SEVERN TRENT SERVICES

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

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

May 25, 2001

STL LOT NUMBER: **E1E180311**
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 29 samples received under chain of custody by Severn Trent Laboratories (STL Los Angeles) on May 18, 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

000193

This report contains _____ pages.

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

ACCREDITED IN ACCORDANCE WITH nelac

BOE-C6-0122452

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client: KENNEDY JENKS CONSULTANTS	Project Manager: JAY KNIGHT / BOB LOGAN	Date: 5/18/01	Chain of Custody Number: 052416
Address: 2151 MICHELSON DRIVE #100	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 3
City: IRVINE; State: CA; Zip Code: 92612	Site Contact	Lab Contact	
Project Name and Location (State): BOEING C-6	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 004032-01			

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	Analysis: VOCs	TPH	SVOC/PAH*	Special Instructions/ Conditions of Receipt
PD-27-10	5/18/01	0823				X	X						X	X		*RUN SVOC & PAH
PD-27-20		0828				X	X						X	X		ON SAMPLE WITH
PD-27-25		0835				X	X						X	X		HIGHEST TPH FROM
PD-27-30		0839				X	X						X	X		EACH BOEING
PD-27-40		0852				X	X						X	X		
PD-27-50		0859				X	X						X	X		
PD-27-60		0911				X	X						X	X		
PD-29-20		1027				X	X						X	X		
PD-29-25		1034				X	X						X	X		
PD-29-30		1042				X	X						X	X		
PD-29-40		1047				X	X						X	X		
PD-29-50		1104				X	X						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	5/18/01	1650	1. Received By	5-18-01	1650
2. Relinquished By	5-18-01	1700	2. Received By	5-18-01	18:00
3. Relinquished By			3. Received By		

Comments

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

000002

BOE-C6-0122453

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client	Project Manager	Date	Chain of Custody Number
KENNEDY JENKS CONSULTANTS	JAY KNIGHT / BOB LOGAN	5/18/01	052427
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 3**
SEE PAGE 1			

City	State	Zip Code	Site Contact	Lab Contact

Project Name and Location (State)	Carrier/Waybill Number
BOEING C-6	

Contract/Purchase Order/Quote No.: 004032-01

Analysis (Attach list if more space is needed): VOC's; TPH; SVOC/PAH*

Special Instructions/ Conditions of Receipt: *RUN SVOC & PAH ON SAMPLE WITH HIGHEST TPH FROM EACH BOEING

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	VOC's	TPH	SVOC/PAH*
PD-29-60	5/18/01	1115				X	X						X	X	
PD-30-20		1311				X	X						X	X	
PD-30-25		1316				X	X						X	X	
PD-30-30		1320				X	X						X	X	
PD-30-40		1331				X	X						X	X	
PD-30-50		1338				X	X						X	X	
PD-30-60		1348				X	X						X	X	
1-25-20		1451				X	X						X	X	
1-25-25		1458				X	X						X	X	
1-25-30		1503				X	X						X	X	
1-25-40		1514				X	X						X	X	
1-25-50		1524				X	X						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: M Baldwin	5/18/01	1650	1. Received By: [signature]	5-18-01	1650
2. Relinquished By: [signature]	5-18-01	1700	2. Received By: Pa Cooper	5-18-01	18:00
3. Relinquished By			3. Received By		

Comments

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

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BOE-C6-0122454

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client: KENNEDY JENKS CONSULTANTS	Project Manager: JAY KNIGHT / BOB LOGAN	Date: 5/18/01	Chain of Custody Number: 052428
Address: SEE PAGE 1	Telephone Number (Area Code)/Fax Number	Lab Number	Page 3 of 3
City / State / Zip Code	Site Contact	Lab Contact	
Project Name and Location (State): BOEING C-6	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 604032-01			

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	Analysis (Attach list if more space is needed): VOC's	TPH	SVOC/PAH*	Special Instructions/ Conditions of Receipt
TRIP BLANK	— —			X							X			X			* RUN SVOC+ PAH
1-25-60	5/18/01	1535				X		X						X	X		ON SAMPLE WITH
1-31-1-20		1639				X		X						X	X		HIGHEST TPH
1-31-1-25		1645				X		X						X	X		FROM EACH
1-31-1-30		1649				X		X						X	X		BORING

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

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

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

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/18/01	1650	1. Received By	5-18-01	1650
2. Relinquished By	5-18-01	1800	2. Received By	5-18-01	18:00
3. Relinquished By			3. Received By		

Comments

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

000004

BOE-C6-0122455

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 5/18/01

Quantims Lot #: E1E180311

Quote #: 38629

Client Name: Kennedy Jenks

Project: Boeing C-6

Received by: Pacoch

Date/Time Received: 5/18/01 18:00

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

		Initial / Date
Custody Seal Status:	☐ Intact ☐ Broken ☒ None	AR 5/18
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		

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

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

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

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

Fraction	1→24	25	26-29								PH
VOAh *		3	–								N/A
B Sleeve	1	–	1								–

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

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

*** Number of VOA's w/ Headspace present**

LOGGED BY/DATE: Pacoch 5/18/01 REVIEWED BY/DATE: [illegible] 5-21-01

000005

BOE-C6-0122456

EXECUTIVE SUMMARY - Detection Highlights

E1E180311

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PD_27_10 05/18/01 08:23 001				
1,1,1-Trichloroethane	2.9 J	5.0	ug/kg	SW846 8260B
Trichloroethene	2.6 J	5.0	ug/kg	SW846 8260B
PD_27_20 05/18/01 08:28 002				
1,1-Dichloroethene	12	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	5.5	5.0	ug/kg	SW846 8260B
Trichloroethene	5.4	5.0	ug/kg	SW846 8260B
PD_27_25 05/18/01 08:35 003				
1,1-Dichloroethene	5.9	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	4.2 J	5.0	ug/kg	SW846 8260B
Trichloroethene	4.1 J	5.0	ug/kg	SW846 8260B
PD_27_30 05/18/01 08:39 004				
1,1-Dichloroethene	37	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	10	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	3.1 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	55	5.0	ug/kg	SW846 8260B
Trichloroethene	23	5.0	ug/kg	SW846 8260B
Toluene	59	5.0	ug/kg	SW846 8260B
PD_27_40 05/18/01 08:52 005				
C8-C9	31	10	mg/kg	SW846 8015B
C20-C23	6.9 J	10	mg/kg	SW846 8015B
Total Carbon Chain Range	57	10	mg/kg	SW846 8015B
C6-C8	1100	100	mg/kg	SW846 8015B
4-Methyl-2-pentanone	160000	50000	ug/kg	SW846 8260B
Toluene	360000	10000	ug/kg	SW846 8260B
1,1,1-Trichloroethane	12000	10000	ug/kg	SW846 8260B
PD_27_50 05/18/01 08:59 006				
C8-C9	80	10	mg/kg	SW846 8015B
C10-C11	5.2 J	10	mg/kg	SW846 8015B
C14-C15	5.8 J	10	mg/kg	SW846 8015B
Total Carbon Chain Range	100	10	mg/kg	SW846 8015B
C6-C8	5700	500	mg/kg	SW846 8015B
2-Butanone	590000	250000	ug/kg	SW846 8260B
1,1,1-Trichloroethane	1600000	50000	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E1E180311

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PD_27_50 05/18/01 08:59 006				
4-Methyl-2-pentanone	650000	250000	ug/kg	SW846 8260B
Toluene	970000	50000	ug/kg	SW846 8260B
PD_27_60 05/18/01 09:11 007				
C8-C9	400	50	mg/kg	SW846 8015B
C10-C11	31 J	50	mg/kg	SW846 8015B
Total Carbon Chain Range	480	50	mg/kg	SW846 8015B
C6-C8	9200	1000	mg/kg	SW846 8015B
2-Butanone	8700000	620000	ug/kg	SW846 8260B
1,1,1-Trichloroethane	5200000	120000	ug/kg	SW846 8260B
Trichloroethene	36000 J	120000	ug/kg	SW846 8260B
4-Methyl-2-pentanone	1300000	620000	ug/kg	SW846 8260B
Toluene	1400000	120000	ug/kg	SW846 8260B
PD_29_20 05/18/01 10:27 008				
2-Butanone	26	25	ug/kg	SW846 8260B
1,1,1-Trichloroethane	7.0	5.0	ug/kg	SW846 8260B
Trichloroethene	21	5.0	ug/kg	SW846 8260B
Toluene	3.5 J	5.0	ug/kg	SW846 8260B
PD_29_25 05/18/01 10:34 009				
1,1-Dichloroethene	9.1	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	2.5 J	5.0	ug/kg	SW846 8260B
Chloroform	1.9 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	2.9 J	5.0	ug/kg	SW846 8260B
Trichloroethene	59	5.0	ug/kg	SW846 8260B
PD_29_30 05/18/01 10:42 010				
1,1-Dichloroethene	13	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	3.0 J	5.0	ug/kg	SW846 8260B
2-Butanone	16 J	25	ug/kg	SW846 8260B
Chloroform	2.2 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	4.6 J	5.0	ug/kg	SW846 8260B
Trichloroethene	67	5.0	ug/kg	SW846 8260B
Toluene	2.1 J	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E1E180311

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PD_29_40 05/18/01 10:47 011				
C6-C8	0.12 J,B	1.0	mg/kg	SW846 8015B
1,1-Dichloroethene	320	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	4.2 J	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	14	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	7.4	5.0	ug/kg	SW846 8260B
2-Butanone	33	25	ug/kg	SW846 8260B
Chloroform	8.9	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	28	5.0	ug/kg	SW846 8260B
Trichloroethene	400	5.0	ug/kg	SW846 8260B
PD_29_50 05/18/01 11:04 012				
2-Butanone	22 J	25	ug/kg	SW846 8260B
Trichloroethene	9.6	5.0	ug/kg	SW846 8260B
PD_29_60 05/18/01 11:15 013				
C6-C8	0.61 J,B	1.0	mg/kg	SW846 8015B
1,1-Dichloroethene	730	25	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	17 J	25	ug/kg	SW846 8260B
1,1-Dichloroethane	48	25	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	34	25	ug/kg	SW846 8260B
Chloroform	31	25	ug/kg	SW846 8260B
1,1,1-Trichloroethane	160	25	ug/kg	SW846 8260B
Trichloroethene	870	25	ug/kg	SW846 8260B
PD_30_25 05/18/01 13:16 015				
1,1-Dichloroethene	54	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	2.7 J	5.0	ug/kg	SW846 8260B
Trichloroethene	48	5.0	ug/kg	SW846 8260B
PD_30_30 05/18/01 13:20 016				
Trichloroethene	6.7	5.0	ug/kg	SW846 8260B
PD_30_40 05/18/01 13:31 017				
1,1-Dichloroethene	2.5 J	5.0	ug/kg	SW846 8260B
Trichloroethene	21	5.0	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1E180311

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PD_30_50 05/18/01 13:38 018				
Trichloroethene	6.6	5.0	ug/kg	SW846 8260B
PD_30_60 05/18/01 13:48 019				
Trichloroethene	3.5 J	5.0	ug/kg	SW846 8260B
1_25_20 05/18/01 14:51 020				
Trichloroethene	2.6 J	5.0	ug/kg	SW846 8260B
1_25_25 05/18/01 14:58 021				
1,1-Dichloroethene	9.3	5.0	ug/kg	SW846 8260B
Trichloroethene	49	5.0	ug/kg	SW846 8260B
1_25_30 05/18/01 15:03 022				
Trichloroethene	13	5.0	ug/kg	SW846 8260B
1_25_40 05/18/01 15:14 023				
Trichloroethene	18	5.0	ug/kg	SW846 8260B
TRIP BLANK 05/18/01 025				
Acetone	6.3 J	10	ug/L	SW846 8260B
1_25_60 05/18/01 15:35 026				
1,1-Dichloroethene	4.1 J	5.0	ug/kg	SW846 8260B
Trichloroethene	41	5.0	ug/kg	SW846 8260B
1_31_1_20 05/18/01 16:39 027				
Trichloroethene	2.8 J	5.0	ug/kg	SW846 8260B
1_31_1_25 05/18/01 16:45 028				
1,1-Dichloroethene	4.8 J	5.0	ug/kg	SW846 8260B
Trichloroethene	27	5.0	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1E180311

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1_31_1_30 05/18/01 16:49 029				
1,1-Dichloroethene	7.5	5.0	ug/kg	SW846 8260B
Trichloroethene	31	5.0	ug/kg	SW846 8260B

METHODS SUMMARY

E1E180311

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

E1E180311

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
EDMFF	001	PD_27_10	05/18/01	08:23
EDMFG	002	PD_27_20	05/18/01	08:28
EDMFH	003	PD_27_25	05/18/01	08:35
EDMFJ	004	PD_27_30	05/18/01	08:39
EDMFK	005	PD_27_40	05/18/01	08:52
EDMFL	006	PD_27_50	05/18/01	08:59
EDMFM	007	PD_27_60	05/18/01	09:11
EDMFN	008	PD_29_20	05/18/01	10:27
EDMFQ	009	PD_29_25	05/18/01	10:34
EDMFR	010	PD_29_30	05/18/01	10:42
EDMFT	011	PD_29_40	05/18/01	10:47
EDMFV	012	PD_29_50	05/18/01	11:04
EDMFW	013	PD_29_60	05/18/01	11:15
EDMFX	014	PD_30_20	05/18/01	13:11
EDMF0	015	PD_30_25	05/18/01	13:16
EDMF1	016	PD_30_30	05/18/01	13:20
EDMF2	017	PD_30_40	05/18/01	13:31
EDMF3	018	PD_30_50	05/18/01	13:38
EDMF4	019	PD_30_60	05/18/01	13:48
EDMF5	020	1_25_20	05/18/01	14:51
EDMF6	021	1_25_25	05/18/01	14:58
EDMF7	022	1_25_30	05/18/01	15:03
EDMF8	023	1_25_40	05/18/01	15:14
EDMF9	024	1_25_50	05/18/01	15:24
EDMGA	025	TRIP BLANK	05/18/01	
EDMGD	026	1_25_60	05/18/01	15:35
EDMGE	027	1_31_1_20	05/18/01	16:39
EDMGF	028	1_31_1_25	05/18/01	16:45
EDMGG	029	1_31_1_30	05/18/01	16:49

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_27_10

GC Semivolatiles

Lot-Sample #...: E1E180311-001 **Work Order #...:** EDMFF1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:23 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 05:17
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_10

GC Volatiles

Lot-Sample #...:	E1E180311-001	**Work Order #...:**	EDMFF1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:23	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	18:00		
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: PD_27_10

GC/MS Volatiles

Lot-Sample #...: E1E180311-001 **Work Order #...:** EDMFF1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:23 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1142261
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142438 **Analysis Time..:** 22:16
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	**2.9 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	**2.6 J**	**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_27_10

GC/MS Volatiles

Lot-Sample #...: E1E180311-001 Work Order #...: EDMFF1AA 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	97	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_20

GC Semivolatiles

Lot-Sample #...:	E1E180311-002	**Work Order #...:**	EDMFG1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:28	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141266
Prep Date.....:	05/21/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1141505	**Analysis Time..:**	05:56		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_20

GC Volatiles

Lot-Sample #...:	E1E180311-002	**Work Order #...:**	EDMFG1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:28	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	18:27		
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)	78	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-002 **Work Order #...:** EDMFG1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:28 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1142261
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142438 **Analysis Time..:** 22:47
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	**12**	**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	**5.5**	**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	ND	5.0	ug/kg	1.0
Trichloroethene	**5.4**	**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_27_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-002 **Work Order #...:** EDMFG1AA **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	96	(60 - 140)
Toluene-d8	100	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_25

GC Semivolatiles

Lot-Sample #...: E1E180311-003 **Work Order #...:** EDMFH1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:35 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 06:35
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_25

GC Volatiles

Lot-Sample #...:	E1E180311-003	**Work Order #...:**	EDMFH1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:35	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	18:54		
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: PD_27_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-003 **Work Order #...:** EDMFH1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:35 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1142261
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1142438 **Analysis Time..:** 00:17
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	**5.9**	**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	**4.2 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	ND	5.0	ug/kg	1.0
Trichloroethene	**4.1 J**	**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_27_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-003 **Work Order #...:** EDMFH1AA **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	93	(60 - 140)
Toluene-d8	95	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_30

GC Semivolatiles

Lot-Sample #...: E1E180311-004 **Work Order #...:** EDMFJ1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:39 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 07:14
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_30

GC Volatiles

Lot-Sample #...:	E1E180311-004	**Work Order #...:**	EDMFJ1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:39	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	19:20		
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: PD_27_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-004 **Work Order #...:** EDMFJ1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:39 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1142261
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1142438 **Analysis Time..:** 00:48
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	**37**	**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	**10**	**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	**3.1 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	**55**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**23**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	**59**	**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_27_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-004 **Work Order #...:** EDMFJ1AA **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	97	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
Toluene-d8	97	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_40

GC Semivolatiles

Lot-Sample #...:	E1E180311-005	**Work Order #...:**	EDMFK1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:52	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141266
Prep Date.....:	05/21/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1141505	**Analysis Time..:**	08:17		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	**31**	**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	**6.9 J**	**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	**57**	**10**	**mg/kg**	**5.0**

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

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_40

GC Volatiles

Lot-Sample #...:	E1E180311-005	**Work Order #...:**	EDMFK1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:52	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143469	**Analysis Time..:**	16:12		
Dilution Factor:	10				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**1100**	**100**	**mg/kg**	**60**

NOTE(S):

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_40

GC/MS Volatiles

Lot-Sample #...: E1E180311-005 **Work Order #...:** EDMFK1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:52 **Date Received..:** 05/18/01 18:00 **MS Run #.....:**
Prep Date.....: 05/22/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1145338 **Analysis Time..:** 15:25
Dilution Factor: 40
Analyst ID.....: 004648 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	50000	ug/kg	16000
Acrolein	ND	200000	ug/kg	80000
Acrylonitrile	ND	100000	ug/kg	80000
Benzene	ND	10000	ug/kg	4000
Bromobenzene	ND	10000	ug/kg	2800
Bromochloromethane	ND	10000	ug/kg	3000
Bromodichloromethane	ND	10000	ug/kg	4000
Bromoform	ND	10000	ug/kg	4000
Bromomethane	ND	20000	ug/kg	10000
2-Butanone	ND	50000	ug/kg	20000
n-Butylbenzene	ND	10000	ug/kg	2800
sec-Butylbenzene	ND	10000	ug/kg	2800
tert-Butylbenzene	ND	10000	ug/kg	2800
Carbon disulfide	ND	10000	ug/kg	4000
Carbon tetrachloride	ND	10000	ug/kg	2400
Chlorobenzene	ND	10000	ug/kg	4000
Dibromochloromethane	ND	10000	ug/kg	4000
1,2-Dibromo-3-chloro-propane	ND	20000	ug/kg	6000
Chloroethane	ND	20000	ug/kg	10000
2-Chloroethyl vinyl ether	ND	20000	ug/kg	10000
Chloroform	ND	10000	ug/kg	2800
Chloromethane	ND	20000	ug/kg	8000
2-Chlorotoluene	ND	10000	ug/kg	2800
4-Chlorotoluene	ND	10000	ug/kg	2800
1,2-Dibromoethane	ND	10000	ug/kg	2800
1,2-Dichlorobenzene	ND	10000	ug/kg	4000
1,3-Dichlorobenzene	ND	10000	ug/kg	2800
1,4-Dichlorobenzene	ND	10000	ug/kg	4000
Dichlorodifluoromethane	ND	20000	ug/kg	6800
1,1-Dichloroethane	ND	10000	ug/kg	4000
1,2-Dichloroethane	ND	10000	ug/kg	2800
1,1-Dichloroethene	ND	10000	ug/kg	4800
cis-1,2-Dichloroethene	ND	10000	ug/kg	4000
trans-1,2-Dichloroethene	ND	10000	ug/kg	4800
1,2-Dichloropropane	ND	10000	ug/kg	4000
2,2-Dichloropropane	ND	10000	ug/kg	2400

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_40

GC/MS Volatiles

Lot-Sample #...: E1E180311-005 **Work Order #...:** EDMFK1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	10000	ug/kg	4000
cis-1,3-Dichloropropene	ND	10000	ug/kg	4000
trans-1,3-Dichloropropene	ND	10000	ug/kg	2800
Ethylbenzene	ND	10000	ug/kg	2800
Trichlorofluoromethane	ND	20000	ug/kg	2800
Hexachlorobutadiene	ND	10000	ug/kg	2800
2-Hexanone	ND	50000	ug/kg	12000
Iodomethane	ND	20000	ug/kg	10000
Isopropylbenzene	ND	10000	ug/kg	4800
p-Isopropyltoluene	ND	10000	ug/kg	2800
Methylene chloride	ND	10000	ug/kg	2000
4-Methyl-2-pentanone	**160000**	**50000**	**ug/kg**	**16000**
n-Propylbenzene	ND	10000	ug/kg	4400
Styrene	ND	20000	ug/kg	4000
1,1,1,2-Tetrachloroethane	ND	10000	ug/kg	2000
1,1,2,2-Tetrachloroethane	ND	10000	ug/kg	4000
Tetrachloroethene	ND	10000	ug/kg	3200
Tetrahydrofuran	ND	40000	ug/kg	20000
Toluene	**360000**	**10000**	**ug/kg**	**2400**
1,2,3-Trichlorobenzene	ND	10000	ug/kg	2800
1,2,4-Trichloro-benzene	ND	10000	ug/kg	2800
1,1,1-Trichloroethane	**12000**	**10000**	**ug/kg**	**2800**
1,1,2-Trichloroethane	ND	10000	ug/kg	4000
Trichloroethene	ND	10000	ug/kg	2400
1,2,3-Trichloropropane	ND	10000	ug/kg	4400
1,2,4-Trimethylbenzene	ND	10000	ug/kg	2800
1,3,5-Trimethylbenzene	ND	10000	ug/kg	4800
Vinyl acetate	ND	20000	ug/kg	10000
Vinyl chloride	ND	20000	ug/kg	6000
Xylenes (total)	ND	10000	ug/kg	6800
Methyl tert-butyl ether	ND	10000	ug/kg	4000

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	0.0 SRD,NC	(60 - 140)
1,2-Dichloroethane-d4	0.0 SRD,NC	(60 - 140)
Toluene-d8	0.0 SRD,NC	(60 - 140)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

NC The recovery and/or RPD were not calculated.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_50

GC Semivolatiles

Lot-Sample #...:	E1E180311-006	**Work Order #...:**	EDMFL1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:59	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141266
Prep Date.....:	05/21/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1141505	**Analysis Time..:**	18:20		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	**80**	**10**	**mg/kg**	**5.0**
C10-C11	**5.2 J**	**10**	**mg/kg**	**5.0**
C12-C13	ND	10	mg/kg	5.0
C14-C15	**5.8 J**	**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
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	**100**	**10**	**mg/kg**	**5.0**

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

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_50

GC Volatiles

Lot-Sample #...:	E1E180311-006	**Work Order #...:**	EDMFL1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 08:59	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143469	**Analysis Time..:**	06:40		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**5700**	**500**	**mg/kg**	**6.0**

NOTE(S):

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_50

GC/MS Volatiles

Lot-Sample #...: E1E180311-006 **Work Order #...:** EDMFL1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 08:59 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1142285
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142472 **Analysis Time..:** 22:58
Dilution Factor: 200
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	100000	ug/kg	34000
Chloromethane	ND	100000	ug/kg	40000
Vinyl chloride	ND	100000	ug/kg	30000
Bromomethane	ND	100000	ug/kg	50000
Chloroethane	ND	100000	ug/kg	50000
Trichlorofluoromethane	ND	100000	ug/kg	14000
Acrolein	ND	1000000	ug/kg	400000
1,1-Dichloroethene	ND	50000	ug/kg	24000
Iodomethane	ND	100000	ug/kg	50000
Acetone	ND	250000	ug/kg	80000
Carbon disulfide	ND	50000	ug/kg	20000
Methylene chloride	ND	50000	ug/kg	10000
trans-1,2-Dichloroethene	ND	50000	ug/kg	24000
Acrylonitrile	ND	500000	ug/kg	400000
Methyl tert-butyl ether	ND	50000	ug/kg	20000
1,1-Dichloroethane	ND	50000	ug/kg	20000
Vinyl acetate	ND	100000	ug/kg	50000
2,2-Dichloropropane	ND	50000	ug/kg	12000
cis-1,2-Dichloroethene	ND	50000	ug/kg	20000
2-Butanone	**590000**	**250000**	**ug/kg**	**100000**
Bromochloromethane	ND	50000	ug/kg	15000
Chloroform	ND	50000	ug/kg	14000
Tetrahydrofuran	ND	200000	ug/kg	100000
1,1,1-Trichloroethane	**1600000**	**50000**	**ug/kg**	**14000**
1,1-Dichloropropene	ND	50000	ug/kg	20000
Carbon tetrachloride	ND	50000	ug/kg	12000
Benzene	ND	50000	ug/kg	20000
1,2-Dichloroethane	ND	50000	ug/kg	14000
Trichloroethene	ND	50000	ug/kg	12000
1,2-Dichloropropane	ND	50000	ug/kg	20000
Bromodichloromethane	ND	50000	ug/kg	20000
2-Chloroethyl vinyl ether	ND	100000	ug/kg	50000
cis-1,3-Dichloropropene	ND	50000	ug/kg	20000
4-Methyl-2-pentanone	**650000**	**250000**	**ug/kg**	**80000**
Toluene	**970000**	**50000**	**ug/kg**	**12000**
trans-1,3-Dichloropropene	ND	50000	ug/kg	14000
1,1,2-Trichloroethane	ND	50000	ug/kg	20000

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_50

GC/MS Volatiles

Lot-Sample #...: E1E180311-006 **Work Order #...:** EDMFL1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	50000	ug/kg	16000
2-Hexanone	ND	250000	ug/kg	60000
Dibromochloromethane	ND	50000	ug/kg	20000
1,2-Dibromoethane	ND	50000	ug/kg	14000
Chlorobenzene	ND	50000	ug/kg	20000
Ethylbenzene	ND	50000	ug/kg	14000
Xylenes (total)	ND	50000	ug/kg	34000
Styrene	ND	100000	ug/kg	20000
Bromoform	ND	50000	ug/kg	20000
Isopropylbenzene	ND	50000	ug/kg	24000
p-Isopropyltoluene	ND	50000	ug/kg	14000
Bromobenzene	ND	50000	ug/kg	14000
1,1,1,2-Tetrachloroethane	ND	50000	ug/kg	10000
1,1,2,2-Tetrachloroethane	ND	50000	ug/kg	20000
1,2,3-Trichloropropane	ND	50000	ug/kg	22000
n-Propylbenzene	ND	50000	ug/kg	22000
2-Chlorotoluene	ND	50000	ug/kg	14000
4-Chlorotoluene	ND	50000	ug/kg	14000
1,3,5-Trimethylbenzene	ND	50000	ug/kg	24000
tert-Butylbenzene	ND	50000	ug/kg	14000
1,2,4-Trimethylbenzene	ND	50000	ug/kg	14000
sec-Butylbenzene	ND	50000	ug/kg	14000
1,3-Dichlorobenzene	ND	50000	ug/kg	14000
1,4-Dichlorobenzene	ND	50000	ug/kg	20000
1,2-Dichlorobenzene	ND	50000	ug/kg	20000
n-Butylbenzene	ND	50000	ug/kg	14000
1,2-Dibromo-3-chloro-propane	ND	100000	ug/kg	30000
1,2,4-Trichloro-benzene	ND	50000	ug/kg	14000
Hexachlorobutadiene	ND	50000	ug/kg	14000
1,2,3-Trichlorobenzene	ND	50000	ug/kg	14000

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	0.0 SRD,NC	(60 - 140)
1,2-Dichloroethane-d4	0.0 SRD,NC	(60 - 140)
Toluene-d8	0.0 SRD,NC	(60 - 140)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

NC The recovery and/or RPD were not calculated.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_60

GC Semivolatiles

Lot-Sample #...: E1E180311-007 **Work Order #...:** EDMFM1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 09:11 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/26/01
Prep Batch #...: 1141505 **Analysis Time..:** 08:41
Dilution Factor: 5
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	**400**	**50**	**mg/kg**	**25**
C10-C11	**31 J**	**50**	**mg/kg**	**25**
C12-C13	ND	50	mg/kg	25
C14-C15	ND	50	mg/kg	25
C16-C17	ND	50	mg/kg	25
C18-C19	ND	50	mg/kg	25
C20-C23	ND	50	mg/kg	25
C24-C27	ND	50	mg/kg	25
C28-C31	ND	50	mg/kg	25
C32-C35	ND	50	mg/kg	25
C36-C39	ND	50	mg/kg	25
C40+	ND	50	mg/kg	25
Total Carbon Chain Range	**480**	**50**	**mg/kg**	**25**

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

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_60

GC Volatiles

Lot-Sample #...:	E1E180311-007	**Work Order #...:**	EDMFM1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 09:11	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143469	**Analysis Time..:**	17:08		
Dilution Factor:	100				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**9200**	**1000**	**mg/kg**	**600**

NOTE(S):

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_60

GC/MS Volatiles

Lot-Sample #...: E1E180311-007 **Work Order #...:** EDMFM1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 09:11 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1142285
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142472 **Analysis Time..:** 23:31
Dilution Factor: 500
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	250000	ug/kg	85000
Chloromethane	ND	250000	ug/kg	100000
Vinyl chloride	ND	250000	ug/kg	75000
Bromomethane	ND	250000	ug/kg	120000
Chloroethane	ND	250000	ug/kg	120000
Trichlorofluoromethane	ND	250000	ug/kg	35000
Acrolein	ND	2500000	ug/kg	1000000
1,1-Dichloroethene	ND	120000	ug/kg	60000
Iodomethane	ND	250000	ug/kg	120000
Acetone	ND	620000	ug/kg	200000
Carbon disulfide	ND	120000	ug/kg	50000
Methylene chloride	ND	120000	ug/kg	25000
trans-1,2-Dichloroethene	ND	120000	ug/kg	60000
Acrylonitrile	ND	1200000	ug/kg	1000000
Methyl tert-butyl ether	ND	120000	ug/kg	50000
1,1-Dichloroethane	ND	120000	ug/kg	50000
Vinyl acetate	ND	250000	ug/kg	120000
2,2-Dichloropropane	ND	120000	ug/kg	30000
cis-1,2-Dichloroethene	ND	120000	ug/kg	50000
2-Butanone	**8700000**	**620000**	**ug/kg**	**250000**
Bromochloromethane	ND	120000	ug/kg	38000
Chloroform	ND	120000	ug/kg	35000
Tetrahydrofuran	ND	500000	ug/kg	250000
1,1,1-Trichloroethane	**5200000**	**120000**	**ug/kg**	**35000**
1,1-Dichloropropene	ND	120000	ug/kg	50000
Carbon tetrachloride	ND	120000	ug/kg	30000
Benzene	ND	120000	ug/kg	50000
1,2-Dichloroethane	ND	120000	ug/kg	35000
Trichloroethene	**36000 J**	**120000**	**ug/kg**	**30000**
1,2-Dichloropropane	ND	120000	ug/kg	50000
Bromodichloromethane	ND	120000	ug/kg	50000
2-Chloroethyl vinyl ether	ND	250000	ug/kg	120000
cis-1,3-Dichloropropene	ND	120000	ug/kg	50000
4-Methyl-2-pentanone	**1300000**	**620000**	**ug/kg**	**200000**
Toluene	**1400000**	**120000**	**ug/kg**	**30000**
trans-1,3-Dichloropropene	ND	120000	ug/kg	35000
1,1,2-Trichloroethane	ND	120000	ug/kg	50000

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_27_60

GC/MS Volatiles

Lot-Sample #...: E1E180311-007 **Work Order #...:** EDMFM1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	120000	ug/kg	40000
2-Hexanone	ND	620000	ug/kg	150000
Dibromochloromethane	ND	120000	ug/kg	50000
1,2-Dibromoethane	ND	120000	ug/kg	35000
Chlorobenzene	ND	120000	ug/kg	50000
Ethylbenzene	ND	120000	ug/kg	35000
Xylenes (total)	ND	120000	ug/kg	85000
Styrene	ND	250000	ug/kg	50000
Bromoform	ND	120000	ug/kg	50000
Isopropylbenzene	ND	120000	ug/kg	60000
p-Isopropyltoluene	ND	120000	ug/kg	35000
Bromobenzene	ND	120000	ug/kg	35000
1,1,1,2-Tetrachloroethane	ND	120000	ug/kg	25000
1,1,2,2-Tetrachloroethane	ND	120000	ug/kg	50000
1,2,3-Trichloropropane	ND	120000	ug/kg	55000
n-Propylbenzene	ND	120000	ug/kg	55000
2-Chlorotoluene	ND	120000	ug/kg	35000
4-Chlorotoluene	ND	120000	ug/kg	35000
1,3,5-Trimethylbenzene	ND	120000	ug/kg	60000
tert-Butylbenzene	ND	120000	ug/kg	35000
1,2,4-Trimethylbenzene	ND	120000	ug/kg	35000
sec-Butylbenzene	ND	120000	ug/kg	35000
1,3-Dichlorobenzene	ND	120000	ug/kg	35000
1,4-Dichlorobenzene	ND	120000	ug/kg	50000
1,2-Dichlorobenzene	ND	120000	ug/kg	50000
n-Butylbenzene	ND	120000	ug/kg	35000
1,2-Dibromo-3-chloro-propane	ND	250000	ug/kg	75000
1,2,4-Trichloro-benzene	ND	120000	ug/kg	35000
Hexachlorobutadiene	ND	120000	ug/kg	35000
1,2,3-Trichlorobenzene	ND	120000	ug/kg	35000

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	0.0 SRD,NC	(60 - 140)
1,2-Dichloroethane-d4	0.0 SRD,NC	(60 - 140)
Toluene-d8	0.0 SRD,NC	(60 - 140)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

NC The recovery and/or RPD were not calculated.

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_20

GC Semivolatiles

Lot-Sample #...: E1E180311-008 **Work Order #...:** EDMFN1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 10:27 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 09:36
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_20

GC Volatiles

Lot-Sample #...:	E1E180311-008	**Work Order #...:**	EDMFN1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 10:27	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	19:47		
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: PD_29_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-008 **Work Order #...:** EDMFN1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 10:27 **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..:** 15:07
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	**26**	**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	**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	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**21**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	**3.5 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: PD_29_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-008 **Work Order #...:** EDMFN1AA **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	116	(70 - 130)
1,2-Dichloroethane-d4	100	(60 - 140)
Toluene-d8	100	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_25

GC Semivolatiles

Lot-Sample #...: E1E180311-009 **Work Order #...:** EDMFQ1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 10:34 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 10:14
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_25

GC Volatiles

Lot-Sample #...:	E1E180311-009	**Work Order #...:**	EDMFQ1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 10:34	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	20:14		
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: PD_29_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-009 **Work Order #...:** EDMFQ1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 10:34 **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..:** 15:40
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	**9.1**	**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	**2.5 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	**1.9 J**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**2.9 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	**59**	**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_29_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-009 **Work Order #...:** EDMFQ1AA **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	101	(70 - 130)
1,2-Dichloroethane-d4	97	(60 - 140)
Toluene-d8	88	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_30

GC Semivolatiles

Lot-Sample #...: E1E180311-010 **Work Order #...:** EDMFR1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 10:42 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 12:12
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_30

GC Volatiles

Lot-Sample #...:	E1E180311-010	**Work Order #...:**	EDMFR1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 10:42	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	20:40		
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: PD_29_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-010 **Work Order #...:** EDMFR1AA **Matrix.....:** SOLID
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..:** 11:50
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	**13**	**5.0**	**ug/kg**	**2.0**
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**3.0 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	**16 J**	**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	**4.6 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	**67**	**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	**2.1 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: PD_29_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-010 **Work Order #...:** EDMFR1AA **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	115	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	110	(70 - 130)

NOTE(S) :

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_40

GC Semivolatiles

Lot-Sample #...: E1E180311-011 **Work Order #...:** EDMFT1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 10:47 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 12:51
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_40

GC Volatiles

Lot-Sample #...:	E1E180311-011	**Work Order #...:**	EDMFT1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 10:47	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	21:38		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.12 J,B**	**1.0**	**mg/kg**	**0.10**

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

NOTE(S):

J Estimated result. Result is less than RL.

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_40

GC/MS Volatiles

Lot-Sample #...: E1E180311-011 **Work Order #...:** EDMFT1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 10:47 **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..:** 16:13
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	**320**	**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	**4.2 J**	**5.0**	**ug/kg**	**2.0**
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	**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	**7.4**	**5.0**	**ug/kg**	**2.0**
2-Butanone	**33**	**25**	**ug/kg**	**15**
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	**8.9**	**5.0**	**ug/kg**	**1.0**
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	**28**	**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	**400**	**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_29_40

GC/MS Volatiles

Lot-Sample #...: E1E180311-011 **Work Order #...:** EDMFT1AA **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	125	(70 - 130)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	111	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_50

GC Semivolatiles

Lot-Sample #...: E1E180311-012 **Work Order #...:** EDMFV1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 11:04 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 13:29
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_50

GC Volatiles

Lot-Sample #...: E1E180311-012 **Work Order #...:** EDMFV1AD **Matrix.....:** SOLID
Date Sampled...: 05/18/01 11:04 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143136
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1143297 **Analysis Time..:** 22:04
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)	90	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_50

GC/MS Volatiles

Lot-Sample #...: E1E180311-012 **Work Order #...:** EDMFV1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 11:04 **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..:** 16:46
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	**22 J**	**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	**9.6**	**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_29_50

GC/MS Volatiles

Lot-Sample #...: E1E180311-012 **Work Order #...:** EDMFV1AA **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	103	(60 - 140)
Toluene-d8	100	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_60

GC Semivolatiles

Lot-Sample #...: E1E180311-013 **Work Order #...:** EDMFW1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 11:15 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141266
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141505 **Analysis Time..:** 14:08
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	63	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_60

GC Volatiles

Lot-Sample #...:	E1E180311-013	**Work Order #...:**	EDMFW1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 11:15	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	22:31		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.61 J,B**	**1.0**	**mg/kg**	**0.10**

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

NOTE(S):

J Estimated result. Result is less than RL.

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

Unknown peaks were detected.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_29_60

GC/MS Volatiles

Lot-Sample #...: E1E180311-013 **Work Order #...:** EDMFW1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 11:15 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 11:04
Dilution Factor: 5
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	50	ug/kg	5.0
Chloromethane	ND	50	ug/kg	15
Vinyl chloride	ND	50	ug/kg	10
Bromomethane	ND	50	ug/kg	10
Chloroethane	ND	50	ug/kg	10
Trichlorofluoromethane	ND	50	ug/kg	10
Acrolein	ND	500	ug/kg	150
1,1-Dichloroethene	**730**	**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	**17 J**	**25**	**ug/kg**	**10**
Acrylonitrile	ND	250	ug/kg	150
Methyl tert-butyl ether	ND	25	ug/kg	5.0
1,1-Dichloroethane	**48**	**25**	**ug/kg**	**5.0**
Vinyl acetate	ND	50	ug/kg	25
2,2-Dichloropropane	ND	25	ug/kg	10
cis-1,2-Dichloroethene	**34**	**25**	**ug/kg**	**10**
2-Butanone	ND	120	ug/kg	75
Bromochloromethane	ND	25	ug/kg	5.0
Chloroform	**31**	**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	ND	25	ug/kg	5.0
Trichloroethene	**870**	**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: PD_29_60

GC/MS Volatiles

Lot-Sample #...: E1E180311-013 **Work Order #...:** EDMFW1AA **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	108	(70 - 130)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	121	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_20

GC Semivolatiles

Lot-Sample #...: E1E180311-014 **Work Order #...:** EDMFX1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:11 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 14:22
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_20

GC Volatiles

Lot-Sample #...: E1E180311-014 **Work Order #...:** EDMFX1AD **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:11 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143136
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1143297 **Analysis Time..:** 22:57
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)	90	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-014 **Work Order #...:** EDMFX1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:11 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1144297
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 11:34
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSD
Method.....: SW846 8260B

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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-014 **Work Order #...:** EDMFX1AA **Matrix.....:** SOLID

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	123	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_25

GC Semivolatiles

Lot-Sample #...: E1E180311-015 **Work Order #...:** EDMF01AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:16 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 16:19
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_25

GC Volatiles

Lot-Sample #...:	E1E180311-015	**Work Order #...:**	EDMF01AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 13:16	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	23:24		
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)	91	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-015 **Work Order #...:** EDMF01AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:16 **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..:** 18:24
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	**54**	**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	**2.7 J**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**48**	**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_30_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-015 **Work Order #...:** EDMF01AA **Matrix.....:** SOLID

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_30

GC Semivolatiles

Lot-Sample #...: E1E180311-016 **Work Order #...:** EDMF11AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:20 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 16:58
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_30

GC Volatiles

Lot-Sample #...:	E1E180311-016	**Work Order #...:**	EDMF11AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 13:20	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1143297	**Analysis Time..:**	23:51		
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)	83	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-016 **Work Order #...:** EDMF11AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:20 **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..:** 18:56
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	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**6.7**	**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_30_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-016 **Work Order #...:** EDMF11AA **Matrix.....:** SOLID

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_40

GC Semivolatiles

Lot-Sample #...: E1E180311-017 **Work Order #...:** EDMF21AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:31 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 17:36
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	88	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_40

GC Volatiles

Lot-Sample #...:	E1E180311-017	**Work Order #...:**	EDMF21AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 13:31	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143297	**Analysis Time..:**	00:17		
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: PD_30_40

GC/MS Volatiles

Lot-Sample #...: E1E180311-017 **Work Order #...:** EDMF21AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:31 **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..:** 19:29
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	**2.5 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	**21**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_40

GC/MS Volatiles

Lot-Sample #...: E1E180311-017 **Work Order #...:** EDMF21AA **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	106	(60 - 140)
Toluene-d8	101	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_50

GC Semivolatiles

Lot-Sample #...:	E1E180311-018	**Work Order #...:**	EDMF31AC	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 13:38	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141270
Prep Date.....:	05/21/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1141508	**Analysis Time..:**	18:15		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_50

GC Volatiles

Lot-Sample #...:	E1E180311-018	**Work Order #...:**	EDMF31AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 13:38	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143297	**Analysis Time..:**	00:44		
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)	90	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_50

GC/MS Volatiles

Lot-Sample #...: E1E180311-018 **Work Order #...:** EDMF31AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:38 **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..:** 20:02
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	**6.6**	**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_30_50

GC/MS Volatiles

Lot-Sample #...: E1E180311-018 **Work Order #...:** EDMF31AA **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	104	(60 - 140)
Toluene-d8	111	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_60

GC Semivolatiles

Lot-Sample #...: E1E180311-019 **Work Order #...:** EDMF41AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:48 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 18:54
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	90	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_60

GC Volatiles

Lot-Sample #...:	E1E180311-019	**Work Order #...:**	EDMF41AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 13:48	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143297	**Analysis Time..:**	01:11		
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)	85	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: PD_30_60

GC/MS Volatiles

Lot-Sample #...: E1E180311-019 **Work Order #...:** EDMF41AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 13:48 **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..:** 20:35
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	**3.5 J**	**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_30_60

GC/MS Volatiles

Lot-Sample #...: E1E180311-019 **Work Order #...:** EDMF41AA **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	105	(70 - 130)
1,2-Dichloroethane-d4	71	(60 - 140)
Toluene-d8	95	(70 - 130)

NOTE(S) :

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_20

GC Semivolatiles

Lot-Sample #...: E1E180311-020 **Work Order #...:** EDMF51AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 14:51 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 19:32
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	70	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_20

GC Volatiles

Lot-Sample #...:	E1E180311-020	**Work Order #...:**	EDMF51AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 14:51	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143136
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143297	**Analysis Time..:**	01:37		
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)	91	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-020 **Work Order #...:** EDMF51AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 14:51 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 00:15
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**2.6 J**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-020 **Work Order #...:** EDMF51AA **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	116	(70 - 130)
1,2-Dichloroethane-d4	104	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_25

GC Semivolatiles

Lot-Sample #...:	E1E180311-021	**Work Order #...:**	EDMF61AC	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 14:58	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141270
Prep Date.....:	05/21/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1141508	**Analysis Time..:**	20:12		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		Method.....:	SW846 8015B		

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_25

GC Volatiles

Lot-Sample #...: E1E180311-021 **Work Order #...:** EDMF61AD **Matrix.....:** SOLID
Date Sampled...: 05/18/01 14:58 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143224
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143444 **Analysis Time..:** 05:10
Dilution Factor: 1
Analyst ID.....: 001464 **Instrument ID..:** G15
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	ND	1.0	mg/kg	0.10
C6-C8	ND	1.0	mg/kg	0.10

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-021 **Work Order #...:** EDMF61AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 14:58 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 01:53
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**9.3**	**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	**49**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-021 **Work Order #...:** EDMF61AA **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	122	(70 - 130)
1,2-Dichloroethane-d4	110	(60 - 140)
Toluene-d8	107	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_30

GC Semivolatiles

Lot-Sample #...: E1E180311-022 **Work Order #...:** EDMF71AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 15:03 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 22:08
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_30

GC Volatiles

Lot-Sample #...:	E1E180311-022	**Work Order #...:**	EDMF71AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 15:03	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143224
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143444	**Analysis Time..:**	05:37		
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: 1_25_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-022 **Work Order #...:** EDMF71AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 15:03 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 02:26
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-022 **Work Order #...:** EDMF71AA **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	103	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	94	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_40

GC Semivolatiles

Lot-Sample #...: E1E180311-023 **Work Order #...:** EDMF81AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 15:14 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 22:47
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_40

GC Volatiles

Lot-Sample #...:	E1E180311-023	**Work Order #...:**	EDMF81AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 15:14	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143224
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143444	**Analysis Time..:**	06:03		
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: 1_25_40

GC/MS Volatiles

Lot-Sample #...: E1E180311-023 **Work Order #...:** EDMF81AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 15:14 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 02:58
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**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: 1_25_40

GC/MS Volatiles

Lot-Sample #...: E1E180311-023 **Work Order #...:** EDMF81AA **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	103	(70 - 130)
1,2-Dichloroethane-d4	70	(60 - 140)
Toluene-d8	93	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_50

GC Semivolatiles

Lot-Sample #...: E1E180311-024 **Work Order #...:** EDMF91AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 15:24 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1141508 **Analysis Time..:** 23:25
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	92	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_50

GC Volatiles

Lot-Sample #...:	E1E180311-024	**Work Order #...:**	EDMF91AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 15:24	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143224
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143444	**Analysis Time..:**	06:30		
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: 1_25_50

GC/MS Volatiles

Lot-Sample #...: E1E180311-024 **Work Order #...:** EDMF91AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 15:24 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 03:31
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_50

GC/MS Volatiles

Lot-Sample #...: E1E180311-024 **Work Order #...:** EDMF91AA **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	102	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
Toluene-d8	93	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E1E180311-025 **Work Order #...:** EDMGA1AA **Matrix.....:** WATER
Date Sampled...: 05/18/01 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1142296
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142493 **Analysis Time..:** 21:00
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSC
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**6.3 J**	**10**	**ug/L**	**3.0**
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E1E180311-025 **Work Order #...:** EDMGA1AA **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	106	(75 - 120)
1,2-Dichloroethane-d4	99	(65 - 130)
Toluene-d8	115	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_60

GC Semivolatiles

Lot-Sample #...: E1E180311-026 **Work Order #...:** EDMGD1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 15:35 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141508 **Analysis Time..:** 00:04
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_60

GC Volatiles

Lot-Sample #...:	E1E180311-026	**Work Order #...:**	EDMGD1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 15:35	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143224
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143444	**Analysis Time..:**	06:56		
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)	91	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_25_60

GC/MS Volatiles

Lot-Sample #...: E1E180311-026 **Work Order #...:** EDMGD1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 15:35 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 04:04
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**4.1 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	**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: 1_25_60

GC/MS Volatiles

Lot-Sample #...: E1E180311-026 **Work Order #...:** EDMGD1AA **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	100	(70 - 130)
1,2-Dichloroethane-d4	74	(60 - 140)
Toluene-d8	92	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_20

GC Semivolatiles

Lot-Sample #...: E1E180311-027 **Work Order #...:** EDMGE1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 16:39 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141508 **Analysis Time..:** 00:43
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_20

GC Volatiles

Lot-Sample #...:	E1E180311-027	**Work Order #...:**	EDMGE1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 16:39	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143224
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143444	**Analysis Time..:**	07:23		
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)	63	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-027 **Work Order #...:** EDMGE1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 16:39 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 04:37
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	**2.8 J**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_20

GC/MS Volatiles

Lot-Sample #...: E1E180311-027 **Work Order #...:** EDMGE1AA **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	105	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	94	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_25

GC Semivolatiles

Lot-Sample #...: E1E180311-028 **Work Order #...:** EDMGF1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 16:45 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141508 **Analysis Time..:** 01:22
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_25

GC Volatiles

Lot-Sample #...: E1E180311-028 **Work Order #...:** EDMGF1AD **Matrix.....:** SOLID
Date Sampled...: 05/18/01 16:45 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143224
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143444 **Analysis Time..:** 07:50
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: 1_31_1_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-028 **Work Order #...:** EDMGF1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 16:45 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 05:09
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**4.8 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	**27**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_25

GC/MS Volatiles

Lot-Sample #...: E1E180311-028 **Work Order #...:** EDMGF1AA **Matrix.....:** SOLID

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
Toluene-d8	98	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_30

GC Semivolatiles

Lot-Sample #...: E1E180311-029 **Work Order #...:** EDMGG1AC **Matrix.....:** SOLID
Date Sampled...: 05/18/01 16:49 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1141270
Prep Date.....: 05/21/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1141508 **Analysis Time..:** 02:01
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
Method.....: SW846 8015B

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_30

GC Volatiles

Lot-Sample #...:	E1E180311-029	**Work Order #...:**	EDMGG1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/18/01 16:49	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143224
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143444	**Analysis Time..:**	08:16		
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: 1_31_1_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-029 **Work Order #...:** EDMGG1AA **Matrix.....:** SOLID
Date Sampled...: 05/18/01 16:49 **Date Received..:** 05/18/01 18:00 **MS Run #.....:** 1143216
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1143429 **Analysis Time..:** 05:42
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSG
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	**7.5**	**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	**31**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_31_1_30

GC/MS Volatiles

Lot-Sample #...: E1E180311-029 **Work Order #...:** EDMGG1AA **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	105	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	96	(70 - 130)

KENNEDY/JENKS CONSULTANTS

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GC/MS Volatiles

Lot-Sample #: E1E180311-025 **Work Order #:** EDMGA1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

QC DATA ASSOCIATION SUMMARY

E1E180311

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1142438	1142261
002	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1142438	1142261
003	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1142438	1142261
004	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1142438	1142261
005	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143469	
	SOLID	SW846 8260B		1145338	
006	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143469	
	SOLID	SW846 8260B		1142472	1142285
007	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143469	
	SOLID	SW846 8260B		1142472	1142285
008	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
009	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
010	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
011	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093

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QC DATA ASSOCIATION SUMMARY

E1E180311

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
013	SOLID	SW846 8015B		1141505	1141266
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144530	1144297
014	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144530	1144297
015	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
016	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
017	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
018	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
019	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1144217	1144093
020	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143297	1143136
	SOLID	SW846 8260B		1143429	1143216
021	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143444	1143224
	SOLID	SW846 8260B		1143429	1143216
022	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143444	1143224
	SOLID	SW846 8260B		1143429	1143216

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QC DATA ASSOCIATION SUMMARY

E1E180311

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
023	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143444	1143224
	SOLID	SW846 8260B		1143429	1143216
024	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143444	1143224
	SOLID	SW846 8260B		1143429	1143216
025	WATER	SW846 8260B		1142493	1142296
026	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143444	1143224
	SOLID	SW846 8260B		1143429	1143216
027	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143444	1143224
	SOLID	SW846 8260B		1143429	1143216
028	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143444	1143224
	SOLID	SW846 8260B		1143429	1143216
029	SOLID	SW846 8015B		1141508	1141270
	SOLID	SW846 8015B		1143444	1143224
	SOLID	SW846 8260B		1143429	1143216

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1E180311
MB Lot-Sample #: E1E210000-505
Work Order #...: EDN511AA
Matrix.....: SOLID
Prep Date.....: 05/21/01
Analysis Time..: 17:02
Analysis Date..: 05/22/01
Prep Batch #...: 1141505
Instrument ID..: G03
Dilution Factor: 1
Analyst ID.....: 356074

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

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

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1E180311
MB Lot-Sample #: E1E210000-508

Work Order #...: EDN561AA
Prep Date.....: 05/21/01
Prep Batch #...: 1141508
Analyst ID.....: 356074

Matrix.....: SOLID
Analysis Time..: 22:14
Instrument ID..: G03

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

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	108	(60 - 130)

NOTE(S):

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

Surrogate recoveries for C -Chain-13.5139ppm=108.11% (diesel C10-C24)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E180311
MB Lot-Sample #: E1E220000-438
Work Order #...: EDQ4E1AA
Matrix.....: SOLID
Prep Date.....: 05/21/01
Analysis Time..: 21:46
Analysis Date..: 05/21/01
Prep Batch #...: 1142438
Instrument ID..: MSD
Dilution Factor: 1
Analyst ID.....: 015590

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 #...: E1E180311 **Work Order #...:** EDQ4E1AA **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	96	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	99	(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 #...: E1E180311
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 #...: E1E180311 **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 #...: E1E180311 **Work Order #...:** EDRA31AA **Matrix.....:** WATER
MB Lot-Sample #: E1E220000-493

Prep Date.....: 05/21/01 **Analysis Time..:** 20:00
Analysis Date..: 05/21/01 **Prep Batch #...:** 1142493 **Instrument ID..:** MSC
Dilution Factor: 1

Analyst ID.....: 015590

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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDRA31AA **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	104	(75 - 120)
1,2-Dichloroethane-d4	94	(65 - 130)
Toluene-d8	113	(80 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1E180311
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/MS Volatiles

Client Lot #...: E1E180311
MB Lot-Sample #: E1E230000-429
Work Order #...: EDTR91AA
Matrix.....: SOLID
Prep Date.....: 05/22/01
Analysis Time..: 23:42
Analysis Date..: 05/22/01
Prep Batch #...: 1143429
Instrument ID..: MSG
Dilution Factor: 1
Analyst ID.....: 015590

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 #...: E1E180311 **Work Order #...:** EDTR91AA **Matrix.....:** SOLID

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)
1,2-Dichloroethane-d4	95	(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 Volatiles

Client Lot #...: E1E180311
MB Lot-Sample #: E1E230000-444

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

Work Order #...: EDTVQ1AA

Prep Date.....: 05/22/01
Prep Batch #...: 1143444

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 04:43
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)	87	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1E180311
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

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDV2L1AA **Matrix.....:** SOLID
MB Lot-Sample #: E1E240000-217

Prep Date.....: 05/23/01 **Analysis Time..:** 11:07
Analysis Date..: 05/23/01 **Prep Batch #...:** 1144217 **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 #...: E1E180311 **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.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E180311
MB Lot-Sample #: E1E240000-530

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

Work Order #...: EDXWK1AA

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

Analyst ID.....: 015590

Matrix.....: SOLID

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

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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDXWK1AA **Matrix.....:** SOLID

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	119	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E180311
MB Lot-Sample #: E1E250000-338

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

Work Order #...: ED0231AA

Prep Date.....: 05/22/01
Prep Batch #...: 1145338

Analyst ID.....: 004648

Matrix.....: SOLID

Analysis Time..: 12:01
Instrument ID..: MSG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1200	ug/kg	SW846 8260B
Acrolein	ND	5000	ug/kg	SW846 8260B
Acrylonitrile	ND	2500	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromobenzene	ND	250	ug/kg	SW846 8260B
Bromochloromethane	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
2-Butanone	ND	1200	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
sec-Butylbenzene	ND	250	ug/kg	SW846 8260B
tert-Butylbenzene	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	500	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	500	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
2-Chlorotoluene	ND	250	ug/kg	SW846 8260B
4-Chlorotoluene	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	500	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** ED0231AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethylbenzene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	500	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1200	ug/kg	SW846 8260B
Iodomethane	ND	500	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1200	ug/kg	SW846 8260B
n-Propylbenzene	ND	250	ug/kg	SW846 8260B
Styrene	ND	500	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
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Tetrahydrofuran	ND	1000	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
Vinyl acetate	ND	500	ug/kg	SW846 8260B
Vinyl chloride	ND	500	ug/kg	SW846 8260B
Xylenes (total)	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	81	(60 - 140)
1,2-Dichloroethane-d4	108	(60 - 140)
Toluene-d8	91	(60 - 140)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDT1N1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-469 EDT1N1AD-LCSD
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143469 **Analysis Time..:** 14:18
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

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 DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** ED0231AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: E1E250000-338 ED0231AD-LCSD
Prep Date.....: 05/22/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1145338 **Analysis Time..:** 10:56
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**2500**	**2780**	**ug/kg**	**111**		**SW846 8260B**
	2500	**2280**	**ug/kg**	**91**	**20**	**SW846 8260B**
Chlorobenzene	**2500**	**2290**	**ug/kg**	**92**		**SW846 8260B**
	2500	**1970**	**ug/kg**	**79**	**15**	**SW846 8260B**
1,1-Dichloroethene	**2500**	**3040**	**ug/kg**	**122**		**SW846 8260B**
	2500	**2440**	**ug/kg**	**97**	**22**	**SW846 8260B**
Toluene	**2500**	**2280**	**ug/kg**	**91**		**SW846 8260B**
	2500	**1940**	**ug/kg**	**78**	**16**	**SW846 8260B**
Trichloroethene	**2500**	**2720**	**ug/kg**	**109**		**SW846 8260B**
	2500	**2270**	**ug/kg**	**91**	**18**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(60 - 140)
	77	(60 - 140)
1,2-Dichloroethane-d4	132	(60 - 140)
	105	(60 - 140)
Toluene-d8	102	(60 - 140)
	85	(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 Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDT1N1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-469 EDT1N1AD-LCSD
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143469 **Analysis Time..:** 14:18
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** ED0231AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: E1E250000-338 ED0231AD-LCSD
Prep Date.....: 05/22/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1145338 **Analysis Time..:** 10:56
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**111**	**(60 - 130)**			**SW846 8260B**
	91	**(60 - 130)**	**20**	**(0-35)**	**SW846 8260B**
Chlorobenzene	**92**	**(60 - 130)**			**SW846 8260B**
	79	**(60 - 130)**	**15**	**(0-35)**	**SW846 8260B**
1,1-Dichloroethene	**122**	**(60 - 140)**			**SW846 8260B**
	97	**(60 - 140)**	**22**	**(0-35)**	**SW846 8260B**
Toluene	**91**	**(60 - 130)**			**SW846 8260B**
	78	**(60 - 130)**	**16**	**(0-35)**	**SW846 8260B**
Trichloroethene	**109**	**(60 - 140)**			**SW846 8260B**
	91	**(60 - 140)**	**18**	**(0-35)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(60 - 140)
	77	(60 - 140)
1,2-Dichloroethane-d4	132	(60 - 140)
	105	(60 - 140)
Toluene-d8	102	(60 - 140)
	85	(60 - 140)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1E180311 **Work Order #...:** EDN511AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E210000-505
Prep Date.....: 05/21/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1141505 **Analysis Time..:** 17:41
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**188**	**mg/kg**	**75**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	83	(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 #...: E1E180311 **Work Order #...:** EDN561AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E210000-508
Prep Date.....: 05/21/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1141508 **Analysis Time..:** 22:54
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**245**	**mg/kg**	**98**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**250**	**243**	**mg/kg**	**97**	**SW846 8015B**

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

NOTE(S):

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

Bold print denotes control parameters

Surrogate recoveries for C-Chain-13.7337 ppm= 109.87%(diesel-C10-C24).

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDQ4E1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E220000-438
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142438 **Analysis Time..:** 21:16
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**49.4**	**ug/kg**	**99**	**SW846 8260B**
Benzene	**50.0**	**47.7**	**ug/kg**	**95**	**SW846 8260B**
Trichloroethene	**50.0**	**52.5**	**ug/kg**	**105**	**SW846 8260B**
Toluene	**50.0**	**49.5**	**ug/kg**	**99**	**SW846 8260B**
Chlorobenzene	**50.0**	**49.1**	**ug/kg**	**98**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	100	(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 #...: E1E180311 **Work Order #...:** EDQ771AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E220000-472
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142472 **Analysis Time..:** 13:45
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 015590

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 #...: E1E180311 **Work Order #...:** EDRA31AC **Matrix.....:** WATER
LCS Lot-Sample#: E1E220000-493
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142493 **Analysis Time..:** 19:30
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**11.5**	**ug/L**	**115**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**11.5**	**ug/L**	**115**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
Toluene	**10.0**	**11.6**	**ug/L**	**116**	**SW846 8260B**
Trichloroethene	**10.0**	**9.82**	**ug/L**	**98**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	111	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
Toluene-d8	122	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDR871AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-297
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1143297 **Analysis Time..:** 16:11
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

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 #...: E1E180311 **Work Order #...:** EDTR91AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-429
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143429 **Analysis Time..:** 23:09
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**58.1**	**ug/kg**	**116**	**SW846 8260B**
Benzene	**50.0**	**53.2**	**ug/kg**	**106**	**SW846 8260B**
Trichloroethene	**50.0**	**54.9**	**ug/kg**	**110**	**SW846 8260B**
Toluene	**50.0**	**48.7**	**ug/kg**	**97**	**SW846 8260B**
Chlorobenzene	**50.0**	**48.0**	**ug/kg**	**96**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	119	(70 - 130)
1,2-Dichloroethane-d4	106	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDTVQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-444
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143444 **Analysis Time..:** 03:50
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.97**	**mg/kg**	**119**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	122	(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 #...: E1E180311 **Work Order #...:** EDV2L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-217
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144217 **Analysis Time..:** 10:34
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 004648

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 DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDXWK1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-530
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 08:15
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	116	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
Toluene-d8	124	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E1E180311 **Work Order #...:** EDN511AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E210000-505
Prep Date.....: 05/21/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1141505 **Analysis Time..:** 17:41
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**75**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	83	(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 #...: E1E180311 **Work Order #...:** EDN561AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E210000-508
Prep Date.....: 05/21/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1141508 **Analysis Time..:** 22:54
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**98**	**(60 - 130)**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**97**	**(60 - 130)**	**SW846 8015B**

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

NOTE(S):

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

Bold print denotes control parameters

Surrogate recoveries for C-Chain-13.7337 ppm= 109.87%(diesel-C10-C24).

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDQ4E1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E220000-438
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142438 **Analysis Time..:** 21:16
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**99**	**(60 - 150)**	**SW846 8260B**
Benzene	**95**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**105**	**(70 - 130)**	**SW846 8260B**
Toluene	**99**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**98**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	100	(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 #...: E1E180311 **Work Order #...:** EDQ771AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E220000-472
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142472 **Analysis Time..:** 13:45
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 015590

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 #...: E1E180311 **Work Order #...:** EDRA31AC **Matrix.....:** WATER
LCS Lot-Sample#: E1E220000-493
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1142493 **Analysis Time..:** 19:30
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**115**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**115**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**106**	**(80 - 120)**	**SW846 8260B**
Toluene	**116**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**98**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	111	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
Toluene-d8	122	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDR871AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-297
Prep Date.....: 05/21/01 **Analysis Date..:** 05/21/01
Prep Batch #...: 1143297 **Analysis Time..:** 16:11
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

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 #...: E1E180311 **Work Order #...:** EDTR91AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-429
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143429 **Analysis Time..:** 23:09
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**116**	**(60 - 150)**	**SW846 8260B**
Benzene	**106**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**110**	**(70 - 130)**	**SW846 8260B**
Toluene	**97**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**96**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	119	(70 - 130)
1,2-Dichloroethane-d4	106	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDTVQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E230000-444
Prep Date.....: 05/22/01 **Analysis Date..:** 05/22/01
Prep Batch #...: 1143444 **Analysis Time..:** 03:50
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**119**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	122	(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 #...: E1E180311 **Work Order #...:** EDV2L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-217
Prep Date.....: 05/23/01 **Analysis Date..:** 05/23/01
Prep Batch #...: 1144217 **Analysis Time..:** 10:34
Dilution Factor: 1 **Instrument ID..:** MSG
Analyst ID.....: 004648

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E180311 **Work Order #...:** EDXWK1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E240000-530
Prep Date.....: 05/24/01 **Analysis Date..:** 05/24/01
Prep Batch #...: 1144530 **Analysis Time..:** 08:15
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	116	(70 - 130)
1,2-Dichloroethane-d4	112	(60 - 140)
Toluene-d8	124	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E1E180311	**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/MS Volatiles

Client Lot #...:	E1E180311	**Work Order #...:**	EDMFF1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-001		EDMFF1AF-MSD		
Date Sampled...:	05/18/01 08:23	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1142261
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1142438	**Analysis Time..:**	23:17		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**50.6**	**ug/kg**	**101**		**SW846 8260B**
	ND	**50.0**	**52.4**	**ug/kg**	**105**	**3.5**	**SW846 8260B**
Benzene	**ND**	**50.0**	**48.4**	**ug/kg**	**97**		**SW846 8260B**
	ND	**50.0**	**50.1**	**ug/kg**	**100**	**3.4**	**SW846 8260B**
Trichloroethene	**2.6**	**50.0**	**53.4**	**ug/kg**	**102**		**SW846 8260B**
	2.6	**50.0**	**56.1**	**ug/kg**	**107**	**4.9**	**SW846 8260B**
Toluene	**ND**	**50.0**	**50.4**	**ug/kg**	**101**		**SW846 8260B**
	ND	**50.0**	**51.8**	**ug/kg**	**104**	**2.8**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**49.1**	**ug/kg**	**98**		**SW846 8260B**
	ND	**50.0**	**51.0**	**ug/kg**	**102**	**3.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(70 - 130)
	105	(70 - 130)
1,2-Dichloroethane-d4	97	(60 - 140)
	98	(60 - 140)
Toluene-d8	101	(70 - 130)
	102	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E1E180311	**Work Order #...:**	EDMFL1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-006		EDMFL1AF-MSD		
Date Sampled...:	05/18/01 08:59	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141266
Prep Date.....:	05/21/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1141505	**Analysis Time..:**	18:59		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G03

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**ND**	**250**	**265**	**mg/kg**	**106**		**SW846 8015B**
	ND	**250**	**224**	**mg/kg**	**89**	**17**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	104	(60 - 130)
	86	(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 #...:	E1E180311	**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 #...:	E1E180311	**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 Semivolatiles

Client Lot #...:	E1E180311	**Work Order #...:**	EDMFX1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-014		EDMFX1AF-MSD		
Date Sampled...:	05/18/01 13:11	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141270
Prep Date.....:	05/21/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1141508	**Analysis Time..:**	15:01		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G03

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**ND**	**250**	**161**	**mg/kg**	**64**		**SW846 8015B**
	ND	**250**	**211**	**mg/kg**	**84**	**27**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	70	(60 - 130)
	92	(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 #...:	E1E180311	**Work Order #...:**	EDMF51AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-020		EDMF51AF-MSD		
Date Sampled...:	05/18/01 14:51	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143216
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1143429	**Analysis Time..:**	00:48		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**59.3**	**ug/kg**	**119**		**SW846 8260B**
	ND	**50.0**	**62.0**	**ug/kg**	**124**	**4.4**	**SW846 8260B**
Benzene	**ND**	**50.0**	**54.6**	**ug/kg**	**109**		**SW846 8260B**
	ND	**50.0**	**49.0**	**ug/kg**	**98**	**11**	**SW846 8260B**
Trichloroethene	**2.6**	**50.0**	**56.2**	**ug/kg**	**107**		**SW846 8260B**
	2.6	**50.0**	**51.0**	**ug/kg**	**97**	**9.7**	**SW846 8260B**
Toluene	**ND**	**50.0**	**49.6**	**ug/kg**	**99**		**SW846 8260B**
	ND	**50.0**	**47.4**	**ug/kg**	**95**	**4.5**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**50.0**	**ug/kg**	**100**		**SW846 8260B**
	ND	**50.0**	**44.4**	**ug/kg**	**89**	**12**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	118	(70 - 130)
	107	(70 - 130)
1,2-Dichloroethane-d4	104	(60 - 140)
	76	(60 - 140)
Toluene-d8	108	(70 - 130)
	96	(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 #...:	E1E180311	**Work Order #...:**	EDMF61AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-021		EDMF61AF-MSD		
Date Sampled...:	05/18/01 14:58	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143224
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143444	**Analysis Time..:**	10:29		
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**	**5.69**	**mg/kg**	**114**		**SW846 8015B**
	ND	**5.00**	**5.73**	**mg/kg**	**114**	**0.68**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(60 - 130)
	117	(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 #...:	E1E180311	**Work Order #...:**	EDN6P1AC-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1E210179-001		EDN6P1AD-MSD		
Date Sampled...:	05/21/01 08:11	**Date Received..:**	05/21/01 16:45	**MS Run #.....:**	1142296
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1142491	**Analysis Time..:**	17:24		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSC

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**10.0**	**10.0**	**ug/L**	**100**		**SW846 8260B**
	ND	**10.0**	**10.0**	**ug/L**	**100**	**0.10**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**9.35**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**9.46**	**ug/L**	**95**	**1.2**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10.0**	**10.6**	**ug/L**	**106**		**SW846 8260B**
	ND	**10.0**	**10.9**	**ug/L**	**109**	**2.7**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.41**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**9.55**	**ug/L**	**96**	**1.5**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**9.72**	**ug/L**	**97**		**SW846 8260B**
	ND	**10.0**	**9.81**	**ug/L**	**98**	**0.92**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 120)
	106	(75 - 120)
1,2-Dichloroethane-d4	110	(65 - 130)
	106	(65 - 130)
Toluene-d8	110	(80 - 130)
	110	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E1E180311	**Work Order #...:**	EDQ9J1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-006		EDQ9J1AF-MSD		
Date Sampled...:	05/22/01 08:50	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144297
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144530	**Analysis Time..:**	13:35		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

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

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

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E1E180311	**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/MS Volatiles

Client Lot #...:	E1E180311	**Work Order #...:**	EDMFF1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-001		EDMFF1AF-MSD		
Date Sampled...:	05/18/01 08:23	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1142261
Prep Date.....:	05/21/01	**Analysis Date..:**	05/21/01		
Prep Batch #...:	1142438	**Analysis Time..:**	23:17		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**101**	**(60 - 150)**			**SW846 8260B**
	105	**(60 - 150)**	**3.5**	**(0-30)**	**SW846 8260B**
Benzene	**97**	**(70 - 140)**			**SW846 8260B**
	100	**(70 - 140)**	**3.4**	**(0-30)**	**SW846 8260B**
Trichloroethene	**102**	**(70 - 130)**			**SW846 8260B**
	107	**(70 - 130)**	**4.9**	**(0-30)**	**SW846 8260B**
Toluene	**101**	**(70 - 130)**			**SW846 8260B**
	104	**(70 - 130)**	**2.8**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**98**	**(70 - 130)**			**SW846 8260B**
	102	**(70 - 130)**	**3.9**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(70 - 130)
	105	(70 - 130)
1,2-Dichloroethane-d4	97	(60 - 140)
	98	(60 - 140)
Toluene-d8	101	(70 - 130)
	102	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E1E180311	**Work Order #...:**	EDMFL1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-006		EDMFL1AF-MSD		
Date Sampled...:	05/18/01 08:59	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141266
Prep Date.....:	05/21/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1141505	**Analysis Time..:**	18:59		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G03

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**106**	**(60 - 130)**			**SW846 8015B**
	89	**(60 - 130)**	**17**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	104	(60 - 130)
	86	(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 #...:	E1E180311	**Work Order #...:**	EDMFN1AE-MS EDMFN1AF-MSD	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-008				
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 #...:	E1E180311	**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 Semivolatiles

Client Lot #...:	E1E180311	**Work Order #...:**	EDMFX1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-014		EDMFX1AF-MSD		
Date Sampled...:	05/18/01 13:11	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1141270
Prep Date.....:	05/21/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1141508	**Analysis Time..:**	15:01		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G03

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**64**	**(60 - 130)**			**SW846 8015B**
	84	**(60 - 130)**	**27**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	70	(60 - 130)
	92	(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 #...:	E1E180311	**Work Order #...:**	EDMF51AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-020		EDMF51AF-MSD		
Date Sampled...:	05/18/01 14:51	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143216
Prep Date.....:	05/23/01	**Analysis Date..:**	05/23/01		
Prep Batch #...:	1143429	**Analysis Time..:**	00:48		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**119**	**(60 - 150)**			**SW846 8260B**
	124	**(60 - 150)**	**4.4**	**(0-30)**	**SW846 8260B**
Benzene	**109**	**(70 - 140)**			**SW846 8260B**
	98	**(70 - 140)**	**11**	**(0-30)**	**SW846 8260B**
Trichloroethene	**107**	**(70 - 130)**			**SW846 8260B**
	97	**(70 - 130)**	**9.7**	**(0-30)**	**SW846 8260B**
Toluene	**99**	**(70 - 130)**			**SW846 8260B**
	95	**(70 - 130)**	**4.5**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**100**	**(70 - 130)**			**SW846 8260B**
	89	**(70 - 130)**	**12**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	118	(70 - 130)
	107	(70 - 130)
1,2-Dichloroethane-d4	104	(60 - 140)
	76	(60 - 140)
Toluene-d8	108	(70 - 130)
	96	(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 #...:	E1E180311	**Work Order #...:**	EDMF61AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E180311-021		EDMF61AF-MSD		
Date Sampled...:	05/18/01 14:58	**Date Received..:**	05/18/01 18:00	**MS Run #.....:**	1143224
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1143444	**Analysis Time..:**	10:29		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**114**	**(80 - 140)**			**SW846 8015B**
	114	**(80 - 140)**	**0.68**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(60 - 130)
	117	(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 #...:	E1E180311	**Work Order #...:**	EDN6P1AC-MS EDN6P1AD-MSD	**Matrix.....:**	WATER
MS Lot-Sample #:	E1E210179-001				
Date Sampled...:	05/21/01 08:11	**Date Received..:**	05/21/01 16:45	**MS Run #.....:**	1142296
Prep Date.....:	05/22/01	**Analysis Date..:**	05/22/01		
Prep Batch #...:	1142491	**Analysis Time..:**	17:24		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSC

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**100**	**(75 - 120)**			**SW846 8260B**
	100	**(75 - 120)**	**0.10**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**94**	**(80 - 120)**			**SW846 8260B**
	95	**(80 - 120)**	**1.2**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**106**	**(70 - 130)**			**SW846 8260B**
	109	**(70 - 130)**	**2.7**	**(0-25)**	**SW846 8260B**
Toluene	**94**	**(80 - 120)**			**SW846 8260B**
	96	**(80 - 120)**	**1.5**	**(0-25)**	**SW846 8260B**
Trichloroethene	**97**	**(75 - 130)**			**SW846 8260B**
	98	**(75 - 130)**	**0.92**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 120)
	106	(75 - 120)
1,2-Dichloroethane-d4	110	(65 - 130)
	106	(65 - 130)
Toluene-d8	110	(80 - 130)
	110	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E1E180311	**Work Order #...:**	EDQ9J1AE-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E220302-006		EDQ9J1AF-MSD		
Date Sampled...:	05/22/01 08:50	**Date Received..:**	05/22/01 17:55	**MS Run #.....:**	1144297
Prep Date.....:	05/24/01	**Analysis Date..:**	05/24/01		
Prep Batch #...:	1144530	**Analysis Time..:**	13:35		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

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

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

NOTE(S):

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

Bold print denotes control parameters