.....: 05/18/01
Prep Batch #...: 1141559

Analyst ID.....: 015590

Matrix.....: WATER

Analysis Time..: 20:49
Instrument ID..: MSC

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 #...: E1E170301 **Work Order #...:** EDN981AA **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	91	(75 - 120)
1,2-Dichloroethane-d4	91	(65 - 130)
Toluene-d8	104	(80 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E170301
MB Lot-Sample #: E1E220000-291

Analysis Date..: 05/18/01
Dilution Factor: 1

Work Order #...: EDP4T1AA

Prep Date.....: 05/18/01
Prep Batch #...: 1142291

Analyst ID.....: 015590

Matrix.....: SOLID

Analysis Time..: 22:31
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 #...: E1E170301 **Work Order #...:** EDP4T1AA **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	93	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	97	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E170301
MB Lot-Sample #: E1E220000-341

Analysis Date..: 05/21/01
Dilution Factor: 1

Work Order #...: EDQGR1AA

Prep Date.....: 05/21/01
Prep Batch #...: 1142341

Analyst ID.....: 004648

Matrix.....: SOLID

Analysis Time..: 11:02
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 #...: E1E170301 **Work Order #...:** EDQGR1AA **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	91	(70 - 130)
1,2-Dichloroethane-d4	98	(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

GC Volatiles

Client Lot #...: E1E170301
MB Lot-Sample #: E1E220000-429

Analysis Date..: 05/18/01
Dilution Factor: 1

Work Order #...: EDQ381AA

Prep Date.....: 05/18/01
Prep Batch #...: 1142429

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 17:22
Instrument ID..: G15

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)	84	(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 #...: E1E170301
MB Lot-Sample #: E1E220000-472

Analysis Date..: 05/21/01
Dilution Factor: 1

Work Order #...: EDQ771AA

Prep Date.....: 05/21/01
Prep Batch #...: 1142472

Analyst ID.....: 015590

Matrix.....: SOLID

Analysis Time..: 14:50
Instrument ID..: MSG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	500	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
Vinyl chloride	ND	500	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	500	ug/kg	SW846 8260B
Acrolein	ND	5000	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
Iodomethane	ND	500	ug/kg	SW846 8260B
Acetone	ND	1200	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
Acrylonitrile	ND	2500	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
Vinyl acetate	ND	500	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	1200	ug/kg	SW846 8260B
Bromochloromethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Tetrahydrofuran	ND	1000	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	500	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1200	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1200	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDQ771AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	250	ug/kg	SW846 8260B
Styrene	ND	500	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	250	ug/kg	SW846 8260B
Bromobenzene	ND	250	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	250	ug/kg	SW846 8260B
n-Propylbenzene	ND	250	ug/kg	SW846 8260B
2-Chlorotoluene	ND	250	ug/kg	SW846 8260B
4-Chlorotoluene	ND	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
tert-Butylbenzene	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
sec-Butylbenzene	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	500	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	250	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(60 - 140)
1,2-Dichloroethane-d4	110	(60 - 140)
Toluene-d8	95	(60 - 140)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDR3E1AA **Matrix.....:** SOLID
MB Lot-Sample #: E1E230000-263

Prep Date.....: 05/22/01 **Analysis Time..:** 10:42
Analysis Date..: 05/22/01 **Prep Batch #...:** 1143263 **Instrument ID..:** MSG
Dilution Factor: 1

Analyst ID.....: 004648

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 #...: E1E170301 **Work Order #...:** EDR3E1AA **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	116	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	108	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1E170301
MB Lot-Sample #: E1E230000-297

Analysis Date..: 05/21/01
Dilution Factor: 1

Work Order #...: EDR871AA

Prep Date.....: 05/21/01
Prep Batch #...: 1143297

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 16:37
Instrument ID..: G15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	**0.11 J**	**1.0**	**mg/kg**	**SW846 8015B**

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

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1E170301
MB Lot-Sample #: E1E230000-469

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

Work Order #...: EDT1N1AA

Prep Date.....: 05/22/01
Prep Batch #...: 1143469

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 15:15
Instrument ID..: G16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	95	(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 #...: E1E170301
MB Lot-Sample #: E1E240000-217

