SEVERN
TRENT
SERVICES

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

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

July 30, 2001

STL LOT NUMBER: E1G260321
NELAC Certification Number: 01118CA
PO/CONTRACT: 05160-SEV002-S56

Scott Zachary
Haley & Aldrich Inc
9040 Friars Road
Suite 220
San Diego, CA 92108

Dear Mr. Zachary,

This report contains the analytical results for the three samples received under chain of custody by STL Los Angeles on July 25, 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 Celsius is considered within acceptable criteria. Any matrix related anomaly is footnoted within the report.

STL Los Angeles certifies that the tests performed at our facility meet all the requirements of NELAC. This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at (714) 258-8610 extension 309.

Sincerely,

Diane Suzuki
Project Manager
CC: Project File

This report contains 000026 pages.

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

ACCREDITED IN ACCORDANCE WITH nelac

BOE-C6-0092976

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client: Haley + Aldrich	Project Manager: Scott Zackary	Date: 7/25/01	Chain of Custody Number: 053643
Address: 9040 Friars Rd	Telephone Number (Area Code)/Fax Number: (619) 280-9210	Lab Number	Page 1 of
City: San Diego; State: CA; Zip Code: 92108	Site Contact: Rich Farson	Lab Contact: Diane Suzuki	
Project Name and Location (State): Former C6 Torrance CA	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed): 8620B + TCS

Special Instructions/ Conditions of Receipt

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		8620B + TCS
DDS-2-21/ 69.8	7/25/01	940		X							2				X
DDS-2-21/ 86.8	7/25/01	1045		X							3				X
DDS-2-21/ 110.8	7/25/01	1200		X							3				X

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

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

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

QC Requirements (Specify)

1. Relinquished By	Date 7/25/01	Time 1605	1. Received By	Date 7-25-01	Time 1605
2. Relinquished By	Date 7-25-01	Time 1800	2. Received By Bucolt	Date 7/25/01	Time 18:00
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

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

STL LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 7/26/01

Quantims Lot #: E1G260321
Client Name: HALEY + ALDRICH
Received by: R.A

Quote #: 4229T
Project: BRC C-1
Date/Time Received: 7/25/01 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	MLT 7/25/01
Custody Seal #(s):	☐No Seal #	
Sample Container(s):	☐STL-LA ☐Client ☐N/A	
Temperature(s) (COOLER/BLANK) in °C:	4.0 (CORRECTED TEMP) 4.2°C	
Thermometer Used :	☒IR (Infra-red) ☐Digital (Probe)	
Samples:	☒Intact ☐Broken ☐Other	
Anomalies:	☒No ☐Yes (See Clouseau)	
Labeled by	MLT	
Labeling checked by	A.R.	

Turn Around Time: ☐RUSH-24HR ☐RUSH-48HR ☐RUSH-72HR ☒NORMAL 5 days
Short-Hold Notification: ☐Ph ☐Wet Chem ☐Metals (Filter/Pres) ☐Encore ☒N/A ✓
Outside Analysis(es) (Test/Lab/Date Sent Out) : – none.

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

Fraction	1	2→3									PH
VOAh /*	2	3									N/A

k:NCl sn:Sodium Hydroxide zsna:Zinc Acetate/Sodium Hydroxide s:H2SO4 n:HNO3 n/f:HNO3-Field filtered n/lf:HNO3-Lab filtered
CGL: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: Pucalth 7/26/01 REVIEWED BY/DATE: 7/27/01

000003

BOE-C6-0092978

EXECUTIVE SUMMARY - Detection Highlights

E1G260321

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
DDS_2_21/69.8 07/25/01 09:40 001				
1,1-Dichloroethene	0.98 J	2.5	ug/L	SW846 8260B
1,1-Dichloroethene	0.76 J	1.0	ug/L	SW846 8260B
Carbon disulfide	17	2.5	ug/L	SW846 8260B
Carbon disulfide	13	1.0	ug/L	SW846 8260B
Chloroform	3.6	2.5	ug/L	SW846 8260B
Chloroform	3.2	1.0	ug/L	SW846 8260B
Trichloroethene	160	2.5	ug/L	SW846 8260B
Trichloroethene	120 E	1.0	ug/L	SW846 8260B
DDS_2_21/86.8 07/25/01 10:45 002				
Carbon disulfide	14	1.0	ug/L	SW846 8260B
Chloroform	1.3	1.0	ug/L	SW846 8260B
Trichloroethene	29	1.0	ug/L	SW846 8260B
DDS_2_21/110.8 07/25/01 12:00 003				
Carbon disulfide	8.5	1.0	ug/L	SW846 8260B
Chloroform	0.76 J	1.0	ug/L	SW846 8260B
Trichloroethene	12	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E1G260321

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

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

SAMPLE SUMMARY

E1G260321

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
EG1WQ	001	DDS_2_21/69.8	07/25/01	09:40
EG1WV	002	DDS_2_21/86.8	07/25/01	10:45
EG1WX	003	DDS_2_21/110.8	07/25/01	12:00

NOTE(S):

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

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/69.8

GC/MS Volatiles

Lot-Sample #...:	E1G260321-001	**Work Order #...:**	EG1WQ1AA	**Matrix.....:**	WATER
Date Sampled...:	07/25/01 09:40	**Date Received..:**	07/25/01 18:00	**MS Run #.....:**	1208246
Prep Date.....:	07/27/01	**Analysis Date..:**	07/27/01		
Prep Batch #...:	1208447	**Analysis Time..:**	01:24		
Dilution Factor:	2.5				
Analyst ID.....:	015590	**Instrument ID..:**	MSC		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	2.5	ug/L	1.0
Chloromethane	ND	5.0	ug/L	0.75
Vinyl chloride	ND	1.2	ug/L	0.75
Chloroethane	ND	5.0	ug/L	0.75
Bromomethane	ND	5.0	ug/L	2.5
Trichlorofluoromethane	ND	5.0	ug/L	0.75
1,1-Dichloroethene	**0.98 J**	**2.5**	**ug/L**	**0.75**
Methylene chloride	ND	2.5	ug/L	0.75
Methyl tert-butyl ether	ND	2.5	ug/L	1.2
Carbon disulfide	**17**	**2.5**	**ug/L**	**0.75**
Acetone	ND	25	ug/L	7.5
trans-1,2-Dichloroethene	ND	2.5	ug/L	0.75
1,1-Dichloroethane	ND	2.5	ug/L	0.50
2,2-Dichloropropane	ND	2.5	ug/L	0.75
cis-1,2-Dichloroethene	ND	2.5	ug/L	0.75
Chloroform	**3.6**	**2.5**	**ug/L**	**0.75**
Bromochloromethane	ND	2.5	ug/L	0.75
1,1,1-Trichloroethane	ND	2.5	ug/L	0.50
2-Butanone	ND	12	ug/L	7.5
1,1-Dichloropropene	ND	2.5	ug/L	0.75
Carbon tetrachloride	ND	1.2	ug/L	0.75
1,2-Dibromoethane	ND	2.5	ug/L	0.75
Benzene	ND	2.5	ug/L	0.75
Trichloroethene	**160**	**2.5**	**ug/L**	**0.75**
Bromodichloromethane	ND	2.5	ug/L	0.75
4-Methyl-2-pentanone	ND	12	ug/L	7.5
Toluene	ND	2.5	ug/L	0.75
1,1,2-Trichloroethane	ND	2.5	ug/L	0.75
1,2-Dichloroethane	ND	1.2	ug/L	1.0
Tetrachloroethene	ND	2.5	ug/L	0.75
2-Hexanone	ND	12	ug/L	7.5
Dibromochloromethane	ND	2.5	ug/L	1.0
Chlorobenzene	ND	2.5	ug/L	0.75
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L	0.75
Ethylbenzene	ND	2.5	ug/L	0.50
Xylenes (total)	ND	2.5	ug/L	2.0
Styrene	ND	2.5	ug/L	0.75

(Continued on next page)

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/69.8

GC/MS Volatiles

Lot-Sample #...: E1G260321-001 **Work Order #...:** EG1WQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	2.5	ug/L	0.75
Isopropylbenzene	ND	2.5	ug/L	0.75
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	1.0
1,2,3-Trichloropropane	ND	2.5	ug/L	1.0
n-Propylbenzene	ND	2.5	ug/L	1.0
Bromobenzene	ND	2.5	ug/L	0.75
1,3,5-Trimethylbenzene	ND	2.5	ug/L	0.50
2-Chlorotoluene	ND	2.5	ug/L	0.75
4-Chlorotoluene	ND	2.5	ug/L	0.75
tert-Butylbenzene	ND	2.5	ug/L	0.50
1,2,4-Trimethylbenzene	ND	2.5	ug/L	0.75
sec-Butylbenzene	ND	2.5	ug/L	0.75
p-Isopropyltoluene	ND	2.5	ug/L	0.75
1,3-Dichlorobenzene	ND	2.5	ug/L	0.75
1,4-Dichlorobenzene	ND	2.5	ug/L	0.75
n-Butylbenzene	ND	2.5	ug/L	0.75
1,2-Dichlorobenzene	ND	2.5	ug/L	0.75
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	1.8
1,2,4-Trichloro-benzene	ND	2.5	ug/L	0.75
Hexachlorobutadiene	ND	2.5	ug/L	0.75
1,2,3-Trichlorobenzene	ND	2.5	ug/L	1.0
Acrolein	ND	50	ug/L	30
Tert-amyl methyl ether	ND	5.0	ug/L	1.2
Acrylonitrile	ND	50	ug/L	25
Tert-butyl ethyl ether	ND	5.0	ug/L	1.2
t-Butanol	ND	62	ug/L	15
Iodomethane	ND	5.0	ug/L	2.5
Isopropyl ether	ND	5.0	ug/L	1.2
2-Chloroethyl vinyl ether	ND	12	ug/L	5.0
Tetrahydrofuran	ND	25	ug/L	5.0
Vinyl acetate	ND	12	ug/L	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(75 - 120)
1,2-Dichloroethane-d4	110	(65 - 130)
Toluene-d8	111	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/69.8

GC/MS Volatiles

Lot-Sample #...: E1G260321-001 **Work Order #...:** EG1WQ2AA **Matrix.....:** WATER
Date Sampled...: 07/25/01 09:40 **Date Received..:** 07/25/01 18:00 **MS Run #.....:** 1208246
Prep Date.....: 07/27/01 **Analysis Date..:** 07/27/01
Prep Batch #...: 1208447 **Analysis Time..:** 08:23
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSC
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	**0.76 J**	**1.0**	**ug/L**	**0.30**
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	**13**	**1.0**	**ug/L**	**0.30**
Acetone	ND	10	ug/L	3.0
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.30
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
Chloroform	**3.2**	**1.0**	**ug/L**	**0.30**
Bromochloromethane	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	3.0
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	**120 E**	**1.0**	**ug/L**	**0.30**
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	3.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	3.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.80
Styrene	ND	1.0	ug/L	0.30

(Continued on next page)

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/69.8

GC/MS Volatiles

Lot-Sample #...: E1G260321-001 **Work Order #...:** EG1WQ2AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.30
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.70
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	12
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(75 - 120)
1,2-Dichloroethane-d4	113	(65 - 130)
Toluene-d8	108	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/86.8

GC/MS Volatiles

Lot-Sample #...:	E1G260321-002	**Work Order #...:**	EG1WV1AA	**Matrix.....:**	WATER
Date Sampled...:	07/25/01 10:45	**Date Received..:**	07/25/01 18:00	**MS Run #.....:**	1208246
Prep Date.....:	07/27/01	**Analysis Date..:**	07/27/01		
Prep Batch #...:	1208447	**Analysis Time..:**	01:54		
Dilution Factor:	1				
Analyst ID.....:	015590	**Instrument ID..:**	MSC		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	ND	1.0	ug/L	0.30
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	**14**	**1.0**	**ug/L**	**0.30**
Acetone	ND	10	ug/L	3.0
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.30
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
Chloroform	**1.3**	**1.0**	**ug/L**	**0.30**
Bromochloromethane	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	3.0
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	**29**	**1.0**	**ug/L**	**0.30**
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	3.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	3.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.80
Styrene	ND	1.0	ug/L	0.30

(Continued on next page)

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/86.8

GC/MS Volatiles

Lot-Sample #...: E1G260321-002 **Work Order #...:** EG1WV1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.30
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.70
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	12
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

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

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/110.8

GC/MS Volatiles

Lot-Sample #...: E1G260321-003 **Work Order #...:** EG1WX1AA **Matrix.....:** WATER
Date Sampled...: 07/25/01 12:00 **Date Received..:** 07/25/01 18:00 **MS Run #.....:** 1208246
Prep Date.....: 07/27/01 **Analysis Date..:** 07/27/01
Prep Batch #...: 1208447 **Analysis Time..:** 02:24
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSC
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	ND	1.0	ug/L	0.30
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	**8.5**	**1.0**	**ug/L**	**0.30**
Acetone	ND	10	ug/L	3.0
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.30
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
Chloroform	**0.76 J**	**1.0**	**ug/L**	**0.30**
Bromochloromethane	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	3.0
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	**12**	**1.0**	**ug/L**	**0.30**
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	3.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	3.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.80
Styrene	ND	1.0	ug/L	0.30

(Continued on next page)

ER
3246

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/110.8

GC/MS Volatiles

Lot-Sample #...: E1G260321-003 **Work Order #...:** EG1WX1AA **Matrix.....**

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.30
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.70
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	12
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 120)
1,2-Dichloroethane-d4	114	(65 - 130)
Toluene-d8	105	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

HALEY & ALDRICH INC

Client Sample ID: DDS_2_21/110.8

GC/MS Volatiles

t-Sample #...: E1G260321-003 Work Order #...: EG1WX1AA Matrix.....: WATER

RAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
omoform	ND	1.0	ug/L	0.30
opropylbenzene	ND	1.0	ug/L	0.30
1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
2,3-Trichloropropane	ND	1.0	ug/L	0.40
Propylbenzene	ND	1.0	ug/L	0.40
omobenzene	ND	1.0	ug/L	0.30
3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Chlorotoluene	ND	1.0	ug/L	0.30
Chlorotoluene	ND	1.0	ug/L	0.30
ct-Butylbenzene	ND	1.0	ug/L	0.20
2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
c-Butylbenzene	ND	1.0	ug/L	0.30
Isopropyltoluene	ND	1.0	ug/L	0.30
3-Dichlorobenzene	ND	1.0	ug/L	0.30
4-Dichlorobenzene	ND	1.0	ug/L	0.30
Butylbenzene	ND	1.0	ug/L	0.30
2-Dichlorobenzene	ND	1.0	ug/L	0.30
2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.70
2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
xachlorobutadiene	ND	1.0	ug/L	0.30
2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
rolein	ND	20	ug/L	12
rt-amyl methyl ether	ND	2.0	ug/L	0.50
rylonitrile	ND	20	ug/L	10
rt-butyl ethyl ether	ND	2.0	ug/L	0.50
Butanol	ND	25	ug/L	6.0
lomethane	ND	2.0	ug/L	1.0
opropyl ether	ND	2.0	ug/L	0.50
Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
trahydrofuran	ND	10	ug/L	2.0
ıyl acetate	ND	5.0	ug/L	2.0

RROGATE	PERCENT RECOVERY	RECOVERY LIMITS
omofluorobenzene	106	(75 - 120)
2-Dichloroethane-d4	114	(65 - 130)
uene-d8	105	(80 - 130)

TE(S):

timated result. Result is less than RL.

HALEY & ALDRICH INC

DDS_2_21/69.8

GC/MS Volatiles

Lot-Sample #: E1G260321-001 **Work Order #:** EG1WQ1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

HALEY & ALDRICH INC

DDS_2_21/69.8

GC/MS Volatiles

Lot-Sample #: E1G260321-001 **Work Order #:** EG1WQ2AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

HALEY & ALDRICH INC

DDS_2_21/86.8

GC/MS Volatiles

Lot-Sample #: E1G260321-002 **Work Order #:** EG1WV1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

HALEY & ALDRICH INC

DDS_2_21/110.8

GC/MS Volatiles

Lot-Sample #: E1G260321-003 **Work Order #:** EG1WX1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
UNKNOWN		6.1	M	20.376	ug/L

NOTE(S):

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

QC DATA ASSOCIATION SUMMARY

E1G260321

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		1208447	1208246
002	WATER	SW846 8260B		1208447	1208246
003	WATER	SW846 8260B		1208447	1208246

HALEY & ALDRICH INC

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E1G270000-447 B **Work Order #:** EG4JN1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1G260321
MB Lot-Sample #: E1G270000-447

Analysis Date..: 07/26/01
Dilution Factor: 1

Work Order #...: EG4JN1AA

Prep Date.....: 07/26/01
Prep Batch #...: 1208447

Analyst ID.....: 015590

Matrix.....: WATER

Analysis Time..: 21:54
Instrument ID..: MSC

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1G260321 **Work Order #...:** EG4JN1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	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
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Tert-amyl methyl ether	ND	2.0	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Tert-butyl ethyl ether	ND	2.0	ug/L	SW846 8260B
t-Butanol	ND	25	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isopropyl ether	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	105	(75 - 120)
1,2-Dichloroethane-d4	112	(65 - 130)
Toluene-d8	111	(80 - 130)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1G260321 **Work Order #...:** EG4JN1AC **Matrix.....:** WATER
LCS Lot-Sample#: E1G270000-447
Prep Date.....: 07/26/01 **Analysis Date..:** 07/26/01
Prep Batch #...: 1208447 **Analysis Time..:** 21:24
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**8.89**	**ug/L**	**89**	**SW846 8260B**
Benzene	**10.0**	**9.44**	**ug/L**	**94**	**SW846 8260B**
Trichloroethene	**10.0**	**9.20**	**ug/L**	**92**	**SW846 8260B**
Toluene	**10.0**	**9.59**	**ug/L**	**96**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.18**	**ug/L**	**92**	**SW846 8260B**

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

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

ient Lot #...: E1G260321 Work Order #...: EG4JN1AC Matrix.....: WATER
S Lot-Sample#: E1G270000-447
ep Date.....: 07/26/01 Analysis Date..: 07/26/01
ep Batch #...: 1208447 Analysis Time..: 21:24
lution Factor: 1 Instrument ID..: MSC
alyst ID.....: 015590

RAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
l-Dichloroethene	10.0	8.89	ug/L	89	SW846 8260B
nzene	10.0	9.44	ug/L	94	SW846 8260B
ichloroethene	10.0	9.20	ug/L	92	SW846 8260B
luene	10.0	9.59	ug/L	96	SW846 8260B
lorobenzene	10.0	9.18	ug/L	92	SW846 8260B

RROGATE	PERCENT RECOVERY	RECOVERY LIMITS
omofluorobenzene	110	(75 - 120)
2-Dichloroethane-d4	110	(65 - 130)
uene-d8	112	(80 - 130)

E(S):

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

print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1G260321 **Work Order #...:** EG4JN1AC **Matrix.....:** WATER
LCS Lot-Sample#: E1G270000-447
Prep Date.....: 07/26/01 **Analysis Date..:** 07/26/01
Prep Batch #...: 1208447 **Analysis Time..:** 21:24
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**89**	**(70 - 130)**	**SW846 8260B**
Benzene	**94**	**(75 - 120)**	**SW846 8260B**
Trichloroethene	**92**	**(75 - 130)**	**SW846 8260B**
Toluene	**96**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**92**	**(80 - 120)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(75 - 120)
1,2-Dichloroethane-d4	110	(65 - 130)
Toluene-d8	112	(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 #...:	E1G260321	**Work Order #...:**	EG12J1AF-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1G260332-006		EG12J1AG-MSD		
Date Sampled...:	07/26/01 11:10	**Date Received..:**	07/26/01 17:40	**MS Run #.....:**	1208246
Prep Date.....:	07/27/01	**Analysis Date..:**	07/27/01		
Prep Batch #...:	1208447	**Analysis Time..:**	07:24		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSC

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**10**	**10.0**	**19.2**	**ug/L**	**90**		**SW846 8260B**
	10	**10.0**	**19.7**	**ug/L**	**95**	**2.6**	**SW846 8260B**
Benzene	**ND**	**10.0**	**9.80**	**ug/L**	**98**		**SW846 8260B**
	ND	**10.0**	**10.0**	**ug/L**	**100**	**2.3**	**SW846 8260B**
Trichloroethene	**10**	**10.0**	**20.1**	**ug/L**	**99**		**SW846 8260B**
	10	**10.0**	**20.0**	**ug/L**	**98**	**0.49**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.77**	**ug/L**	**98**		**SW846 8260B**
	ND	**10.0**	**9.95**	**ug/L**	**100**	**1.8**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**9.67**	**ug/L**	**97**		**SW846 8260B**
	ND	**10.0**	**9.84**	**ug/L**	**98**	**1.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(75 - 120)
	113	(75 - 120)
1,2-Dichloroethane-d4	123	(65 - 130)
	125	(65 - 130)
Toluene-d8	108	(80 - 130)
	109	(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 #...:	E1G260321	**Work Order #...:**	EG12J1AF-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1G260332-006		EG12J1AG-MSD		
Date Sampled...:	07/26/01 11:10	**Date Received..:**	07/26/01 17:40	**MS Run #.....:**	1208246
Prep Date.....:	07/27/01	**Analysis Date..:**	07/27/01		
Prep Batch #...:	1208447	**Analysis Time..:**	07:24		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSC

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**90**	**(70 - 130)**			**SW846 8260B**
	95	**(70 - 130)**	**2.6**	**(0-25)**	**SW846 8260B**
Benzene	**98**	**(75 - 120)**			**SW846 8260B**
	100	**(75 - 120)**	**2.3**	**(0-25)**	**SW846 8260B**
Trichloroethene	**99**	**(75 - 130)**			**SW846 8260B**
	98	**(75 - 130)**	**0.49**	**(0-25)**	**SW846 8260B**
Toluene	**98**	**(80 - 120)**			**SW846 8260B**
	100	**(80 - 120)**	**1.8**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**97**	**(80 - 120)**			**SW846 8260B**
	98	**(80 - 120)**	**1.7**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(75 - 120)
	113	(75 - 120)
1,2-Dichloroethane-d4	123	(65 - 130)
	125	(65 - 130)
Toluene-d8	108	(80 - 130)
	109	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters