

START

0044237

SDG Memo/Sample Summary

Client Name: WESTINGHOUSE HANFORD CO. Date: 20 Jul 1993
 Project Name: 93-172 Update No.:
 SDG No.: 3742 Work Order No.: 32468-20-03
 Project Manager: J. DEWALD
 Mail Date:

Client Samp No.	S-Cubed Samp No.	Date Rcvd	Date Samp	Matrix	8010VOA	VOAOLM								
B08ML8	3742-01	7-8-1993	7-1-1993	WATER	X									
B08ML8MS	3742-01MS	7-8-1993	7-1-1993	WATER	X									
B08ML8MSD	3742-01MSD	7-8-1993	7-1-1993	WATER	X									
B08ML8	3742-02	7-8-1993	7-1-1993	WATER		X								
B08ML8MS	3742-02MS	7-8-1993	7-1-1993	WATER		X								
B08ML8MSD	3742-02MSD	7-8-1993	7-1-1993	WATER		X								

(X) = Non-Billable Sample





NARRATIVE

July 29, 1993

Narrative Project: 93-172
Reference No.: 32468-20-03
Client: WHC
SDG No.: 3742

VOLATILES

Samples were analyzed for the Target Compound List (TCL) volatile organic compounds according to the EPA CLP OLM01.8 (3/90) procedure. Analysis of the samples was performed using GC-MS purge and trap techniques with internal standard quantitation.

Water samples were routinely analyzed on a Quadrex 70 meter megabore capillary column connected to a jet separator. Water samples were analyzed using a DynaTech PTA-30 autosampler which, due to automated surrogate and internal standard spiking, does not allow for variation of surrogate concentrations in the ICAL. Consequently all standards were spiked with surrogates at 50 ppb.

Non target compounds were reported as Tentatively Identified Compounds (TICs) with an estimated quantitation based on an assumed relative response factor of 1.0 using the closest internal standard as a reference. Peaks less than 10% of the area of the nearest internal standard were not reported.

One aqueous sample was analyzed for volatile organic compounds. A trace amount (4-ppb) of Methylene Chloride was the only target analyte found. Siloxane column bleed was found in the lab blank and the sample in like amounts and reported as TIC's.

Trichloroethene demonstrated slightly high recoveries in both the MS and MSD analyses of sample B08M19. The LCS showed compliant recovery for Trichloroethene indicating a true sample matrix effect. All surrogate recoveries pass QC requirements, and the initial and continuing calibration data are method compliant.

A handwritten signature in black ink, appearing to read 'John DeWald', is written over a horizontal line.

John DeWald
Project Manager

enclosures

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NARRATIVE

July 27, 1993

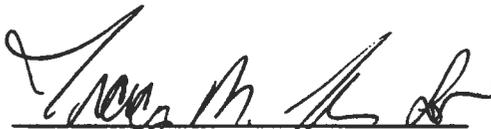
Narrative Project: 93-172
Reference No.: 32468-20-03
Client: WHC
SDG No.: 3742

VOLATILES (8010)

Samples were analyzed by SW-846 Method 8010 GC/HECD purge and trap analysis. All hits were confirmed by Method 8240 GC/MS.

Sample B08ML8 required dilution due to high level of CCL₄.

All calibration and sample QC were acceptable.



John DeWald
Project Manager

enclosures

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Westinghouse
Hanford Company

CHAIN OF CUSTODY

pg. 1 of 3

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations CCL4
 Ice Chest No. ESI
 Bill of Lading/Airbill No. 2536955795
 Method of Shipment EMERY
 Shipped to S-CUBED
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date 7-1-93
 Field Logbook No. EFL-1057
 Offsite Property No. W93-0-0585-13

Sample Identification	METHOD
B08ML8 3, 40ml, Gs, WATER; VOA(.008% Na2S2O3)	8010
B08ML9 3, 40ml, Gs, WATER; CLP-VOA	

Field Transfer of Custody		Chain of Possession		(Sign and Print Names)
Relinquished by: 7/1/93 <i>Robert G. G. Hamilton</i>	Received by: <i>Bill Butcher</i> B.T. WHITTEN	Date/Time:	7-7-93 0800	
Relinquished by: <i>Bill Butcher</i> B. WHITTEN	Received by: <i>Armet Armet</i> A. SMITH	Date/Time:	7/8/93 11:30	
Relinquished by:	Received by:	Date/Time:		
Relinquished by:	Received by:	Date/Time:		
Final Sample Disposition				
Disposal Method:	Disposed by:	Date/Time:		
Comments:				

Contractor W/HC	OFF-SITE PROPERTY CONTROL	CONTROL NUMBER (To be obtained from PROPERTY MANAGEMENT) 1093-C-05285 13
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PART I - TO BE COMPLETED BY ORIGINATOR

Department ENVIRONMENTAL	Section GENERAL AFFAIRS	Unit GENERAL AFFAIRS
The following items are to be shipped from		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Vendor
Routing		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Vendor
Shipped to S. CURTIS LARS 3378 CARMEL MT RD SAN JERONIMO CH TX 76171	Off-site Custodian JOHN DEWALD	
		Full Title

Quantity	Description (Include Serial and any Government Tag Numbers)	Original Cost
1 43 LBS	SAMPLE #: 1508ML9, 1508ML7, COLOR ID#: YELL LTRK WITH FACILE INTER SAMPLES. WPKD IN WGT ICE & REFRIGERATE.	1415

Classified Unclassified Shipped Under DOE Contract Shipped Under Contractor's Use Permit Contract

Necessity for the Off-Site Use of this Property

SAMPLING CONDUCT W/FE WORK IN THE CARSON TET AREA.

BEST AVAILABLE COPY

BILL OF LADING 033875 1173

CERTIFICATION OF THE RADIATION MONITORING RELEASE MUST BE SECURED THE SAME DAY THAT MATERIAL IS DELIVERED TO SHIPPING.

RM Clearance for Public Release	RM Survey No.	Date	
Location of Property (Area & Bldg.)	Contact	Phone	
Date Ready for Shipment	Cost Code to be Charged	Approximate Date This Property will be Returned	
Originated By	Date	Authorized By	Date
Signature and Name of Property Control	Custodian Date	Property Management Approval	Date

PART II - TO BE COMPLETED BY SHIPPING

Signature of Recipient	Return Order No.	Date Issued	Purchase Order No.	Date Issued
Date				

DISTRIBUTION

By Originator White, Green, Yellow, Pink - Property Management Goldenrod - Retain	Shipping Operation - Sign all Copies and Forward to: White - Property Management Green - Property Control Custodian (Issuing Office) Yellow - Retain Pink - Originator
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EMERY
WORLDWIDE



DATE: 07-07-93 SHIPMENT NO.: 2536955795 *(645)*
 SHIP TO: WESTINGHOUSE SHIPPING DEPT. (509) 376-6665
 REFERENCE NO.: W93-0-0585/13

SIGNATURE AND TALLY RECORD

90029-46 (2-88) Litho USA

SHIPPER NAME AND ADDRESS

WESTINGHOUSE SHIPPING DEPT. (509) 376-6665
 62-06 U.S. DEPARTMENT OF ENERGY C/O
 WESTINGHOUSE HANFORD COMPANY
 2355 STEVENS DRIVE 1163 BUILDING
 PO BOX 1970
 RICHLAND WA 99352

CONSIGNEE NAME AND ADDRESS

JOHN DEWALD
 S-CUBED
 3398 CARMEL MT. ROAD
 SAN DIEGO CA 92121-1095

Pieces	Weight	Description/Marks	Emery Authorization No.
1	43 LBS	COOLER WATER SAMPLES 800MLB, 800ML9	

EACH PERSON HANDLING OR TAKING CUSTODY OF THIS SHIPMENT MUST SIGN AND COMPLETE THE INFORMATION BELOW

Name of Person/Company	Transship Point/Destination	Signature of Person Accepting Custody	Time/Date
1.			
2.			
3.			
4.			
5. J PRICE	SAN	<i>[Signature]</i>	1000/7-83
6. D. PHILIP	SAN	<i>[Signature]</i>	114
7. ALLEN M. PLUTH	S-CUBED	<i>[Signature]</i>	1146 7-8-93
8.			

SPECIAL HANDLING INSTRUCTIONS

CONFIDENTIAL

96244200
2002-11-29

FORM OF PAYMENT		SERVICES		INTERNATIONAL	
Check <input type="checkbox"/> GEL <input type="checkbox"/>	FCCOD <input type="checkbox"/>	UNITED STATES / CANADA	Express <input type="checkbox"/>	Standard Plus <input type="checkbox"/>	Business Documents <input type="checkbox"/>
Bill to Shipper <input checked="" type="checkbox"/>	Bill to Consignee <input type="checkbox"/>	<input type="checkbox"/> Same Day (Extra Charges)	<input type="checkbox"/> Standard	<input type="checkbox"/> Preferred	<input type="checkbox"/> Customs Clearance
Third Party Billing <input type="checkbox"/>		<input checked="" type="checkbox"/> AM	<input type="checkbox"/> PM	<input type="checkbox"/> Saturday Delivery	<input type="checkbox"/> Delivery
Shipper's Account Number E 850281585		Date	Origin	Shipment Number	
		07-07-93	PBC	253695579 5	
From:		To:		Tariff Dest.	Gateway
WESTINGHOUSE SHIPPING DEPT. (509) 376-6665		S_CUBED JOHN DEWALD			
U.S. DEPARTMENT OF ENERGY C/O		S-CUBED		Check to Shipper	\$
WESTINGHOUSE HANFORD		8888 3398 CARMEL MT. ROAD		EMERY WORLDWIDE will accept Consignee's check with all risks being assumed by Shipper, including but not limited to non-payment, fraud and misrepresentation.	
BLDQ 1163		2355 STEVENS DRIVE		Hold for Pick Up <input type="checkbox"/>	
RICHLAND WA		SAN DIEGO CA USA		Canada <input type="checkbox"/>	
Customer's Reference Numbers		Consignee's Account Number			
W81232 P12BR W93-0585/13		E 99352		92121	
Description		Dimensions		FOR INFORMATION OR RATES CALL 1-800 44 EMERY (1-800-428-6379)	
PH BUTCHER		1 11 16		Declared Value \$	
1 COOLER		1 43		2536955795	
WATER SAMPLES		Zip Ship <input type="checkbox"/>		Barcode	
B08M18, B08ML9		Mark if Emery Packaging is used		SAN - A	
Remarks		Urgent Letter <input type="checkbox"/>		Terms and Conditions on Back	
OVERNIGHT DELIVERY		Urgent Pack <input checked="" type="checkbox"/>			
SIGNATURE SECURITY SERVICE		For shipments within the 50 United States Shipper has the option to check this box and, by checking, agree that the Zip Ship conditions, described in the area to the right, apply.			
Shipper's Signature X		Third Party Account Number			
International Shipments		Third Party Account Number			
Commodity Code		Third Party Account Number			
Free Domestic <input type="checkbox"/>		Third Party Account Number			
Base Charge		International Customs Value			
		International Insurance			
		Total Transportation Charges			
		Other Charges/Advance of Origin			
		OCCAO		\$	

9613444.2016

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B08ML9

Lab Name: S-CUBED Contract: 32468-20-03
 Lab Code: S3 Case No.: 93-172 SAS No.: SDG No.: 3742
 Matrix: (soil/water) WATER Lab Sample ID: 3742-02
 Sample wt/vol: 5.00 (g/ml)ML Lab File ID: WH422
 Level: (low/med) LOW Date Received: 07/08/93
 %Moisture: not dec. 100.00 Date Analyzed: 07/14/93
 GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.00
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

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

CAS NO. COMPOUND Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethyl Benzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B08ML9

Lab Name: S-CUBED Contract: 32468-20-03
 Lab Code: S3 Case No.: 93-172 SAS No.: SDG No.: 3742
 Matrix: (soil/water) WATER Lab Sample ID: 3742-02
 Sample wt/vol: 5.00 (g/ml)ML Lab File ID: WH422
 Level: (low/med) LOW Date Received: 07/08/93
 %Moisture: not dec. 100.00 Date Analyzed: 07/14/93
 GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.00
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number of TICs found: 2 CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.00541-05-9	Cyclotrisiloxane, hexamethyl	15.58	15	JBN
2.00556-67-2	Cyclotetrasiloxane, octameth	21.07	13	JBN

1D
8010 VOLATILES ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B08ML8

Lab Name: S-CUBED Contract: 32468-20-03
 Lab Code: S3 Case No.: 93-172 SAS No.: SDG No.: 3742
 Matrix: (soil/water) WATER Lab Sample ID: 3742-01
 Sample wt/vol: 5 (g/ml) ML Lab File ID: K0707-7QUAD022
 %Moisture: 100.00 decanted: (Y/N) N Date Received: 07/08/93
 Extraction: (SepF/Cont/Sonc) Date Extracted:
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/14/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) pH: 0.00 Sulfur Cleanup: (Y/N)

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

CAS NO. COMPOUND ug/L Q

74-87-3	Chloromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
74-83-9	Bromomethane	0.500	U
75-00-3	Chloroethane	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
75-09-2	Methylene Chloride	0.500	U
156-60-5	Trans-1,2-Dichloroethylene	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
67-66-3	Chloroform	22.3	C
71-55-6	1,1,1-Trichloroethane	0.500	U
56-23-5	Carbon Tetrachloride	188	C
107-06-2	1,2-Dichloroethane	0.500	U
79-01-6	Trichloroethylene	0.557	
78-87-5	1,2-Dichloropropane	0.500	U
110-75-8	2-Chloro-Ethyl-Vinyl-Ether	25.0	U
75-27-4	Dichlorobromomethane	0.500	U
10061-01-5	cis-1,3-Dichloropropene	0.500	U
10061-02-6	trans-1,3-Dichloropropene	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
124-48-1	Dibromochloromethane	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-25-2	Bromoform	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U



NARRATIVE

July 29, 1993

Narrative Project: 93-172
Reference No.: 32468-20-03
Client: WHC
SDG No.: 3742

VOLATILES

Samples were analyzed for the Target Compound List (TCL) volatile organic compounds according to the EPA CLP OLM01.8 (3/90) procedure. Analysis of the samples was performed using GC-MS purge and trap techniques with internal standard quantitation.

Water samples were routinely analyzed on a Quadrex 70 meter megabore capillary column connected to a jet separator. Water samples were analyzed using a DynaTech PTA-30 autosampler which, due to automated surrogate and internal standard spiking, does not allow for variation of surrogate concentrations in the ICAL. Consequently all standards were spiked with surrogates at 50 ppb.

Non target compounds were reported as Tentatively Identified Compounds (TICs) with an estimated quantitation based on an assumed relative response factor of 1.0 using the closest internal standard as a reference. Peaks less than 10% of the area of the nearest internal standard were not reported.

One aqueous sample was analyzed for volatile organic compounds. A trace amount (4-ppb) of Methylene Chloride was the only target analyte found. Siloxane column bleed was found in the lab blank and the sample in like amounts and reported as TIC's.

Trichloroethene demonstrated slightly high recoveries in both the MS and MSD analyses of sample B08MI9. The LCS showed compliant recovery for Trichloroethene indicating a true sample matrix effect. All surrogate recoveries pass QC requirements, and the initial and continuing calibration data are method compliant.

A handwritten signature in black ink, appearing to read 'John DeWald', is written over a horizontal line.

John DeWald
Project Manager

enclosures

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3-22-93

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B08ML9

Lab Name: S-CUBED Contract: 32468-20-03
 Lab Code: S3 Case No.: 93-172 SAS No.: SDG No.: 3742
 Matrix: (soil/water) WATER Lab Sample ID: 3742-02
 Sample wt/vol: 5.00 (g/ml)ML Lab File ID: WH422
 Level: (low/med) LOW Date Received: 07/08/93
 %Moisture: not dec. 100.00 Date Analyzed: 07/14/93
 GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.00
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethyl Benzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B08ML9

Lab Name: S-CUBED Contract: 32468-20-03
 Lab Code: S3 Case No.: 93-172 SAS No.: SDG No.: 3742
 Matrix: (soil/water) WATER Lab Sample ID: 3742-02
 Sample wt/vol: 5.00 (g/ml)ML Lab File ID: WH422
 Level: (low/med) LOW Date Received: 07/08/93
 %Moisture: not dec. 100.00 Date Analyzed: 07/14/93
 GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.00
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number of TICs found: 2 CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.00541-05-9	Cyclotrisiloxane, hexamethyl	15.58	15	JBN
2.00556-67-2	Cyclotetrasiloxane, octamethyl	21.07	13	JBN



NARRATIVE

July 27, 1993

Narrative Project: 93-172
Reference No.: 32468-20-03
Client: WHC
SDG No.: 3742

VOLATILES (8010)

Samples were analyzed by SW-846 Method 8010 GC/HECD purge and trap analysis. All hits were confirmed by Method 8240 GC/MS.

Sample B08ML8 required dilution due to high level of CCL₄.

All calibration and sample QC were acceptable.

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John DeWald
Project Manager

enclosures

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John DeWald
7-29-93

1D
8010 VOLATILES ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B08ML8

Lab Name: S-CUBED Contract: 32468-20-03
 Lab Code: S3 Case No.: 93-172 SAS No.: SDG No.: 3742
 Matrix: (soil/water) WATER Lab Sample ID: 3742-01
 Sample wt/vol: 5 (g/ml) ML Lab File ID: K0707-7QUAD022
 %Moisture: 100.00 decanted: (Y/N) N Date Received: 07/08/93
 Extraction: (SepF/Cont/Sonc) Date Extracted:
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/14/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) pH: 0.00 Sulfur Cleanup: (Y/N)

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

CAS NO. COMPOUND Q

74-87-3	Chloromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
74-83-9	Bromomethane	0.500	U
75-00-3	Chloroethane	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
75-09-2	Methylene Chloride	0.500	U
156-60-5	Trans-1,2-Dichloroethylene	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
67-66-3	Chloroform	22.3	C
71-55-6	1,1,1-Trichloroethane	0.500	U
56-23-5	Carbon Tetrachloride	188	C
107-06-2	1,2-Dichloroethane	0.500	U
79-01-6	Trichloroethylene	0.557	U
78-87-5	1,2-Dichloropropane	0.500	U
110-75-8	2-Chloro-Ethyl-Vinyl-Ether	25.0	U
75-27-4	Dichlorobromomethane	0.500	U
10061-01-5	cis-1,3-Dichloropropene	0.500	U
10061-02-6	trans-1,3-Dichloropropene	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
124-48-1	Dibromochloromethane	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-25-2	Bromoform	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U

1D
8010 VOLATILES ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B08ML8DL

Lab Name: S-CUBED Contract: 32468-20-03
 Lab Code: S3 Case No.: 93-172 SAS No.: SDG No.: 3742
 Matrix: (soil/water) WATER Lab Sample ID: 3742-01DL
 Sample wt/vol: 5 (g/ml) ML Lab File ID: K0707-7QUAD023
 %Moisture: 100.00 decanted: (Y/N) N Date Received: 07/08/93
 Extraction: (SepF/Cont/Sonc) Date Extracted:
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/14/93
 Injection Volume: 1.00 (uL) Dilution Factor: 10.00
 GPC Cleanup: (Y/N) pH: 0.00 Sulfur Cleanup: (Y/N)

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

CAS NO. COMPOUND Q

74-87-3	Chloromethane	5.00	U
75-01-4	Vinyl Chloride	5.00	U
74-83-9	Bromomethane	5.00	U
75-00-3	Chloroethane	5.00	U
75-69-4	Trichlorofluoromethane	5.00	U
75-35-4	1,1-Dichloroethylene	5.00	U
75-09-2	Methylene Chloride	5.00	U
156-60-5	Trans-1,2-Dichloroethylene	5.00	U
75-34-3	1,1-Dichloroethane	5.00	U
156-59-2	cis-1,2-Dichloroethylene	5.00	U
67-66-3	Chloroform	23.9	C
71-55-6	1,1,1-Trichloroethane	5.00	U
56-23-5	Carbon Tetrachloride	171	C
107-06-2	1,2-Dichloroethane	5.00	U
79-01-6	Trichloroethylene	5.00	U
78-87-5	1,2-Dichloropropane	5.00	U
110-75-8	2-Chloro-Ethyl-Vinyl-Ether	250	U
75-27-4	Dichlorobromomethane	5.00	U
10061-01-5	cis-1,3-Dichloropropene	5.00	U
10061-02-6	trans-1,3-Dichloropropene	5.00	U
79-00-5	1,1,2-Trichloroethane	5.00	U
127-18-4	Tetrachloroethylene	5.00	U
124-48-1	Dibromochloromethane	5.00	U
108-90-7	Chlorobenzene	5.00	U
75-25-2	Bromoform	5.00	U
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U