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

Work Order #...: EDV2L1AA

Prep Date.....: 05/23/01
Prep Batch #...: 1144217

Analyst ID.....: 004648

Matrix.....: SOLID

Analysis Time..: 11:07
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 #...: E1E170301 **Work Order #...:** EDV2L1AA **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	117	(70 - 130)
1,2-Dichloroethane-d4	106	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E230000-469
Prep Date.....: 05/22/01
Prep Batch #...: 1143469
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: EDT1N1AC-LCS
EDT1N1AD-LCSD
Analysis Date..: 05/22/01
Analysis Time..: 14:18
Instrument ID..: G16

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**50.0**	**56.0**	**mg/kg**	**112**		**SW846 8015B**
	50.0	**54.7**	**mg/kg**	**109**	**2.5**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene **(TFT)**	121	(60 - 130)
	118	(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 #...: E1E170301
LCS Lot-Sample#: E1E230000-469
Prep Date.....: 05/22/01
Prep Batch #...: 1143469
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: EDT1N1AC-LCS
EDT1N1AD-LCSD
Analysis Date..: 05/22/01
Analysis Time..: 14:18
Instrument ID..: G16

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**112**	**(80 - 140)**			**SW846 8015B**
	109	**(80 - 140)**	**2.5**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene **(TFT)**	121	(60 - 130)
	118	(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 #...: E1E170301
LCS Lot-Sample#: E1E180000-500
Prep Date.....: 05/18/01
Prep Batch #...: 1138500
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: EDMEV1AC
Analysis Date..: 05/21/01
Analysis Time..: 15:24
Instrument ID..: G01

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**169**	**mg/kg**	**68**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	74	(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 #...: E1E170301
LCS Lot-Sample#: E1E180000-501
Prep Date.....: 05/18/01
Prep Batch #...: 1138501
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: EDMEX1AC
Analysis Date..: 05/24/01
Analysis Time..: 20:00
Instrument ID..: G02

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**198**	**mg/kg**	**79**	**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.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E210000-542
Prep Date.....: 05/19/01
Prep Batch #...: 1141542
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: EDN7D1AC
Analysis Date..: 05/19/01
Analysis Time..: 05:04
Instrument ID..: G15

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.99**	**mg/kg**	**120**	**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/MS Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E210000-559
Prep Date.....: 05/18/01
Prep Batch #...: 1141559
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: EDN981AC
Analysis Date..: 05/18/01
Analysis Time..: 20:19
Instrument ID..: MSC

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Toluene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Trichloroethene	**10.0**	**11.0**	**ug/L**	**110**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 120)
1,2-Dichloroethane-d4	91	(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/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDP4T1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E220000-291
Prep Date.....: 05/18/01 **Analysis Date..:** 05/18/01
Prep Batch #...: 1142291 **Analysis Time..:** 22:01
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**48.5**	**ug/kg**	**97**	**SW846 8260B**
Benzene	**50.0**	**48.6**	**ug/kg**	**97**	**SW846 8260B**
Trichloroethene	**50.0**	**55.7**	**ug/kg**	**111**	**SW846 8260B**
Toluene	**50.0**	**47.9**	**ug/kg**	**96**	**SW846 8260B**
Chlorobenzene	**50.0**	**49.6**	**ug/kg**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	97	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E220000-341
Prep Date.....: 05/21/01
Prep Batch #...: 1142341
Dilution Factor: 1
Analyst ID.....: 004648

Work Order #...: EDQGR1AC
Analysis Date..: 05/21/01
Analysis Time..: 10:02
Instrument ID..: MSD

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**50.5**	**ug/kg**	**101**	**SW846 8260B**
Benzene	**50.0**	**47.0**	**ug/kg**	**94**	**SW846 8260B**
Trichloroethene	**50.0**	**54.3**	**ug/kg**	**109**	**SW846 8260B**
Toluene	**50.0**	**44.4**	**ug/kg**	**89**	**SW846 8260B**
Chlorobenzene	**50.0**	**46.0**	**ug/kg**	**92**	**SW846 8260B**

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

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E220000-429
Prep Date.....: 05/18/01
Prep Batch #...: 1142429
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: EDQ381AC
Analysis Date..: 05/18/01
Analysis Time..: 16:55
Instrument ID..: G15

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.41**	**mg/kg**	**108**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(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 #...: E1E170301
LCS Lot-Sample#: E1E220000-472
Prep Date.....: 05/21/01
Prep Batch #...: 1142472
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: EDQ771AC
Analysis Date..: 05/21/01
Analysis Time..: 13:45
Instrument ID..: MSG

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**2500**	**3220**	**ug/kg**	**129**	**SW846 8260B**
Benzene	**2500**	**2780**	**ug/kg**	**111**	**SW846 8260B**
Trichloroethene	**2500**	**2900**	**ug/kg**	**116**	**SW846 8260B**
Toluene	**2500**	**2360**	**ug/kg**	**94**	**SW846 8260B**
Chlorobenzene	**2500**	**2440**	**ug/kg**	**97**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(60 - 140)
1,2-Dichloroethane-d4	117	(60 - 140)
Toluene-d8	105	(60 - 140)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDR3E1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-263
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143263 **Analysis Time..:** 10:09
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**47.4**	**ug/kg**	**95**	**SW846 8260B**
Benzene	**50.0**	**40.9**	**ug/kg**	**82**	**SW846 8260B**
Trichloroethene	**50.0**	**43.5**	**ug/kg**	**87**	**SW846 8260B**
Toluene	**50.0**	**37.2**	**ug/kg**	**74**	**SW846 8260B**
Chlorobenzene	**50.0**	**38.9**	**ug/kg**	**78**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	89	(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 Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E230000-297
Prep Date.....: 05/21/01
Prep Batch #...: 1143297
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: EDR871AC
Analysis Date..: 05/21/01
Analysis Time..: 16:11
Instrument ID..: G15

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.04**	**mg/kg**	**101**	**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/MS Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E240000-217
Prep Date.....: 05/23/01
Prep Batch #...: 1144217
Dilution Factor: 1
Analyst ID.....: 004648

Work Order #...: EDV2L1AC
Analysis Date..: 05/23/01
Analysis Time..: 10:34
Instrument ID..: MSG

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**55.2**	**ug/kg**	**110**	**SW846 8260B**
Benzene	**50.0**	**50.2**	**ug/kg**	**100**	**SW846 8260B**
Trichloroethene	**50.0**	**52.2**	**ug/kg**	**104**	**SW846 8260B**
Toluene	**50.0**	**44.8**	**ug/kg**	**90**	**SW846 8260B**
Chlorobenzene	**50.0**	**47.1**	**ug/kg**	**94**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	117	(70 - 130)
1,2-Dichloroethane-d4	109	(60 - 140)
Toluene-d8	101	(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 Semivolatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E180000-500
Prep Date.....: 05/18/01
Prep Batch #...: 1138500
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: EDMEV1AC
Analysis Date..: 05/21/01
Analysis Time..: 15:24
Instrument ID..: G01

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**68**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	74	(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 #...: E1E170301
LCS Lot-Sample#: E1E180000-501
Prep Date.....: 05/18/01
Prep Batch #...: 1138501
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: EDMEX1AC
Analysis Date..: 05/24/01
Analysis Time..: 20:00
Instrument ID..: G02

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**79**	**(60 - 130)**	**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.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E210000-542
Prep Date.....: 05/19/01
Prep Batch #...: 1141542
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: EDN7D1AC
Analysis Date..: 05/19/01
Analysis Time..: 05:04
Instrument ID..: G15

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**120**	**(80 - 140)**	**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/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDN981AC **Matrix.....:** WATER
LCS Lot-Sample#: E1E210000-559
Prep Date.....: 05/18/01 **Analysis Date..:** 05/18/01
Prep Batch #...: 1141559 **Analysis Time..:** 20:19
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**102**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**112**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**103**	**(80 - 120)**	**SW846 8260B**
Toluene	**103**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**110**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 120)
1,2-Dichloroethane-d4	91	(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/MS Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E220000-291
Prep Date.....: 05/18/01
Prep Batch #...: 1142291
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: EDP4T1AC
Analysis Date..: 05/18/01
Analysis Time..: 22:01
Instrument ID..: MSD

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**97**	**(60 - 150)**	**SW846 8260B**
Benzene	**97**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**111**	**(70 - 130)**	**SW846 8260B**
Toluene	**96**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**99**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	97	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDQGR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E220000-341
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142341 **Analysis Time..:** 10:02
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**101**	**(60 - 150)**	**SW846 8260B**
Benzene	**94**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**109**	**(70 - 130)**	**SW846 8260B**
Toluene	**89**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**92**	**(70 - 130)**	**SW846 8260B**

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

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E220000-429
Prep Date.....: 05/18/01
Prep Batch #...: 1142429
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: EDQ381AC
Analysis Date..: 05/18/01
Analysis Time..: 16:55
Instrument ID..: G15

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**108**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(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 #...: E1E170301
LCS Lot-Sample#: E1E220000-472
Prep Date.....: 05/21/01
Prep Batch #...: 1142472
Dilution Factor: 1
Analyst ID.....: 015590

Work Order #...: EDQ771AC
Analysis Date..: 05/21/01
Analysis Time..: 13:45
Instrument ID..: MSG

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**129**	**(60 - 140)**	**SW846 8260B**
Benzene	**111**	**(60 - 130)**	**SW846 8260B**
Trichloroethene	**116**	**(60 - 140)**	**SW846 8260B**
Toluene	**94**	**(60 - 130)**	**SW846 8260B**
Chlorobenzene	**97**	**(60 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(60 - 140)
1,2-Dichloroethane-d4	117	(60 - 140)
Toluene-d8	105	(60 - 140)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E230000-263
Prep Date.....: 05/22/01
Prep Batch #...: 1143263
Dilution Factor: 1
Analyst ID.....: 004648

Work Order #...: EDR3E1AC

Analysis Date..: 05/22/01
Analysis Time..: 10:09
Instrument ID..: MSG

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**95**	**(60 - 150)**	**SW846 8260B**
Benzene	**82**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**87**	**(70 - 130)**	**SW846 8260B**
Toluene	**74**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**78**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	89	(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 Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E230000-297
Prep Date.....: 05/21/01
Prep Batch #...: 1143297
Dilution Factor: 1
Analyst ID.....: 001464

Work Order #...: EDR871AC
Analysis Date..: 05/21/01
Analysis Time..: 16:11
Instrument ID..: G15

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**101**	**(80 - 140)**	**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/MS Volatiles

Client Lot #...: E1E170301
LCS Lot-Sample#: E1E240000-217
Prep Date.....: 05/23/01
Prep Batch #...: 1144217
Dilution Factor: 1
Analyst ID.....: 004648

Work Order #...: EDV2L1AC

Analysis Date..: 05/23/01
Analysis Time..: 10:34
Instrument ID..: MSG

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**110**	**(60 - 150)**	**SW846 8260B**
Benzene	**100**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**104**	**(70 - 130)**	**SW846 8260B**
Toluene	**90**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**94**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	117	(70 - 130)
1,2-Dichloroethane-d4	109	(60 - 140)
Toluene-d8	101	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDF5Q1AE-MS **Matrix.....:** WATER
MS Lot-Sample #: E1E160178-009 EDF5Q1AF-MSD
Date Sampled...: 05/11/01 11:30 **Date Received..:** 05/16/01 10:18 **MS Run #.....:** 1141306
Prep Date.....: 05/18/01 **Analysis Date..:** 05/19/01
Prep Batch #...: 1141559 **Analysis Time..:** 05:16
Dilution Factor: 2500 **Analyst ID.....:** 015590 **Instrument ID..:** MSC

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**25000**	**25400**	**ug/L**	**102**		**SW846 8260B**
	ND	**25000**	**24600**	**ug/L**	**98**	**3.3**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**25000**	**26900**	**ug/L**	**108**		**SW846 8260B**
	ND	**25000**	**25900**	**ug/L**	**104**	**3.7**	**SW846 8260B**
Chlorobenzene	**ND**	**25000**	**25300**	**ug/L**	**101**		**SW846 8260B**
	ND	**25000**	**24800**	**ug/L**	**99**	**2.1**	**SW846 8260B**
Toluene	**ND**	**25000**	**25500**	**ug/L**	**102**		**SW846 8260B**
	ND	**25000**	**24800**	**ug/L**	**99**	**2.6**	**SW846 8260B**
Trichloroethene	**ND**	**25000**	**27700**	**ug/L**	**111**		**SW846 8260B**
	ND	**25000**	**26700**	**ug/L**	**107**	**3.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 120)
	100	(75 - 120)
1,2-Dichloroethane-d4	102	(65 - 130)
	98	(65 - 130)
Toluene-d8	107	(80 - 130)
	107	(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 Semivolatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKCP1AE-MS EDKCP1AF-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-001				
Date Sampled...:	05/16/01 17:20	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1138500	**Analysis Time..:**	18:53		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G01

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**ND**	**250**	**167**	**mg/kg**	**67**		**SW846 8015B**
	ND	**250**	**192**	**mg/kg**	**77**	**14**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	73	(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

GC/MS Volatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKCP1AG-MS EDKCP1AH-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-001				
Date Sampled...:	05/16/01 17:20	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142147
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142291	**Analysis Time..:**	01:03		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**98**	**50.0**	**81.8**	**ug/kg**	**0.0**		**SW846 8260B**
	Qualifiers: a,MSC						
	98	**50.0**	**170**	**ug/kg**	**144**	**0.0**	**SW846 8260B**
Benzene	**2.7**	**50.0**	**44.8**	**ug/kg**	**84**		**SW846 8260B**
	2.7	**50.0**	**48.3**	**ug/kg**	**91**	**7.4**	**SW846 8260B**
Trichloroethene	**100**	**50.0**	**92.3**	**ug/kg**	**0.0**		**SW846 8260B**
	Qualifiers: a,MSC						
	100	**50.0**	**167**	**ug/kg**	**134**	**0.0**	**SW846 8260B**
	Qualifiers: a,MSC						
Toluene	**ND**	**50.0**	**43.1**	**ug/kg**	**86**		**SW846 8260B**
	ND	**50.0**	**44.9**	**ug/kg**	**90**	**4.1**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**42.5**	**ug/kg**	**85**		**SW846 8260B**
	ND	**50.0**	**43.4**	**ug/kg**	**87**	**2.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(70 - 130)
	100	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
	98	(60 - 140)
Toluene-d8	99	(70 - 130)
	101	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKCX1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-007		EDKCX1AF-MSD		
Date Sampled...:	05/17/01 09:50	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142429	**Analysis Time..:**	03:17		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**5.00**	**5.66**	**mg/kg**	**113**		**SW846 8015B**
	ND	**5.00**	**4.85**	**mg/kg**	**97**	**15**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	122	(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 #...:	E1E170301	**Work Order #...:**	EDKC81AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-016		EDKC81AF-MSD		
Date Sampled...:	05/17/01 12:55	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142285
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1142472	**Analysis Time..:**	20:16		
Dilution Factor:	4	**Analyst ID.....:**	015590	**Instrument ID..:**	MSG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**550**	**2500**	**2040**	**ug/kg**	**60 MSC**		**SW846 8260B**
	550	**2500**	**2570**	**ug/kg**	**81**	**23**	**SW846 8260B**
Benzene	**ND**	**2500**	**2060**	**ug/kg**	**82**		**SW846 8260B**
	ND	**2500**	**2190**	**ug/kg**	**88**	**6.2**	**SW846 8260B**
Trichloroethene	**1200**	**2500**	**2740**	**ug/kg**	**61**		**SW846 8260B**
	1200	**2500**	**2930**	**ug/kg**	**69**	**6.6**	**SW846 8260B**
Toluene	**7100**	**2500**	**6380**	**ug/kg**	**0.0**		**SW846 8260B**
	Qualifiers: a,MSC						
	7100	**2500**	**6360**	**ug/kg**	**0.0**	**0.0**	**SW846 8260B**
	Qualifiers: a,MSC						
Chlorobenzene	**ND**	**2500**	**1810**	**ug/kg**	**72**		**SW846 8260B**
	ND	**2500**	**1890**	**ug/kg**	**75**	**4.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	72	(60 - 140)
	77	(60 - 140)
1,2-Dichloroethane-d4	86	(60 - 140)
	94	(60 - 140)
Toluene-d8	74	(60 - 140)
	83	(60 - 140)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKC91AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-017		EDKC91AF-MSD		
Date Sampled...:	05/17/01 15:10	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138214
Prep Date.....:	05/18/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1138501	**Analysis Time..:**	21:18		
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**	**182**	**mg/kg**	**73**		**SW846 8015B**
	ND	**250**	**177**	**mg/kg**	**71**	**3.0**	**SW846 8015B**

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

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKDE1AE-MS EDKDE1AF-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-021				
Date Sampled...:	05/17/01 15:47	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1141292
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1141542	**Analysis Time..:**	08:10		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**5.00**	**6.27**	**mg/kg**	**125**		**SW846 8015B**
	ND	**5.00**	**6.48**	**mg/kg**	**130**	**3.3**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	121	(60 - 130)
	122	(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 #...: E1E170301
MS Lot-Sample #: E1E180309-001
Date Sampled...: 05/18/01 07:30
Prep Date.....: 05/21/01
Prep Batch #...: 1142341
Dilution Factor: 1

Work Order #...: EDME11AG-MS
EDME11AH-MSD
Date Received..: 05/18/01 18:00
Analysis Date..: 05/21/01
Analysis Time..: 13:14
Analyst ID.....: 004648

Matrix.....: SOLID
MS Run #.....: 1142191
Instrument ID..: MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	2.8	50.0	51.9	ug/kg	98		SW846 8260B
	2.8	50.0	57.1	ug/kg	109	9.6	SW846 8260B
Benzene	ND	50.0	50.2	ug/kg	100		SW846 8260B
	ND	50.0	51.2	ug/kg	102	2.1	SW846 8260B
Trichloroethene	7.6	50.0	54.2	ug/kg	93		SW846 8260B
	7.6	50.0	57.6	ug/kg	100	6.2	SW846 8260B
Toluene	ND	50.0	45.9	ug/kg	92		SW846 8260B
	ND	50.0	47.7	ug/kg	95	3.8	SW846 8260B
Chlorobenzene	ND	50.0	46.3	ug/kg	93		SW846 8260B
	ND	50.0	47.1	ug/kg	94	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(70 - 130)
	97	(70 - 130)
1,2-Dichloroethane-d4	105	(60 - 140)
	105	(60 - 140)
Toluene-d8	97	(70 - 130)
	98	(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 #...:	E1E170301	**Work Order #...:**	EDMFN1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-008		EDMFN1AF-MSD		
Date Sampled...:	05/18/01 10:27	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143297	**Analysis Time..:**	02:04		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**5.00**	**5.49**	**mg/kg**	**110**		**SW846 8015B**
	ND	**5.00**	**5.53**	**mg/kg**	**111**	**0.75**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	119	(60 - 130)
	126	(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 #...: E1E170301 **Work Order #...:** EDMFR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1E180311-010 EDMFR1AF-MSD
Date Sampled...: 05/18/01 10:42 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1144093
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144217 **Analysis Time..:** 13:28
Dilution Factor: 1 **Analyst ID.....:** 004648 **Instrument ID..:** MSG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**13**	**50.0**	**58.6**	**ug/kg**	**92**		**SW846 8260B**
	13	**50.0**	**69.4**	**ug/kg**	**114**	**17**	**SW846 8260B**
Benzene	**ND**	**50.0**	**49.2**	**ug/kg**	**98**		**SW846 8260B**
	ND	**50.0**	**56.6**	**ug/kg**	**113**	**14**	**SW846 8260B**
Trichloroethene	**67**	**50.0**	**79.1**	**ug/kg**	**24**		**SW846 8260B**
	Qualifiers: a,MSC						
	67	**50.0**	**97.5**	**ug/kg**	**61**	**21**	**SW846 8260B**
	Qualifiers: a,MSC						
Toluene	**2.1**	**50.0**	**46.6**	**ug/kg**	**89**		**SW846 8260B**
	2.1	**50.0**	**53.5**	**ug/kg**	**103**	**14**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**43.7**	**ug/kg**	**87**		**SW846 8260B**
	ND	**50.0**	**50.9**	**ug/kg**	**102**	**15**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(70 - 130)
	117	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
	109	(60 - 140)
Toluene-d8	96	(70 - 130)
	109	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDN8R1A3-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1E210183-008 EDN8R1A4-MSD
Date Sampled...: 05/21/01 10:40 **Date Received..:** 05/21/01 17:12 **MS Run #.....:** 1143112
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143263 **Analysis Time..:** 15:18
Dilution Factor: 1 **Analyst ID.....:** 004648 **Instrument ID..:** MSG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**58.8**	**ug/kg**	**118**		**SW846 8260B**
	ND	**50.0**	**50.1**	**ug/kg**	**100**	**16**	**SW846 8260B**
Benzene	**ND**	**50.0**	**45.7**	**ug/kg**	**91**		**SW846 8260B**
	ND	**50.0**	**43.4**	**ug/kg**	**87**	**5.3**	**SW846 8260B**
Trichloroethene	**3.0**	**50.0**	**50.3**	**ug/kg**	**95**		**SW846 8260B**
	3.0	**50.0**	**46.4**	**ug/kg**	**87**	**8.1**	**SW846 8260B**
Toluene	**ND**	**50.0**	**44.4**	**ug/kg**	**89**		**SW846 8260B**
	ND	**50.0**	**40.0**	**ug/kg**	**80**	**10**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**42.1**	**ug/kg**	**84**		**SW846 8260B**
	ND	**50.0**	**39.8**	**ug/kg**	**80**	**5.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(70 - 130)
	103	(70 - 130)
1,2-Dichloroethane-d4	74	(60 - 140)
	99	(60 - 140)
Toluene-d8	88	(70 - 130)
	93	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E170301 **Work Order #...:** EDF5Q1AE-MS **Matrix.....:** WATER
MS Lot-Sample #: E1E160178-009 EDF5Q1AF-MSD
Date Sampled...: 05/11/01 11:30 **Date Received..:** 05/16/01 10:18 **MS Run #.....:** 1141306
Prep Date.....: 05/18/01 **Analysis Date..:** 05/19/01
Prep Batch #...: 1141559 **Analysis Time..:** 05:16
Dilution Factor: 2500 **Analyst ID.....:** 015590 **Instrument ID..:** MSC

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**102**	**(75 - 120)**			**SW846 8260B**
	98	**(75 - 120)**	**3.3**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**108**	**(70 - 130)**			**SW846 8260B**
	104	**(70 - 130)**	**3.7**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**101**	**(80 - 120)**			**SW846 8260B**
	99	**(80 - 120)**	**2.1**	**(0-25)**	**SW846 8260B**
Toluene	**102**	**(80 - 120)**			**SW846 8260B**
	99	**(80 - 120)**	**2.6**	**(0-25)**	**SW846 8260B**
Trichloroethene	**111**	**(75 - 130)**			**SW846 8260B**
	107	**(75 - 130)**	**3.7**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 120)
	100	(75 - 120)
1,2-Dichloroethane-d4	102	(65 - 130)
	98	(65 - 130)
Toluene-d8	107	(80 - 130)
	107	(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 Semivolatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKCP1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-001		EDKCP1AF-MSD		
Date Sampled...:	05/16/01 17:20	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138212
Prep Date.....:	05/18/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1138500	**Analysis Time..:**	18:53		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G01

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**67**	**(60 - 130)**			**SW846 8015B**
	77	**(60 - 130)**	**14**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	73	(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

GC/MS Volatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKCP1AG-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-001		EDKCP1AH-MSD		
Date Sampled...:	05/16/01 17:20	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142147
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142291	**Analysis Time..:**	01:03		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**0.0 a,MSC**	**(60 - 150)**			**SW846 8260B**
	144	**(60 - 150)**	**0.0**	**(0-30)**	**SW846 8260B**
Benzene	**84**	**(70 - 140)**			**SW846 8260B**
	91	**(70 - 140)**	**7.4**	**(0-30)**	**SW846 8260B**
Trichloroethene	**0.0 a,MSC**	**(70 - 130)**			**SW846 8260B**
	134 a,MSC	**(70 - 130)**	**0.0**	**(0-30)**	**SW846 8260B**
Toluene	**86**	**(70 - 130)**			**SW846 8260B**
	90	**(70 - 130)**	**4.1**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**85**	**(70 - 130)**			**SW846 8260B**
	87	**(70 - 130)**	**2.1**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(70 - 130)
	100	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
	98	(60 - 140)
Toluene-d8	99	(70 - 130)
	101	(70 - 130)

NOTE(S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKCX1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-007		EDKCX1AF-MSD		
Date Sampled...:	05/17/01 09:50	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142260
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1142429	**Analysis Time..:**	03:17		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**113**	**(80 - 140)**			**SW846 8015B**
	97	**(80 - 140)**	**15**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	122	(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 #...:	E1E170301	**Work Order #...:**	EDKC81AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-016		EDKC81AF-MSD		
Date Sampled...:	05/17/01 12:55	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1142285
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1142472	**Analysis Time..:**	20:16		
Dilution Factor:	4	**Analyst ID.....:**	015590	**Instrument ID..:**	MSG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**60 MSC**	**(60 - 140)**			**SW846 8260B**
	81	**(60 - 140)**	**23**	**(0-35)**	**SW846 8260B**
Benzene	**82**	**(60 - 130)**			**SW846 8260B**
	88	**(60 - 130)**	**6.2**	**(0-35)**	**SW846 8260B**
Trichloroethene	**61**	**(60 - 140)**			**SW846 8260B**
	69	**(60 - 140)**	**6.6**	**(0-35)**	**SW846 8260B**
Toluene	**0.0 a,MSC**	**(60 - 130)**			**SW846 8260B**
	0.0 a,MSC	**(60 - 130)**	**0.0**	**(0-35)**	**SW846 8260B**
Chlorobenzene	**72**	**(60 - 130)**			**SW846 8260B**
	75	**(60 - 130)**	**4.3**	**(0-35)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	72	(60 - 140)
	77	(60 - 140)
1,2-Dichloroethane-d4	86	(60 - 140)
	94	(60 - 140)
Toluene-d8	74	(60 - 140)
	83	(60 - 140)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKC91AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-017		EDKC91AF-MSD		
Date Sampled...:	05/17/01 15:10	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1138214
Prep Date.....:	05/18/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1138501	**Analysis Time..:**	21:18		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G02

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**73**	**(60 - 130)**			**SW846 8015B**
	71	**(60 - 130)**	**3.0**	**(0-35)**	**SW846 8015B**

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

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDKDE1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E170301-021		EDKDE1AF-MSD		
Date Sampled...:	05/17/01 15:47	**Date Received..:**	05/17/01 18:00	**MS Run #.....:**	1141292
Prep Date.....:	05/19/01	**Analysis Date..:**	05/19/01		
Prep Batch #...:	1141542	**Analysis Time..:**	08:10		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**125**	**(80 - 140)**			**SW846 8015B**
	130	**(80 - 140)**	**3.3**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	121	(60 - 130)
	122	(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 #...:	E1E170301	**Work Order #...:**	EDME11AG-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180309-001		EDME11AH-MSD		
Date Sampled...:	05/18/01 07:30	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1142191
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1142341	**Analysis Time..:**	13:14		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**98**	**(60 - 150)**			**SW846 8260B**
	109	**(60 - 150)**	**9.6**	**(0-30)**	**SW846 8260B**
Benzene	**100**	**(70 - 140)**			**SW846 8260B**
	102	**(70 - 140)**	**2.1**	**(0-30)**	**SW846 8260B**
Trichloroethene	**93**	**(70 - 130)**			**SW846 8260B**
	100	**(70 - 130)**	**6.2**	**(0-30)**	**SW846 8260B**
Toluene	**92**	**(70 - 130)**			**SW846 8260B**
	95	**(70 - 130)**	**3.8**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**93**	**(70 - 130)**			**SW846 8260B**
	94	**(70 - 130)**	**1.6**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(70 - 130)
	97	(70 - 130)
1,2-Dichloroethane-d4	105	(60 - 140)
	105	(60 - 140)
Toluene-d8	97	(70 - 130)
	98	(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 #...:	E1E170301	**Work Order #...:**	EDMFN1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-008		EDMFN1AF-MSD		
Date Sampled...:	05/18/01 10:27	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143297	**Analysis Time..:**	02:04		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**110**	**(80 - 140)**			**SW846 8015B**
	111	**(80 - 140)**	**0.75**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	119	(60 - 130)
	126	(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 #...:	E1E170301	**Work Order #...:**	EDMFR1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-010		EDMFR1AF-MSD		
Date Sampled...:	05/18/01 10:42	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1144093
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1144217	**Analysis Time..:**	13:28		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**92**	**(60 - 150)**			**SW846 8260B**
	114	**(60 - 150)**	**17**	**(0-30)**	**SW846 8260B**
Benzene	**98**	**(70 - 140)**			**SW846 8260B**
	113	**(70 - 140)**	**14**	**(0-30)**	**SW846 8260B**
Trichloroethene	**24 a,MSC**	**(70 - 130)**			**SW846 8260B**
	61 a,MSC	**(70 - 130)**	**21**	**(0-30)**	**SW846 8260B**
Toluene	**89**	**(70 - 130)**			**SW846 8260B**
	103	**(70 - 130)**	**14**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**87**	**(70 - 130)**			**SW846 8260B**
	102	**(70 - 130)**	**15**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(70 - 130)
	117	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
	109	(60 - 140)
Toluene-d8	96	(70 - 130)
	109	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E1E170301	**Work Order #...:**	EDN8R1A3-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E210183-008		EDN8R1A4-MSD		
Date Sampled...:	05/21/01 10:40	**Date Received..:**	05/21/01 17:12	**MS Run #.....:**	1143112
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143263	**Analysis Time..:**	15:18		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**118**	**(60 - 150)**			**SW846 8260B**
	100	**(60 - 150)**	**16**	**(0-30)**	**SW846 8260B**
Benzene	**91**	**(70 - 140)**			**SW846 8260B**
	87	**(70 - 140)**	**5.3**	**(0-30)**	**SW846 8260B**
Trichloroethene	**95**	**(70 - 130)**			**SW846 8260B**
	87	**(70 - 130)**	**8.1**	**(0-30)**	**SW846 8260B**
Toluene	**89**	**(70 - 130)**			**SW846 8260B**
	80	**(70 - 130)**	**10**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**84**	**(70 - 130)**			**SW846 8260B**
	80	**(70 - 130)**	**5.6**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(70 - 130)
	103	(70 - 130)
1,2-Dichloroethane-d4	74	(60 - 140)
	99	(60 - 140)
Toluene-d8	88	(70 - 130)
	93	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters