

1993 CLOSURE PLAN IMPLEMENTATION

VOLUME 2 SECTIONS 5.1- 5.2

**IMC MAGNETICS CORP.
570 MAIN STREET
WESTBURY, NEW YORK**

APPENDIX 5.0

ACTUAL LABORATORY RESULTS

APPENDIX 5.1

March 1993 results; floor drains: FD-2, FD-4, FD-5



Teterboro Division
100 Hollister Road
Teterboro, New Jersey 07608
FAX: 201-288-5311
201-288-3700 800-729-0852

LABORATORY ANALYSIS REPORT

Client: Anson Environmental
33 Gerard Street Suite 100
Huntington, NY 11743

Project Manager: Ellen Martin

Project: IMC Magnetix
Wetbury, NY

Laboratory Report #: T303215

<u>Lab ID No.:</u>	<u>Sample Reference</u>	<u>Matrix</u>	<u>Collection Date</u>
T303215-01	FD#2	Soil	03/10/93
T303215-02	FD#4	Soil	03/10/93
T303215-03	FD#5	Soil	03/10/93
T303215-04	Field Blk	Aqueous	03/10/93
T303215-05	Trip Blk	Aqueous	03/10/93

Date Received: March 11, 1993

Date of Report: April 23, 1993

N.J. Certification #02046
N.Y. Certification #10588

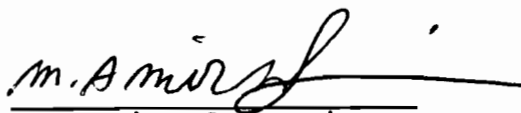

Mo Amirsoleymani
Quality Assurance Manager

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BILLING INFORMATION

CUSTOMER: Anson Environmental
ADDRESS: 33 Gerard St. Suite 100
Huntington NY 11743
PROJECT: IME magnifico
PROJECT MANAGER: Ellen Martin
PROJECT LOCATION: Westbury STATE: NY
PO NUMBER: 92067

REPORT INFORMATION

SEND REPORT TO: Dean Anson
Anson Environmental Ltd.
33 Gerard St. Suite 100
Huntington, NY 11743

DATE REPORT REQUIRED: 3 Wks

RUSH RESULTS: FAX

PROJECT INFORMATION

DELIVERABLES/REGULATION (PLEASE INDICATE):

TURNAROUND (INDICATE CALENDAR DAYS. CONFIRM WITH LAB): NAME OF PERSON CONFIRMING:

21

IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:

NAME: Ellen Martin

TELEPHONE: 516-787-7090

ANALYTICAL REQUESTS

[illegible]

CUSTODY

RELINQUISHED:	DATE: 3/11/93
RECEIVED:	TIME: 1:20p
RELINQUISHED:	DATE:
RECEIVED:	TIME:
RELINQUISHED:	DATE:
RECEIVED:	TIME:
RELINQUISHED:	DATE:
RECEIVED:	TIME:
RELINQUISHED:	DATE:
RECEIVED:	TIME:

COMMENTS REQUESTS OR REMARKS:	

Please composite the VOA's

SAMPLE DISPOSAL: Return to Client ☐ Lab Disposal ☐ (additional Fee)

CONCENTRATIONS EXPECTED High ☐ Medium ☐ Low ☐

KNOWN HAZARD YES ☐ NO ☐

DESCRIBE:

METHODS SUMMARY

PURGEABLE HALOCARBONS/AROMATICS BY METHODS 601-8010/602-8020

Methods 601/8010 and 602/8020 are based on the gas chromatographic analysis of five milliliters of aqueous sample or approximately 5 grams of solid waste for purgeable halocarbons and purgeable aromatics, respectively. The samples are purged, trapped and desorbed onto a column using a temperature ramping program. A Hall electrolytic conductivity detector in series with a photoionization detector (PID) is used for detection of these compounds.

0002

METHODS SUMMARY

TRACE METALS

Reference: EPA SW846 3rd Edition, 1986 Vol. 1 A

Non-aqueous samples are digested for ICAP and GFAA according to method 3050 and for CV according to method 7470. Extracts and aqueous samples (ECRA and RCRA projects) are digested for ICAP, GFAA, and CV according to methods 3010, 3020, and 7470 respectively.

ICAP analyses are conducted in accordance with Method 6010. GFAA analyses are conducted in accordance with methods 7041 for antimony, 7060 for arsenic, 7740 for selenium and 7841 for thallium. CV analyses are conducted in accordance with method 7470.

Titanium and tin are analyzed for GFAA according to methods 282.2 and 283.3 respectively (EPA 600/4-79-020, 1983 revision).

TRACE METALS

Reference: EPA 600/4-79-020, 1983 revision.

Potable water, aqueous wastes, and surface water are digested according to EPA methods 4.1.4 for GFAA and FLAA, 200.7 for ICAP, and 245.1 for CV. GFAA analyses are conducted in accordance with methods 204.4 for antimony, 206.2 for arsenic, 239.2 for lead, 270.2 for selenium, 279.2 for thallium, 282.2 for tin, and 283.2 for titanium. ICAP analyses are conducted in accordance with method 200.7, CV analyses with method 245.1, and FLAA analyses with method 273.1 for sodium only.

GFAA = Graphite furnace atomic absorption.

ICAP = Inductively Coupled Argon Plasma.

FLAA = Flame atomic absorption.

CV = Cold vapor atomic absorption for Hg.

TCLP METALS

Samples are extracted and analyzed in accordance with method 1311 published in the Federal Register, 40 CFR 261, June 29, 1990.

1003

ORGANIC NON-CONFORMANCE SUMMARY

GC/MS VOLATILES

1. The quantitation limits are elevated due to the dilution required for samples FD#2, FD#4 and FD#5 (T303215-01, 02 and 03).
2. Originally the samples FD#2, FD#4 and FD#5 (T303215-01, 02 and 03) were analyzed at a lower dilution within the required holding time. Due to the high concentration of some analytes the sample had to be analyzed at a higher dilution one day beyond the required holding time. The quantitation reports for the original analysis are submitted at the end of the package.

004

INORGANIC NON-CONFORMANCE SUMMARY

METALS

1. The quantitation limits are elevated due to matrix interference for Silver analysis in sample FD#5 (T303215-03).
2. The quantitation limits are elevated due to the dilution required for Barium, Chromium, Cadmium and Lead analyses of sample FD#2 (T303215-01).
3. The quantitation limits are elevated due to the dilution required for Mercury analysis of samples FD#2, FD#4 and FD#5 (T303215-01, 02 and 03).
4. The quantitation limits are elevated due to the dilution required for Chromium analyses of samples FD#4 and FD#5 (T303215-02 and 03).
5. The matrix spike/replicate recoveries are out of range due to matrix interference of sample FD#2 (T303215-01). A blank spike/blank spike duplicate recovery summary is submitted.

005

LABORATORY RESOURCES, INC.

LABORATORY CHRONICLES

Sample Number	Received & Refrigerated Date:	Analyst Initial	FD#2	FD#4	FD#5	Field Blank	TRSP Blank
7303215			01	02	03	04	05
		RM	3/10/93				
Organics Extraction Date:							
Base/Neutrals/Acids							
Acids Extractables							
Pesticides/PCBs							
Herbicides							
Analysis Date :							
Volatiles/GCMS							
Base/Neutrals/Acids							
Pesticides/PCBs							
Herbicides							
Volatiles/GC		EM	3/25/93			3/22/93	3/22/93
Total Solids							
Organic supervisor Review & Approval		RL	4/5/93				

Teterboro Division
100 Hollister Road
Teterboro, New Jersey 07608
FAX: 201-288-5311
201-288-3700 800-729-0852

TABLE 2-16. REQUIRED CONTAINERS, PRESERVATION TECHNIQUES, AND HOLDING TIMES

Name	Container ¹	Preservation	Maximum holding time
Bacterial Tests:			
Coliform, fecal and total	P, G	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	6 hours
Fecal streptococci	P, G	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	6 hours
Inorganic Tests:			
Acidity	P, G	Cool, 4°C	14 days
Alkalinity	P, G	Cool, 4°C	14 days
Ammonia	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Biochemical oxygen demand	P, G	Cool, 4°C	48 hours
Bromide	P, G	None required	28 days
Biochemical oxygen demand, carbonaceous	P, G	Cool, 4°C	48 hours
Chemical oxygen demand	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Chloride	P, G	None required	28 days
Chlorine, total residual	P, G	None required	Analyze immediately
Color	P, G	Cool, 4°C	48 hours
Cyanide, total and amenable to chlorination	P, G	Cool, 4°C, NaOH to pH12, 0.6g ascorbic acid	14 days
Fluoride	P	None required	28 days
Hardness	P, G	HNO ₃ to pH2, H ₂ SO ₄ to pH2	6 months
Hydrogen ion (pH)	P, G	None required	Analyze immediately
Kjeldahl and organic nitrogen	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Metals:			
Chromium VI	P, G	Cool, 4°C	24 hours
Mercury	P, G	HNO ₃ to pH2	28 days
Metals, except chromium VI and mercury	P, G	HNO ₃ to pH2	6 months
Nitrate	P, G	Cool, 4°C	48 hours
Nitrate-nitrite	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Nitrite	P, G	Cool, 4°C	48 hours
Oil and grease	G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Organic carbon	P, G	Cool, 4°C, HCl or H ₂ SO ₄ to pH2	28 days
Orthophosphate	P, G	Filter immediately, cool, 4°C	48 hours
Oxygen, Dissolved Probe	G Bottle and top	None required	Analyze immediately
Winkler	do	Fix on site and store in dark	8 hours
Phenols	G only	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Phosphorus (elemental)	G	Cool, 4°C	48 hours
Phosphorus, total	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Residue, total	P, G	Cool, 4°C	7 days
Residue, Filterable	P, G	Cool, 4°C	7 days
Residue, Nonfilterable (TSS)	P, G	Cool, 4°C	7 days
Residue, Settleable	P, G	Cool, 4°C	48 hours
Residue, volatile	P, G	Cool, 4°C	7 days
Silica	P	Cool, 4°C	28 days
Specific conductance	P, G	Cool, 4°C	28 days



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Teterboro, New Jersey 07608
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201-288-3700 800-729-0852

TABLE 2-16. REQUIRED CONTAINERS, PRESERVATION TECHNIQUES, AND HOLDING TIMES (CONTINUED)

Name	Container ¹	Preservation	Maximum holding time
Sulfate	P, G	Cool, 4°C	28 days
Sulfide	P, G	Cool, 4°C, add zinc acetate plus sodium hydroxide to pH 9	7 days
Sulfite	P, G	None required	Analyze immediately
Surfactants	P, G	Cool, 4°C	48 hours
Temperature	P, G	None required	Analyze
Turbidity	P, G	Cool, 4°C	48 hours
Organic Tests:			
Purgeable Halocarbons	G, Teflon-lined septum	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	14 days
Purgeable aromatic hydrocarbons	G, Teflon-lined septum	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃ , HCl to pH 2	14 days
Acrolein and acrylonitrile	G, Teflon-lined septum	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃ , Adjust pH to 4-5	14 days
Phenols	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	7 days until extraction, 40 days after extraction
Benzidines	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	7 days until extraction
Phthalate esters	G, Teflon-lined cap	Cool, 4°C	7 days until extraction, 40 days after extraction
Nitrosamines	G, Teflon-lined cap	Cool, 4°C, store in dark, 0.008% Na ₂ S ₂ O ₃	40 days after extraction
PCBs, acrylonitrile	G, Teflon-lined cap	Cool, 4°C	40 days after extraction
Nitroaromatics and isophorone	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃ store in dark	40 days after extraction
Polynuclear aromatic hydrocarbons	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃ store in dark	40 days after extraction
Haloethers	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	40 days after extraction
Chlorinated hydrocarbons	G, Teflon-lined cap	Cool, 4°C	40 days after extraction
TCDD	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	40 days after extraction
Total organic halogens	G, Teflon-lined cap	Cool, 4°C; H ₂ SO ₄ to pH < 2	7 days
Pesticides Tests:			
Pesticides	G, Teflon-lined cap	Cool, 4°C, pH 5-9	40 days after extraction
Radiological Tests:			
Alpha, beta and radium	P, G	HNO ₃ to pH 2	6 months

¹ Polyethylene (P) or Glass (G)

008

CASE NARRATIVE

Laboratory Resources, New Jersey Division, received three soil samples plus a field and trip blank for Reduced Deliverables Format on March 11, 1993. The samples were analyzed for the parameters outlined in the chain of custody.

The samples were analyzed within the required holding time. Any parameters which were outside of their respective quality control ranges are noted in the non-conformance summaries.

Please contact us if there are any questions regarding the enclosed results.

009

GC CONFORMANCE/NONCONFORMANCE SUMMARY

No Yes

1. Chromatograms Labeled/Compounds Identified

 /

2. Standards Summary Submitted

 /

3. Calibration Frequency

Initial calibration performed within 30 days before sample analysis and
continuing calibration performed within 24 hours of sample analysis

 /

4. Blank Contamination

If yes, list compounds and concentrations in each blank:

 / /

- a. Volatile Fraction
- b. Pesticides/PCBs
- c. Herbicide Fraction
- d. Other

Methylene Chloride

5. Surrogate Recoveries Meet Criteria

If not met, list those compounds and their recoveries which fall outside the acceptable range:

 /

- a. Volatile Fraction
- b. Pesticides/PCBs
- c. Herbicide Fraction
- d. Other

If not met, were the calculations checked and the results qualified as estimated?

 /

6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria

If not met, list those compounds and their recoveries which fall outside the acceptable range:

- a. Volatile Fraction
- b. Pesticides/PCBs
- c. Herbicide Fraction
- d. Other

7. Retention Time Shifts Meet Criteria

If not, list those samples which fall outside the acceptable range:

 /

- a. Volatile Fraction
- b. Pesticides/PCBs
- c. Herbicide Fraction
- d. Other

8. Extraction Holding Time Met

If not met, list analysis and number of days exceeded for each sample:

NA

9. Analysis Holding Time Met

If not met, list analysis and number of days exceeded for each sample:

 010

Laboratory Supervisor:

[Signature]

Date:

4/5/93

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
PETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T300218
DATE COLLECTED: 03/10/97
DATE RECEIVED: 03/11/97
DATE ANALYZED: 03/25/97
DILUTION FACTOR: 5000
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> SAMPLE ID.>	FD#> 01	MDL
BROMODICHLOROMETHANE		ND	5540
BROMOFORM		ND	5540
BROMOMETHANE		ND	5540
CARBON TETRACHLORIDE		ND	5540
CHLOROBENZENE		77200	5540
CHLOROETHANE		ND	5540
CHLOROFORM		ND	5540
CHLOROMETHANE		ND	5540
DIBROMODICHLOROMETHANE		ND	5540
DICHLORODIFLUOROMETHANE		ND	5540
1,1-DICHLOROETHANE		ND	5540
1,2-DICHLOROETHANE		ND	5540
1,1-DICHLOROETHENE		ND	5540
TRANS-1,2-DICHLOROETHENE		ND	5540
1,2-DICHLOROPROPANE		ND	5540
CIS-1,3-DICHLOROPROPENE		ND	5540
TRANS-1,3-DICHLOROPROPENE		ND	5540
METHYLENE CHLORIDE		7340	5540
1,1,2,2-TETRACHLOROETHANE		ND	5540
TETRACHLOROETHENE		1420000	5540
1,1,1-TRICHLOROETHANE		9910	5540
1,1,2-TRICHLOROETHANE		ND	5540
TRICHLOROETHENE		73600	5540
TRICHLOROFLUOROMETHANE		ND	5540
VINYL CHLORIDE		ND	5540

% SURROGATE RECOVERY 84.70%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILLUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

011

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TEVERBURD, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T3003217
DATE COLLECTED: 03/10/99
DATE RECEIVED: 03/11/99
DATE ANALYZED: 03/25/99
DILUTION FACTOR: 5000
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> SAMPLE ID.>	FI#<2 01	MDL
BENZENE		39500	5540
ETHYLBENZENE		56100	5540
1,2-DICHLOROBENZENE		38600	5540
1,3-DICHLOROBENZENE		34800	5540
1,4-DICHLOROBENZENE		37000	5540
TOLUENE		41200	5540
TOTAL XYLENES		131000	11000

% SURROGATE RECOVERY 99.69%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
 100 HOLLISTER ROAD
 TEANECK, NJ 07608
 LAB CERTIFICATION: NJ 02046
 NY 10588

WORK ORDER #: T303211
 DATE COLLECTED: 03/10/98
 DATE RECEIVED: 03/11/98
 DATE ANALYZED: 03/25/98
 DILUTION FACTOR: 500
 ANALYST: ELYSSA

PARAMETER	CLIENT ID.> SAMPLE ID.>	FD#> 02	MDL
BROMODICHLOROMETHANE		ND	380
BROMOFORM		ND	380
BROMOMETHANE		ND	380
CARBON TETRACHLORIDE		ND	380
CHLOROBENZENE		1760	380
CHLOROETHANE		ND	380
CHLOROFORM		ND	380
CHLOROMETHANE		ND	380
DIBROMODICHLOROMETHANE		ND	380
DICHLORODIFLUOROMETHANE		ND	380
1,1-DICHLOROETHANE		ND	380
1,2-DICHLOROETHANE		ND	380
1,1-DICHLOROETHENE		ND	380
TRANS-1,2-DICHLOROETHENE		ND	380
1,2-DICHLOROPROPANE		ND	380
CIS-1,3-DICHLOROPROPENE		ND	380
TRANS-1,3-DICHLOROPROPENE		ND	380
METHYLENE CHLORIDE		558	380
1,1,2,2-TETRACHLOROETHANE		ND	380
TETRACHLOROETHENE		169000	380
1,1,1-TRICHLOROETHANE		ND	380
1,1,2-TRICHLOROETHANE		ND	380
TRICHLOROETHENE		ND	380
TRICHLOROFLUOROMETHANE		ND	380
VINYL CHLORIDE		ND	380

% SURROGATE RECOVERY 77.48%

MDL=MINIMUM DETECTION LIMIT
 ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
 TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
 METHOD 8010

013

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORD, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303215
DATE COLLECTED: 03/10/04
DATE RECEIVED: 03/11/04
DATE ANALYZED: 03/25/04
DILUTION FACTOR: 50X
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> SAMPLE ID.>	FD#4 02	MOL
BENZENE		1300	350
ETHYLBENZENE		1600	380
1,2-DICHLOROBENZENE		1470	350
1,3-DICHLOROBENZENE		1140	350
1,4-DICHLOROBENZENE		1220	350
TOLUENE		1420	350
TOTAL XYLENES		3240	760

% SURROGATE RECOVERY 95.69%

MOL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MOL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (90-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

014

LABORATORY RESOURCES, INC.
107 HOLLISTER ROAD
PETERBORO, NJ 07660
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303215
DATE COLLECTED: 03/10/14
DATE RECEIVED: 03/11/14
DATE ANALYZED: 03/25/14
DILUTION FACTOR: 1000
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> SAMPLE ID.>	FD#5 03	MDL
BROMODICHLOROMETHANE		ND	879
BROMOFORM		ND	879
BROMOMETHANE		ND	879
CARBON TETRACHLORIDE		ND	879
CHLOROBENZENE		2000	879
CHLOROETHANE		ND	879
CHLOROFORM		ND	879
CHLOROMETHANE		ND	879
DIBROMOCHLOROMETHANE		ND	879
DICHLORODIFLUOROMETHANE		ND	879
1,1-DICHLOROETHANE		ND	879
1,2-DICHLOROETHANE		ND	879
1,1-DICHLOROETHENE		ND	879
TRANS-1,2-DICHLOROETHENE		ND	879
1,2-DICHLOROPROPANE		ND	879
CIS-1,3-DICHLOROPROPENE		ND	879
TRANS-1,3-DICHLOROPROPENE		ND	879
METHYLENE CHLORIDE		1030	879
1,1,2,2-TETRACHLOROETHANE		ND	879
TETRACHLOROETHENE		134000	879
1,1,1-TRICHLOROETHANE		ND	879
1,1,2-TRICHLOROETHANE		ND	879
TRICHLOROETHENE		ND	879
TRICHLOROFLUOROMETHANE		ND	879
VINYL CHLORIDE		ND	879

% SURROGATE RECOVERY 74.57%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

% SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

015

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T30321
DATE COLLECTED: 03/10/9
DATE RECEIVED: 03/11/9
DATE ANALYZED: 03/25/9
DILUTION FACTOR: 1000
ANALYST: EL/ES34

PARAMETER	CLIENT ID.> SAMPLE ID.>	FD#5 OX	MDL
BENZENE		1650	879
ETHYLBENZENE		1860	879
1,2-DICHLOROBENZENE		1720	879
1,3-DICHLOROBENZENE		1310	879
1,4-DICHLOROBENZENE		1530	879
TOLUENE		1810	879
TOTAL XYLENES		3970	1760

% SURROGATE RECOVERY 94.13%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR o,p,p'-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

0016

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
PETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303211
DATE COLLECTED: 03/10/97
DATE RECEIVED: 03/11/97
DATE ANALYZED: 03/22/97
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> FIELD BLANK	MDL
	SAMPLE ID.> 04	
BROMODICHLOROMETHANE	ND	0.50
BROMOFORM	ND	0.50
BROMOMETHANE	ND	0.50
CARBON TETRACHLORIDE	ND	0.50
CHLOROBENZENE	ND	0.50
CHLOROETHANE	ND	0.50
CHLOROFORM	ND	0.50
CHLOROMETHANE	ND	0.50
DIBROMODICHLOROMETHANE	ND	0.50
DICHLORODIFLUOROMETHANE	ND	0.50
1,1-DICHLOROETHANE	ND	0.50
1,2-DICHLOROETHANE	ND	0.50
1,1-DICHLOROETHENE	ND	0.50
TRANS-1,2-DICHLOROETHENE	ND	0.50
1,2-DICHLOROPROPANE	ND	0.50
CIS-1,3-DICHLOROPROPENE	ND	0.50
TRANS-1,3-DICHLOROPROPENE	ND	0.50
METHYLENE CHLORIDE	1.4	0.50
1,1,2,2-TETRACHLOROETHANE	ND	0.50
TETRACHLOROETHENE	ND	0.50
1,1,1-TRICHLOROETHANE	ND	0.50
1,1,2-TRICHLOROETHANE	ND	0.50
TRICHLOROETHENE	ND	0.50
TRICHLOROFLUOROMETHANE	ND	0.50
VINYL CHLORIDE	ND	0.50

% SURROGATE RECOVERY 69.09%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 601

017

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T300215
DATE COLLECTED: 03/10/9
DATE RECEIVED: 03/11/9
DATE ANALYZED: 03/22/9
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	CLIENT ID.>	FIELD BLANK	MDL
	SAMPLE ID.>	04	
BENZENE		ND	0.50
ETHYLBENZENE		ND	0.50
1,2-DICHLOROBENZENE		ND	0.50
1,3-DICHLOROBENZENE		ND	0.50
1,4-DICHLOROBENZENE		ND	0.50
TOLUENE		ND	0.50
TOTAL XYLENES		ND	1.0

% SURROGATE RECOVERY 94.83%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 602

LABORATORY RESOURCES, INC.
 100 HOLLISTER ROAD
 TETERBORO, NJ 07608
 LAB CERTIFICATION: NJ 02046
 NY 10568

WORK ORDER #: T303215
 DATE COLLECTED: 03/10/9
 DATE RECEIVED: 03/10/9
 DATE ANALYZED: 03/17/9
 DILUTION FACTOR: 1.0
 ANALYST: ELYSSA

PARAMETER	CLIENT ID.> TRIP BLANK SAMPLE ID.> 05	MDL
BROMODICHLOROMETHANE	ND	0.50
BROMOFORM	ND	0.50
BROMOMETHANE	ND	0.50
CARBON TETRACHLORIDE	ND	0.50
CHLOROBENZENE	ND	0.50
CHLOROETHANE	ND	0.50
CHLOROFORM	ND	0.50
CHLOROMETHANE	ND	0.50
DIBROMOCHLOROMETHANE	ND	0.50
DICHLORODIFLUOROMETHANE	ND	0.50
1,1-DICHLOROETHANE	ND	0.50
1,2-DICHLOROETHANE	ND	0.50
1,1-DICHLOROETHENE	ND	0.50
TRANS-1,2-DICHLOROETHENE	ND	0.50
1,2-DICHLOROPROPANE	ND	0.50
CIS-1,3-DICHLOROPROPENE	ND	0.50
TRANS-1,3-DICHLOROPROPENE	ND	0.50
METHYLENE CHLORIDE	1.7	0.50
1,1,2,2-TETRACHLOROETHANE	ND	0.50
TETRACHLOROETHENE	ND	0.50
1,1,1-TRICHLOROETHANE	ND	0.50
1,1,2-TRICHLOROETHANE	ND	0.50
TRICHLOROETHENE	ND	0.50
TRICHLOROFLUOROMETHANE	ND	0.50
VINYL CHLORIDE	ND	0.50

% SURROGATE RECOVERY 85.49%

MDL=MINIMUM DETECTION LIMIT
 ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
 TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
 METHOD 601

019

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T30352
DATE COLLECTED: 03/10/94
DATE RECEIVED: 03/11/94
DATE ANALYZED: 03/17/94
DILUTION FACTOR: 1.0
ANALYST: ELYSEA

PARAMETER	CLIENT ID.> TRIP BLANK SAMPLE ID.> 05	MDL
BENZENE	ND	0.50
ETHYLBENZENE	ND	0.50
1,2-DICHLOROBENZENE	ND	0.50
1,3-DICHLOROBENZENE	ND	0.50
1,4-DICHLOROBENZENE	ND	0.50
TOLUENE	ND	0.50
TOTAL XYLENES	ND	1.0

% SURROGATE RECOVERY 107.00%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 602

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
PETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10538

WORK ORDER #: T30321

DATE ANALYZED: 03/17/94
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BROMODICHLOROMETHANE		ND	0.50
BROMOFORM		ND	0.50
BROMOMETHANE		ND	0.50
CARBON TETRACHLORIDE		ND	0.50
CHLOROBENZENE		ND	0.50
CHLOROETHANE		ND	0.50
CHLOROFORM		ND	0.50
CHLOROMETHANE		ND	0.50
DIBROMOCHLOROMETHANE		ND	0.50
DICHLORODIFLUOROMETHANE		ND	0.50
1,1-DICHLOROETHANE		ND	0.50
1,2-DICHLOROETHANE		ND	0.50
1,1-DICHLOROETHENE		ND	0.50
TRANS-1,2-DICHLOROETHENE		ND	0.50
1,2-DICHLOROPROPANE		ND	0.50
CIS-1,3-DICHLOROPROPENE		ND	0.50
TRANS-1,3-DICHLOROPROPENE		ND	0.50
METHYLENE CHLORIDE		4.3	0.50
1,1,2,2-TETRACHLOROETHANE		ND	0.50
TETRACHLOROETHENE		ND	0.50
1,1,1-TRICHLOROETHANE		ND	0.50
1,1,2-TRICHLOROETHANE		ND	0.50
TRICHLOROETHENE		ND	0.50
TRICHLOROFLUOROMETHANE		ND	0.50
VINYL CHLORIDE		ND	0.50

% SURROGATE RECOVERY 81.99%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 601

021

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
PETERSBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T30321:

DATE ANALYZED: 03/17/97
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	SAMPLE ID.>	METHOD BLANK:	MDL
BENZENE		ND	0.50
ETHYLBENZENE		ND	0.50
1,2-DICHLOROBENZENE		ND	0.50
1,3-DICHLOROBENZENE		ND	0.50
1,4-DICHLOROBENZENE		ND	0.50
TOLUENE		ND	0.50
TOTAL XYLENES		ND	1.0

% SURROGATE RECOVERY 108.16%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 602

022

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
PETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303215

DATE ANALYZED: 05/22/01
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BROMODICHLOROMETHANE		ND	0.50
BROMOFORM		ND	0.50
BROMOMETHANE		ND	0.50
CARBON TETRACHLORIDE		ND	0.50
CHLOROBENZENE		ND	0.50
CHLOROETHANE		ND	0.50
CHLOROFORM		ND	0.50
CHLOROMETHANE		ND	0.50
DIBROMOCHLOROMETHANE		ND	0.50
DICHLORDIFLUOROMETHANE		ND	0.50
1,1-DICHLOROETHANE		ND	0.50
1,2-DICHLOROETHANE		ND	0.50
1,1-DICHLOROETHENE		ND	0.50
TRANS-1,2-DICHLOROETHENE		ND	0.50
1,2-DICHLOROPROPANE		ND	0.50
CIS-1,3-DICHLOROPROPENE		ND	0.50
TRANS-1,3-DICHLOROPROPENE		ND	0.50
METHYLENE CHLORIDE		1.3	0.50
1,1,2,2-TETRACHLOROETHANE		ND	0.50
TETRACHLOROETHENE		ND	0.50
1,1,1-TRICHLOROETHANE		ND	0.50
1,1,2-TRICHLOROETHANE		ND	0.50
TRICHLOROETHENE		ND	0.50
TRICHLOROFLUOROMETHANE		ND	0.50
VINYL CHLORIDE		ND	0.50

% SURROGATE RECOVERY 76.26%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 601

023

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303216

DATE ANALYZED: 03/22/94
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BENZENE		ND	0.50
ETHYLBENZENE		ND	0.50
1,2-DICHLOROBENZENE		ND	0.50
1,3-DICHLOROBENZENE		ND	0.50
1,4-DICHLOROBENZENE		ND	0.50
TOLUENE		ND	0.50
TOTAL XYLENES		ND	1.0

% SURROGATE RECOVERY 92.61%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (60-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 602

024

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TEVERBORD, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303218

DATE ANALYZED: 03/24/97
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BROMODICHLOROMETHANE		ND	0.50
BROMOFORM		ND	0.50
BROMOMETHANE		ND	0.50
CARBON TETRACHLORIDE		ND	0.50
CHLOROBENZENE		ND	0.50
CHLOROETHANE		ND	0.50
CHLOROFORM		ND	0.50
CHLOROMETHANE		ND	0.50
DIBROMODICHLOROMETHANE		ND	0.50
DICHLORODIFLUOROMETHANE		ND	0.50
1,1-DICHLOROETHANE		ND	0.50
1,2-DICHLOROETHANE		ND	0.50
1,1-DICHLOROETHENE		ND	0.50
TRANS-1,2-DICHLOROETHENE		ND	0.50
1,2-DICHLOROPROPANE		ND	0.50
CIS-1,3-DICHLOROPROPENE		ND	0.50
TRANS-1,3-DICHLOROPROPENE		ND	0.50
METHYLENE CHLORIDE		0.61	0.50
1,1,2,2-TETRACHLOROETHANE		ND	0.50
TETRACHLOROETHENE		ND	0.50
1,1,1-TRICHLOROETHANE		ND	0.50
1,1,2-TRICHLOROETHANE		ND	0.50
TRICHLOROETHENE		ND	0.50
TRICHLOROFLUOROMETHANE		ND	0.50
VINYL CHLORIDE		ND	0.50

% SURROGATE RECOVERY 70.01%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

025

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
PETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303215

DATE ANALYZED: 03/24/97
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	SAMPLE ID.>	METHOD BLANK	MOL
BENZENE		ND	0.50
ETHYLBENZENE		ND	0.50
1,2-DICHLOROBENZENE		ND	0.50
1,3-DICHLOROBENZENE		ND	0.50
1,4-DICHLOROBENZENE		ND	0.50
TOLUENE		ND	0.50
TOTAL XYLENES		ND	1.0

% SURROGATE RECOVERY 103.06%

MOL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MOL

% SURROGATE RECOVERY RANGE FOR 1,1,1-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 8020

026

INITIAL CALIBRATION(HECD)
LABORATORY RESOURCES, INC.

DATE: JANUARY 19, 1993

TRACOR 9000

COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	%RSD
2CL-2FL-METHANE	0.26553	0.647767	0.45793	0.466573	0.361501	0.43986	32.31109
CHLOROMETHANE	0.075618	0.302721	0.089668	0.08655	0.05911	0.122733	82.55585
VINYL CHLORIDE	1.384367	1.847284	1.503032	1.598063	1.27741	1.522031	14.34655
BROMOMETHANE	0.441189	0.680614	0.392134	0.443981	0.40437	0.472456	25.08976
CHLOROETHANE	0.744495	1.3673	0.785044	0.795849	0.641064	0.86675	33.04467
3CL-FL-METHANE	3.202395	4.046369	3.608715	3.89383	3.266129	3.603488	10.33842
1,1-DICHLOROETHENE	2.459014	2.381727	2.44181	2.749008	2.180013	2.442314	8.361482
METHYLENE CHLORIDE	2.118083	2.241557	1.989135	2.166296	1.739126	2.05084	9.604635
T-1,2-2CL-ETHENE	2.377897	2.47404	2.47909	2.699442	2.210829	2.448258	7.2503
1,1-DICHLOROETHANE	2.566372	2.444171	2.594664	2.839277	2.269506	2.542798	8.238978
2,2-DICHLOROPROPANE	0.235225	0.249739	0.331051	0.322436	0.250074	0.277705	16.30075
CIS-1,2-DICHLOROETHENE	1.944943	2.043771	2.106578	2.238969	1.856005	2.038053	7.232374
CHLOROFORM	3.784723	3.312924	3.526521	3.866865	3.223281	3.542863	7.967785
BROMOCHLOROMETHANE	1.506055	1.338636	1.286142	1.446119	1.374504	1.390291	6.258346
1,1,1-TRICHLOROETHANE	3.033024	2.920083	3.303528	3.293741	2.616771	3.033429	9.42802
1,1-DICHLOROPROPENE	1.283953	1.678177	1.513104	1.656925	1.359758	1.498383	11.69712
CARBON 4CHLORIDE	3.574007	3.585607	4.036803	4.173411	3.423401	3.758646	8.68068
1,2-DICHLOROETHANE	1.004877	1.212066	0.975653	1.166797	0.906701	1.053219	12.37533
TRICHLOROETHENE	2.422794	2.611825	2.526626	2.789614	2.323767	2.534925	7.05711
1,2-2CL-PROPANE	2.251963	2.08593	1.853763	2.30907	1.977228	2.095591	9.010257
BR-2CL-METHANE	1.159457	1.603346	1.46561	1.71891	1.682764	1.526017	14.86294
DIBROMOMETHANE	0	1.162884	0.882786	1.36394	1.071687	1.120324	17.84827
CIS-1,3-2CLPROPENE	1.818322	1.616391	1.642115	1.763718	1.658048	1.699719	5.108743
TRANS-1,3-2CLPROPENE	0.974275	0.944254	0.838055	1.075286	0.98122	0.962618	8.849792
1,1,2-3CL-ETHANE	2.701335	1.986658	1.768972	2.105827	1.826436	2.077846	17.95017
TETRACHLOROETHENE	4.290943	4.046494	3.598081	4.197853	3.682454	3.963165	7.792937
1,3-DICHLOROPROPANE	0	0	0	0	0	0	ERR
2BR-CL-METHANE	1.127089	0.952033	0.870576	1.099168	1.083255	1.026424	10.7254
1,2-DIBROMOETHANE	0.557329	0.540908	0.490489	0.705667	0.59571	0.578021	13.96778
CHLOROBENZENE	0.481823	0.693645	0.526961	0.506362	0.474256	0.53661	16.81276
1,1,1,2-4CL-ETHANE	3.25387	2.953753	2.88147	3.049395	2.686588	2.965015	7.058164
BROMOFORM	0.437382	0.42394	0.37441	0.494251	0.480063	0.442009	10.78789
1,1,2,2-4CL-ETHANE	0.987201	0.800544	0.797406	0.901186	0.873783	0.872024	9.028931
1,2,3-3CL-PROPANE	0.698577	0.548261	0.541958	0.636782	0.601664	0.605448	10.75824
BROMOBENZENE	0.831454	0.736828	0.672874	0.808518	0.74566	0.759067	8.276852
2-CHLOROTOLUENE	0.41822	0.595361	0.424552	0.431453	0.398024	0.453522	17.69845
4-CHLOROTOLUENE	1.060283	0.986258	0.846404	0.970211	0.856201	0.943871	9.656268
1,3-DICHLOROBENZENE	0.927935	1.129241	0.934386	0.953239	0.839004	0.956761	11.08104
1,4-DICHLOROBENZENE	1.100631	1.28126	0.999377	1.042406	0.907984	1.066331	13.05356
1,2-DICHLOROBENZENE	0.749741	0.822876	0.668053	0.681703	0.616056	0.707686	11.32194
1,2-2BR-3-CL-PROPANE	0.100022	0.087359	0.07279	0.089872	0.109253	0.091859	14.97617
1,2,4-3CL-BENZENE	0.881409	0.937501	0.861066	0.820193	0.769561	0.853946	7.417022
6CL-BUTADIENE	3.095379	2.652711	2.989481	2.876915	2.694831	2.859863	6.497049
1,2,3-3CL-BENZENE	0.714131	0.78177	0.770374	0.729684	0.648998	0.728991	7.232146

INITIAL CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: JANUARY 19, 1993

TRACOR 9000

COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	ZRSD
VINYL CHLORIDE	0.164355	0.218416	0.186558	0.188792	0.179719	0.187568	10.51049
1,1-DICHLOROETHENE	0.522789	0.607938	0.600778	0.604507	0.56795	0.580792	6.224719
T-1,2-2CL-ETHENE	1.302377	1.465421	1.461677	1.448939	1.350462	1.405775	5.310931
CIS-1,2-DICHLOROETHENE	0.460694	0.501437	0.60981	0.587417	0.552213	0.542314	11.29965
1,1-DICHLOROPROPENE	0.515182	0.60207	0.583906	0.616149	0.577711	0.579004	6.694971
BENZENE	1.62784	1.764734	1.730813	1.751113	1.631137	1.701127	3.909867
TRICHLOROETHENE	0.906168	1.00127	0.978787	0.959538	0.883566	0.945866	5.232395
CIS-1,3-2CLPROPENE	0.264695	0.27671	0.260355	0.277954	0.271462	0.270235	2.814067
TOLUENE	1.680005	1.823717	1.776546	1.754901	1.644553	1.735944	4.193101
TRANS-1,3-2CLPROPENE	0.246005	0.254019	0.235114	0.254312	0.253682	0.248627	3.343561
TETRACHLOROETHENE	0.724466	0.82761	0.811742	0.79664	0.736344	0.77936	5.928375
CHLOROBENZENE	1.697571	1.749934	1.697003	1.69737	1.604709	1.689317	3.107771
ETHYLBENZENE	1.511103	1.6047	1.552051	1.469856	1.346559	1.496854	6.528459
M,P-XYLENE	3.898796	4.072906	4.00033	3.850207	3.570659	3.87858	4.969681
O-XYLENE	1.430956	1.530135	1.467076	1.46772	1.392286	1.457635	3.503081
STYRENE	1.835098	1.853116	1.809885	1.807126	1.725008	1.806047	2.718565
ISOPROPYLBENZENE	1.177101	1.303832	1.281158	1.254957	1.178086	1.239027	4.736617
N-PROPYLBEN;BROMOBENZENE	3.134213	3.217568	3.146123	3.099359	2.937098	3.106872	3.353506
135-TMB;2-CLTOLUENE	3.852085	3.978679	3.915254	3.807252	3.564005	3.823455	4.154301
4-CL-TOLUENE	1.732577	1.813211	1.762136	1.714664	1.610522	1.726622	4.335691
TERT-BUTYL-BENZENE	1.0233	1.148651	1.138634	1.162324	1.160876	1.126757	5.204002
124-3METHYL-BENZENE	1.711091	1.853397	1.798281	1.718593	1.570233	1.730319	6.190969
SEC-BUTYL-BENZENE	1.193106	1.305042	1.281166	1.26423	1.184048	1.245518	4.340312
P-ISOPROPYLTOLUENE	1.165895	1.307906	1.286613	1.2635	1.206235	1.24603	4.711514
1,3-2CL-BENZENE	1.456144	1.484367	1.433233	1.438107	1.371782	1.436727	2.886321
1,4-2CL-BENZENE	1.328152	1.342429	1.283579	1.297989	1.259363	1.302303	2.573025
N-BUTYL-BENZENE	1.263349	1.414815	1.409279	1.388932	1.312707	1.357796	4.915478
1,2-2CL-BENZENE	1.010406	0.997024	0.94216	0.969085	0.952654	0.974266	2.969832
124-TRICHLOROBENZENE	0.706583	0.838041	0.628766	0.6448	0.643529	0.652344	4.747791
6CL-BUTADIENE	0.691503	0.729511	0.732699	0.725166	0.684652	0.712706	3.194975
NAPHTHALENE	0.711891	0.532301	0.496212	0.529843	0.553759	0.564801	15.00783
1,2,3-3CL-BENZENE	0.655713	0.556123	0.530882	0.551128	0.564146	0.571598	8.502152

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COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	%RSD
2CL-2FL-METHANE	0.220495	0.259864	0.29409	0.362015	0.283218	0.283936	18.30395
CHLOROMETHANE	0.253962	0.336642	0.354158	0.392782	0.295592	0.326627	16.4004
VINYL CHLORIDE	1.097361	1.187438	0.974871	1.18491	1.022889	1.093494	8.706233
BROMOMETHANE	0.264474	0.314321	0.303858	0.347635	0.125079	0.271074	32.03561
CHLOROETHANE	1.264355	1.278529	1.037505	1.103515	0.750757	1.086932	19.72793
3CL-FL-METHANE	2.097894	2.03466	1.682952	1.924322	1.594623	1.86689	11.75904
1,1-DICHLOROETHENE	1.996551	1.802613	1.584094	1.875902	1.489015	1.749635	11.95629
METHYLENE CHLORIDE	3.240408	2.759339	2.205102	2.428196	1.931809	2.512971	20.1889
1,1,2-2CL-ETHENE	2.015666	2.020534	1.764207	2.054932	1.640083	1.899084	9.777167
1,1-DICHLOROETHANE	1.928115	2.052676	1.77205	2.095582	1.678193	1.905323	9.380668
2,2-DICHLOROPROPANE	1.362907	1.48509	1.246334	1.468958	1.200007	1.352659	9.480151
CIS-1,2-DICHLOROETHENE	2.358261	2.412285	2.015311	2.351555	1.848491	2.197181	11.39434
CHLOROFORM	2.999459	2.879962	2.487474	2.735631	2.203319	2.661169	11.99616
BROMOCHLOROMETHANE	1.307449	1.374854	1.175088	1.350688	1.123551	1.266326	8.766513
1,1,1-TRICHLOROETHANE	2.566987	2.550737	2.035877	2.372223	1.970302	2.299225	12.2598
1,1-DICHLOROPROPENE	1.621909	1.575273	1.347864	1.480461	1.309929	1.467087	9.318922
CARBON 4CHLORIDE	3.525036	3.29291	2.766695	3.285	2.506572	3.075243	13.72195
1,2-DICHLOROETHANE	1.877189	2.106427	1.809175	2.04193	1.65703	1.89835	9.51648
TRICHLOROETHENE	2.253843	2.39724	1.972391	2.287778	1.899179	2.162086	9.936541
1,2-2CL-PROPANE	1.828301	1.804313	1.617319	1.981923	1.556211	1.757613	9.761239
BR-2CL-METHANE	1.266448	1.42432	1.328488	1.617985	1.259075	1.379263	10.80073
DIBROMOMETHANE	1.311113	1.143595	1.215988	1.515798	1.229207	1.28314	11.14502
CIS-1,3-2CLPROPENE	1.763166	1.827278	1.561234	2.003939	1.530515	1.737226	11.28076
TRANS-1,3-2CLPROPENE	1.067174	1.127065	0.995948	1.311178	1.059472	1.112167	10.83977
1,1,2-3CL-ETHANE	3.11782	2.736467	2.192824	2.428817	2.092074	2.513601	16.67259
TETRACHLOROETHENE	2.181686	2.105127	1.880887	2.211613	1.825805	2.041024	8.659755
1,3-DICHLOROPROPANE	2.402412	2.35785	1.927266	1.97709	1.750617	2.083047	13.65269
2BR-CL-METHANE	1.118661	1.276347	1.043051	1.249622	1.089967	1.15553	8.842324
1,2-DIBROMOETHANE	0.556378	0.79198	0.681647	0.845598	0.808849	0.73689	16.00905
CHLOROBENZENE	0.686851	0.697748	0.646933	0.793752	0.629856	0.691028	9.23812
1,1,1,2-4CL-ETHANE	3.068265	2.928527	2.449363	2.922098	2.323237	2.738298	12.03754
BROMOFORM	0	0.570759	0.539913	0.74589	0.631954	0.622129	14.61793
1,1,2,2-4CL-ETHANE	1.123291	1.334244	1.181956	1.524136	1.337109	1.300148	12.03575
1,2,3-3CL-PROPANE	0.660291	0.815422	0.769813	1.086005	0.921016	0.85051	18.99102
BROMOBENZENE	0.774872	0.867915	0.739763	0.826107	0.7072	0.783172	8.262621
2-CHLOROTOLUENE	0.706384	0.725702	0.663315	0.759212	0.614497	0.693822	8.112671
4-CHLOROTOLUENE	1.155448	1.187472	1.0032	1.192102	0.964222	1.100489	9.85133
1,3-DICHLOROBENZENE	1.225311	1.254306	1.114866	1.352015	1.050033	1.199306	9.903982
1,4-DICHLOROBENZENE	1.515021	1.589354	1.293752	1.500638	1.324285	1.44461	8.910956
1,2-DICHLOROBENZENE	1.312134	1.346777	1.1165	1.432734	1.181004	1.27783	10.00113
1,2-2BR-3-CL-PROPANE	0.135548	0.184892	0.185466	0.299798	0.197924	0.200726	30.0519
1,2,4-3CL-BENZENE	1.292222	1.472522	1.199305	1.534861	1.196332	1.339048	11.70395
6CL-BUTADIENE	2.441134	2.40135	2.053455	2.282066	1.921734	2.219948	10.13138
1,2,3-3CL-BENZENE	1.208019	1.442399	1.202939	1.485093	1.239439	1.315578	10.39958

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COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	%RSD
VINYL CHLORIDE	0.140996	0.158906	0.145053	0.160793	0.154124	0.151974	5.687728
1,1-DICHLOROETHENE	0.411258	0.448841	0.426028	0.477016	0.450929	0.442814	5.701346
7-1,2-2CL-ETHENE	1.052349	1.164382	1.098219	1.232339	1.165248	1.142507	6.056957
CIS-1,2-DICHLOROETHENE	0.49137	0.606385	0.516325	0.436049	0.420787	0.494183	14.9571
1,1-DICHLOROPROPENE	0.448197	0.494937	0.453811	0.414448	0.428643	0.448007	6.82283
BENZENE	1.346865	1.49776	1.38349	1.397549	1.363096	1.397752	4.231901
TRICHLOROETHENE	0.739876	0.808414	0.757026	0.822012	0.783512	0.782168	4.38195
CIS-1,3-2CLPROPENE	0.272052	0.308328	0.303676	0.349114	0.336685	0.313971	9.615887
TOLUENE	1.389511	1.473594	1.379721	1.511715	1.429564	1.436821	3.892608
TRANS-1,3-2CLPROPENE	0.292038	0.343337	0.336768	0.394755	0.382036	0.349786	11.62002
TETRACHLOROETHENE	0.579105	0.627277	0.58858	0.652846	0.658242	0.62121	5.830028
CHLOROBENZENE	1.37185	1.487906	1.416929	1.580512	1.503756	1.47219	5.486775
ETHYLBENZENE	1.253258	1.324334	1.241262	1.356909	1.28981	1.293114	3.735377
M,P-XYLENE	3.119301	3.251872	3.04677	3.354268	3.155009	3.185444	3.762087
O-XYLENE	1.161871	1.239597	1.182944	1.318401	1.267369	1.234036	5.137524
STYRENE	1.536996	1.647229	1.595431	1.779237	1.702153	1.652209	5.673968
ISOPROPYLBENZENE	0.945632	1.010422	0.954618	1.067387	1.011351	0.997882	4.953036
N-PROPYLBEN;BROMOBENZENE	2.653385	2.853427	2.704236	3.03267	2.888643	2.826472	5.365905
135-TMB;2-CLTOLUENE	3.085894	3.27494	3.066028	3.373839	3.221384	3.204417	4.043819
4-CL-TOLUENE	1.41534	1.466837	1.420669	1.639538	1.518832	1.492243	6.186049
TERT-BUTYL-BENZENE	0.864247	0.969887	0.842561	1.053798	0.930733	0.932245	9.111673
124-3METHYL-BENZENE	1.37252	1.417474	1.43473	1.523485	1.470319	1.443706	3.93496
SEC-BUTYL-BENZENE	0.893488	0.978774	0.918496	1.046959	0.991625	0.965868	6.316567
P-ISOPROPYLTOLUENE	0.952539	1.020354	0.970721	1.111278	1.044046	1.019788	6.180319
1,3-2CL-BENZENE	1.202615	1.342451	1.294886	1.478441	1.403001	1.344279	7.798421
1,4-2CL-BENZENE	1.104423	1.274945	1.231832	1.415509	1.343874	1.274117	9.240212
N-BUTYL-BENZENE	1.036884	1.110271	1.058273	1.212393	1.138818	1.111328	6.25487
1,2-2CL-BENZENE	0.94083	1.061927	1.020923	1.189927	1.132379	1.069197	9.047244
124-TRICHLOROBENZENE	0.636009	0.761958	0.73484	0.885613	0.834913	0.770667	12.4514
6CL-BUTADIENE	0.573293	0.618683	0.592133	0.674678	0.631303	0.618018	6.29683
NAPHTHALENE	0.689838	0.922082	0.898477	1.169226	1.122381	0.960401	20.05233
1,2,3-3CL-BENZENE	0.629396	0.784216	0.751868	0.924826	0.863126	0.790686	14.25327

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COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	WRED
2CL-2FL-METHANE	0.135413	0.349363	0.413634	0.393713	0.415467	0.341719	34.47781
CHLOROMETHANE	0.353789	0.49928	0.492269	0.399759	0.408527	0.430131	14.95688
VINYL CHLORIDE	1.210333	1.405049	1.396669	1.220265	1.254443	1.317352	8.508024
BROMOMETHANE	0.147098	0.228613	0.258394	0.218933	0.174399	0.20951	18.31595
CHLOROETHANE	1.168577	1.492944	1.326903	1.093293	0.931035	1.20285	17.96085
2CL-FL-METHANE	1.707531	2.342178	2.164005	1.830357	1.770477	1.962928	14.04579
1,1-DICHLOROETHENE	1.977559	2.144676	2.152218	1.87796	1.757154	1.986319	9.593312
METHYLENE CHLORIDE	2.795305	2.727102	2.462012	2.160037	2.056331	2.444167	13.31757
1,1,2-2CL-ETHENE	2.192826	2.402278	2.235126	1.974717	1.900067	2.141003	9.500902
1,1-DICHLOROETHANE	2.176336	2.345595	2.113444	1.867954	1.929805	2.082708	8.802198
2,2-DICHLOROPROPANE	1.419864	1.593541	1.410207	1.47122	1.353687	1.467904	9.047414
CIS-1,2-DICHLOROETHENE	2.448567	2.687127	2.192479	2.147613	2.042877	2.303757	11.33554
CHLOROFORM	3.284092	3.213098	2.669532	2.75345	2.603875	2.904809	10.99095
BROMOCHLOROMETHANE	1.461833	1.47909	1.287424	1.28837	1.242161	1.351896	9.13861
1,1,1-TRICHLOROETHANE	2.647466	2.851608	2.490866	2.359167	2.280257	2.525877	9.876117
1,1-DICHLOROPROPENE	1.570617	1.761508	1.682714	1.608366	1.477223	1.620126	6.683339
CARBON TETRACHLORIDE	3.473933	3.533271	3.159991	2.999098	2.777973	3.183657	9.985091
1,2-DICHLOROETHANE	2.449751	2.323016	2.198216	2.140729	1.901275	2.200997	9.376047
TRICHLOROETHENE	2.359321	2.673126	2.366479	2.250547	2.108609	2.351616	8.841405
1,2-2CL-PROPANE	1.952229	2.153063	1.953512	1.855924	1.760345	1.941803	7.551521
2CL-2CL-METHANE	1.563373	1.784185	1.569199	1.508523	1.509325	1.586921	7.181302
DIBROMOMETHANE	1.37782	1.390454	1.372906	1.421	1.185532	1.349542	6.933806
CIS-1,3-2CLPROPENE	1.945541	2.009105	1.904356	1.843013	1.712159	1.552847	5.999813
TRANS-1,3-2CLPROPENE	1.268202	1.349597	1.320804	1.200193	1.217225	1.271204	5.063236
1,1,2-3CL-ETHANE	3.792196	3.10888	2.987446	2.521785	2.370082	2.956079	15.95174
TETRACHLOROETHENE	2.391134	2.390321	2.289561	2.158357	2.068835	2.259602	6.336615
1,3-DICHLOROPROPANE	2.726117	2.665069	2.642482	2.275774	2.146976	2.491284	10.49032
2BR-CL-METHANE	1.388819	1.202615	1.347385	1.243971	1.244326	1.285423	6.124928
1,2-DIBROMOETHANE	0.809949	0.633613	0.899839	0.892731	0.919413	0.831109	14.20748
CHLOROBENZENE	0.721407	0.836179	0.736962	0.731933	0.751366	0.763569	5.630928
1,1,1,2-4CL-ETHANE	3.439232	3.500647	3.126919	2.661109	2.655545	3.11689	11.67413
BROMOFORM	0.580661	0.651969	0.681825	0.621637	0.642561	0.635731	5.920321
1,1,2,2-4CL-ETHANE	1.663163	1.760857	1.837619	1.438814	1.474201	1.674931	13.49638
1,2,3-3CL-PROPANE	1.118343	1.218397	1.180607	1.066051	1.050559	1.126832	6.411951
BROMOBENZENE	0.882338	0.962376	0.919702	0.716978	0.694516	0.839182	15.15683
2-CHLOROTOLUENE	0.793767	0.923391	0.843665	0.749248	0.76254	0.814522	8.701937
4-CHLOROTOLUENE	1.09049	1.495252	1.27578	1.033145	0.94558	1.168049	18.77514
1,3-DICHLOROBENZENE	1.320502	1.529372	1.398619	1.236336	1.267548	1.350475	8.692767
1,4-DICHLOROBENZENE	1.547619	1.983	1.76298	1.392666	1.530034	1.64326	14.09284
1,2-DICHLOROBENZENE	1.473616	1.704667	1.50313	1.277201	1.314906	1.454704	11.71828
1,2-2BR-3-CL-PROPANE	0.219835	0.221455	0.306983	0.256064	0.23174	0.247216	14.72861
1,2,4-3CL-BENZENE	1.516238	1.65362	1.44917	1.328984	1.344985	1.456199	9.179834
6CL-BUTADIENE	2.598743	2.757334	2.379687	2.258242	2.224944	2.44379	9.348045
1,2,3-3CL-BENZENE	1.641332	1.710269	1.467577	1.383265	1.386364	1.521761	9.775331

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COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	%RSD
VINYL CHLORIDE	0.175755	0.167254	0.152536	0.160767	0.155079	0.162278	5.908598
1,1-DICHLOROETHENE	0.36609	0.478249	0.436269	0.447202	0.453659	0.436294	9.662824
7-1,2-DCL-ETHENE	0.485831	0.562976	0.506359	1.252259	0.519488	0.665382	49.48859
C18-1,2-DICHLOROETHENE	0.620402	0.723239	0.647947	0.632145	0.63495	0.652737	6.63799
1,1-DICHLOROPROPENE	0.467077	0.574781	0.519269	0.506057	0.506946	0.514826	7.543768
BENZENE	1.540813	1.797121	1.590673	1.534982	1.516707	1.595859	7.259998
TRICHLOROETHENE	0.796412	0.835646	0.833585	0.817032	0.803205	0.837176	6.791499
C18-1,3-DCLPROPENE	0.297213	0.359718	0.326485	0.314215	0.318991	0.323324	7.116974
TOLUENE	1.475476	1.713145	1.520854	1.457369	1.446998	1.522769	7.231287
TRANS-1,3-DCLPROPENE	0.33682	0.407221	0.372121	0.358059	0.362659	0.367376	7.010013
TETRACHLOROETHENE	0.669785	0.745043	0.669786	0.678513	0.666731	0.686332	4.815113
CHLOROBENZENE	1.57204	1.772345	1.573145	1.546055	1.539919	1.600701	6.066871
ETHYLBENZENE	1.416791	1.529064	1.313971	1.278212	1.221259	1.351659	9.998931
M,P-XYLENE	3.466533	3.946552	3.381653	3.265329	3.187192	3.449852	8.655711
O-XYLENE	1.315866	1.459566	1.311907	1.314157	1.302929	1.340385	4.961795
STYRENE	1.740668	1.998935	1.744254	1.714593	1.683899	1.77647	7.131952
ISOPROPYLBENZENE	1.053946	1.182014	1.058135	1.046273	1.023234	1.07272	5.832582
N-PROPYLBENZENE;BROMOBENZENE	3.08619	3.445838	3.023996	2.967524	2.914675	3.087645	6.80715
135-TM9,2-CLTOLUENE	3.531399	3.954154	3.389645	3.28899	3.238436	3.480565	8.257688
4-CL-TOLUENE	1.601611	1.763265	1.557755	1.563978	1.507799	1.598882	6.114844
TERT-BUTYL-BENZENE	0.912448	1.09063	0.968228	0.956428	1.03264	0.992075	7.044868
124-3METHYL-BENZENE	1.56822	1.768241	1.569734	1.548003	1.449709	1.576762	7.357812
SEC-BUTYL-BENZENE	0.982454	1.113539	1.006235	1.016123	1.013572	1.026405	4.919519
P-ISOPROPYLTOLUENE	1.03596	1.177393	1.055074	1.071744	1.064947	1.081024	5.137064
1,3-DCL-BENZENE	1.373872	1.582195	1.404136	1.37746	1.362372	1.420007	6.475135
1,4-DCL-BENZENE	1.299776	1.500288	1.344371	1.335245	1.33012	1.36196	5.809098
N-BUTYL-BENZENE	1.120664	1.303382	1.156989	1.161915	1.157629	1.190116	6.006926
1,2-DCL-BENZENE	1.145935	1.280252	1.141872	1.136736	1.130967	1.167153	5.4383
124-TRICHLOROBENZENE	0.820082	0.906816	0.789773	0.792194	0.792914	0.820356	6.081782
6CL-BUTADIENE	0.664395	0.721186	0.626674	0.642422	0.627981	0.656332	5.971297
NAPHTHALENE	1.045336	1.169829	1.054384	0.98897	1.017497	1.055203	6.53932
1,2,3-3CL-BENZENE	0.974348	0.932592	0.810319	0.807586	0.802793	0.845528	6.720666

DAILY CALIBRATION(HECD)
LABORATORY RESOURCES, INC.

DATE: JANUARY 26, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
ZCL-2FL-METHANE	0.43986	0.528463	20.1434
CHLOROMETHANE	0.122733	0.520355	323.9726
VINYL CHLORIDE	1.522031	1.503948	1.188059
BROMOMETHANE	0.472458	0.355712	24.71025
CHLOROETHANE	0.86675	1.66693	92.31951
3CL-FL-METHANE	3.603489	3.862271	7.181469
1,1-DICHLOROETHENE	2.442314	2.771611	13.48297
METHYLENE CHLORIDE	2.05084	2.401007	17.07433
T-1,2-2CL-ETHENE	2.449258	2.576388	5.233527
1,1-DICHLOROETHANE	2.542798	2.608614	2.588335
2,2-DICHLOROPROPANE	0.277705	0.563691	102.982
CIS-1,2-DICHLOROETHENE	2.038053	2.542968	24.77437
CHLOROFORM	3.542863	3.3544	5.31951
BROMOCHLOROMETHANE	1.390291	1.214592	12.6376
1,1,1-TRICHLOROETHANE	3.033429	3.261643	7.523295
1,1-DICHLOROPROPENE	1.498383	2.444302	63.12924
CARBON 4CHLORIDE	3.758646	4.232924	12.61833
1,2-DICHLOROETHANE	1.053219	1.517652	44.09653
TRICHLOROETHENE	2.534925	3.369409	32.91945
1,2-2CL-PROPANE	2.095591	2.181405	4.094976
BR-2CL-METHANE	1.526017	1.527366	0.0884
DIBROMOMETHANE	1.120324	1.049295	6.340042
CIS-1,3-2CLPROPENE	1.699719	1.657039	2.510994
TRANS-1,3-2CLPROPENE	0.962618	0.818372	14.98481
1,1,2-3CL-ETHANE	2.077846	1.940399	6.61486
TETRACHLOROETHENE	3.963165	4.866391	22.79052
1,3-DICHLOROPROPANE	0	0	ERR
2BR-CL-METHANE	1.026424	0.867153	15.5171
1,2-DIBROMOETHANE	0.578021	0.389709	32.57863
CHLOROBENZENE	0.53661	0.868707	61.88805
1,1,1,2-4CL-ETHANE	2.965015	3.056779	3.094869
BROMOFORM	0.442009	0.334832	24.24763
1,1,2,2-4CL-ETHANE	0.872024	0.676676	22.40174
1,2,3-3CL-PROPANE	0.605448	0.425073	29.79198
BROMOBENZENE	0.759067	0.645946	14.90263
2-CHLOROTOLUENE	0.453522	0.941985	107.7043
4-CHLOROTOLUENE	0.943871	1.144711	21.27834
1,3-DICHLOROBENZENE	0.956761	1.399602	46.2854
1,4-DICHLOROBENZENE	1.066331	1.537683	44.20313
1,2-DICHLOROBENZENE	0.707686	1.124063	58.83647
1,2-2BR-3-CL-PROPANE	0.091859	0.224111	143.9719
1,2,4-3CL-BENZENE	0.853946	1.08146	26.64266
6CL-BUTADIENE	2.859863	2.969321	3.927384
1,2,3-3CL-BENZENE	0.728991	0.818587	12.2903

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: JANUARY 26, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
VINYL CHLORIDE	0.187568	0.18534	1.188006
1,1-DICHLOROETHENE	0.586792	0.594081	2.287999
T-1,2-DCL-ETHENE	1.405775	1.370903	2.480632
CIS-1,2-DICHLOROETHENE	0.542314	0.627557	15.71825
1,1-DICHLOROPROPENE	0.579004	0.650906	12.41827
BENZENE	1.701127	1.760957	3.517066
TRICHLOROETHENE	0.945866	1.001492	5.880954
CIS-1,3-2CLPROPENE	0.270235	0.231783	14.22912
TOLUENE	1.735944	1.736003	0.003395
TRANS-1,3-2CLPROPENE	0.248627	0.199632	19.7061
TETRACHLOROETHENE	0.77936	0.850117	9.078826
CHLOROBENZENE	1.689317	1.52813	9.541575
ETHYLBENZENE	1.496854	1.589669	6.200683
M,P-XYLENE	3.87858	3.928771	1.294063
O-XYLENE	1.457635	1.384424	5.022552
STYRENE	1.806047	1.656889	8.25882
ISOPROPYLBENZENE	1.239027	1.279494	3.266103
N-PROPYLBEN;BROMOBENZENE	3.106872	2.901321	6.616031
135-TMB,2CLTOLUENE	3.823455	3.807376	0.420538
4-CL-TOLUENE	1.726622	1.638798	5.086453
TERT-BUTYL-BENZENE	1.126757	1.169409	3.785409
124-3METHYL-BENZENE	1.730319	1.617151	6.540341
SEC-BUTYL-BENZENE	1.245518	1.285226	3.188046
P-ISOPROPYLTOLUENE	1.24603	1.270271	1.945463
1,3-2CL-BENZENE	1.436727	1.305349	9.14421
1,4-2CL-BENZENE	1.302303	1.156663	11.18324
N-BUTYL-BENZENE	1.357796	1.398909	3.027916
1,2-2CL-BENZENE	0.974266	0.825321	15.28793
124-TRICHLOROBENZENE	0.652344	0.480719	26.309
6CL-BUTADIENE	0.712706	0.706656	0.84889
NAPHTHALENE	0.564601	0.34362	39.16097
1,2,3-3CL-BENZENE	0.571593	0.381877	33.19147

DAILY CALIBRATION (HECD)
LABORATORY RESOURCES, INC.

DATE: MARCH 17, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
2CL-2FL-METHANE	0.283936	0.238041	16.16386
CHLOROMETHANE	0.326627	0.28986	11.25673
VINYL CHLORIDE	1.093494	1.261333	15.34885
BROMOMETHANE	0.271074	0.203644	24.87502
CHLOROETHANE	1.086932	1.213475	11.64218
3CL-FL-METHANE	1.86689	2.025948	8.519953
1,1-DICHLOROETHENE	1.749635	1.946719	11.26428
METHYLENE CHLORIDE	2.512971	4.019554	59.95226
1,1,2-2CL-ETHENE	1.899084	2.131239	12.22455
1,1-DICHLOROETHANE	1.905323	1.918667	0.70033
2,2-DICHLOROPROPANE	1.352659	1.490414	10.18396
CIS-1,2-DICHLOROETHENE	2.197181	2.33094	6.067749
CHLOROFORM	2.661169	2.744147	3.118092
BROMOCHLOROMETHANE	1.266326	1.257265	0.715564
1,1,1-TRICHLOROETHANE	2.299225	2.622652	14.06676
1,1-DICHLOROPROPENE	1.467087	1.543357	5.198723
CARBON TETRACHLORIDE	3.075243	3.088231	0.422352
1,2-DICHLOROETHANE	1.89835	2.070061	9.045241
TRICHLOROETHENE	2.162086	2.110238	2.378043
1,2-2CL-PROPANE	1.757613	1.760436	0.16057
BR-2CL-METHANE	1.379263	1.531017	11.00255
DIBROMOMETHANE	1.28314	1.323657	3.157658
CIS-1,3-2CLPROPENE	1.737226	1.870323	7.661461
TRANS-1,3-2CLPROPENE	1.112167	1.226216	10.25463
1,1,2-3CL-ETHANE	2.513601	2.746557	9.267849
TETRACHLOROETHENE	2.041024	2.256211	10.54313
1,3-DICHLOROPROPANE	2.083047	2.181636	4.732905
ZBR-CL-METHANE	1.15553	1.241911	7.475462
1,2-DIBROMOETHANE	0.73689	0.83951	13.92606
CHLOROBENZENE	0.691028	0.704113	1.893599
1,1,1,2-4CL-ETHANE	2.738298	3.004815	9.732944
BROMOFORM	0.622129	0.668486	7.451374
1,1,2,2-4CL-ETHANE	1.300148	1.495359	15.01456
1,2,3-3CL-PROPANE	0.85051	1.018848	19.79264
BROMOBENZENE	0.783172	0.751628	4.027723
2-CHLOROTOLUENE	0.693822	0.750934	8.231494
4-CHLOROTOLUENE	1.100489	1.019647	7.345968
1,3-DICHLOROBENZENE	1.199306	1.315079	9.653317
1,4-DICHLOROBENZENE	1.44461	1.57026	8.697837
1,2-DICHLOROBENZENE	1.27783	1.346445	5.369663
1,2-ZBR-3-CL-PROPANE	0.200726	0.224111	11.65036
1,2,4-3CL-BENZENE	1.339048	1.364655	1.912307
6CL-BUTADIENE	2.219948	2.43992	9.908892
1,2,3-3CL-BENZENE	1.315578	1.391574	5.776603

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: MARCH 17, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
VINYL CHLORIDE	0.151974	0.184692	21.52822
1,1-DICHLOROETHENE	0.442614	0.424429	4.151837
T-1,2-2CL-ETHENE	1.142507	1.227124	7.406212
CIS-1,2-DICHLOROETHENE	0.494183	0.022806	95.38511
1,1-DICHLOROPROPENE	0.448007	0.525048	17.19628
BENZENE	1.397752	1.535738	9.871989
TRICHLOROETHENE	0.782168	0.829611	6.06559
CIS-1,3-2CLPROPENE	0.313971	0.309181	1.525691
TOLUENE	1.436821	1.468262	2.188202
TRANS-1,3-2CLPROPENE	0.349786	0.356614	1.951844
TETRACHLOROETHENE	0.62121	0.725345	16.76326
CHLOROBENZENE	1.47219	1.512094	2.710503
ETHYLBENZENE	1.293114	1.466383	13.39936
M,P-XYLENE	3.185444	3.396794	6.634856
O-XYLENE	1.234036	1.298265	5.204749
STYRENE	1.652209	1.746785	5.724194
ISOPROPYLBENZENE	0.997882	1.064677	6.693668
N-PROPYLBEN;BROMOBENZENE	2.826472	2.977083	5.328584
135-TMS, 2CLTOLUENE	3.204417	3.393349	5.895991
4-CL-TOLUENE	1.492243	1.576726	5.661461
TERT-BUTYL-BENZENE	0.932245	0.93493	0.288024
124-3METHYL-BENZENE	1.443706	1.569649	8.723571
SEC-BUTYL-BENZENE	0.965868	1.005367	4.089414
P-ISOPROPYLTOLUENE	1.019788	1.061594	4.099548
1,3-2CL-BENZENE	1.344279	1.383068	2.885493
1,4-2CL-BENZENE	1.274117	1.330657	4.437619
N-BUTYL-BENZENE	1.111328	1.142224	2.7801
1,2-2CL-BENZENE	1.069197	1.108621	3.687221
124-TRICHLOROBENZENE	0.770667	0.764489	0.801639
6CL-BUTADIENE	0.618018	0.707316	14.44907
NAFTHALENE	0.960401	0.860834	10.36726
1,2,3-3CL-BENZENE	0.790686	0.776258	1.824786

DAILY CALIBRATION(NECD)
LABORATORY RESOURCES, INC.

DATE: MARCH 22, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
2CL-2FL-METHANE	0.283936	0.245906	13.39381
CHLOROMETHANE	0.326627	0.271187	16.9736
VINYL CHLORIDE	1.093494	1.150613	6.138085
BROMOMETHANE	0.271074	0.149613	44.80726
CHLOROETHANE	1.086932	1.15147	5.937639
3CL-FL-METHANE	1.86689	1.871271	0.234663
1,1-DICHLOROETHENE	1.749635	1.822406	4.1592
METHYLENE CHLORIDE	2.512971	2.668389	6.184652
T-1,2-2CL-ETHENE	1.899084	1.983946	4.468547
1,1-DICHLOROETHANE	1.905323	1.750973	8.101014
2,2-DICHLOROPROPANE	1.352659	1.393443	3.015041
CIS-1,2-DICHLOROETHENE	2.197181	2.130226	3.047284
CHLOROFORM	2.661169	2.677125	0.599599
BROMOCHLOROMETHANE	1.266326	1.170011	7.605859
1,1,1-TRICHLOROETHANE	2.299225	2.476109	7.693211
1,1-DICHLOROPROPENE	1.467087	1.579616	7.670234
CARBON 4CHLORIDE	3.075243	2.917419	5.132079
1,2-DICHLOROETHANE	1.89835	1.913337	0.789466
TRICHLOROETHENE	2.162086	2.208909	2.165629
1,2-2CL-PROPANE	1.757613	1.862695	5.978624
BR-2CL-METHANE	1.379263	1.557419	12.91673
DIBROMOMETHANE	1.28314	1.351463	5.326236
CIS-1,3-2CLPROPENE	1.737226	1.713284	1.378209
TRANS-1,3-2CLPROPENE	1.112167	1.189625	6.96454
1,1,2-3CL-ETHANE	2.513601	2.739414	8.983658
TETRACHLOROETHENE	2.041024	2.165898	6.118209
1,3-DICHLOROPROPANE	2.083047	2.058589	1.17413
2BR-CL-METHANE	1.15553	1.173875	1.587615
1,2-DIBROMOETHANE	0.73689	0.682603	7.367034
CHLOROBENZENE	0.691028	0.748059	8.253016
1,1,1,2-4CL-ETHANE	2.738298	2.835133	3.536324
BROMOFORM	0.622129	0.621932	0.031721
1,1,2,2-4CL-ETHANE	1.300148	1.375104	5.765228
1,2,3-3CL-PROPANE	0.85051	0.949831	11.67782
BROMOBENZENE	0.783172	0.751959	3.985464
2-CHLOROTOLUENE	0.693822	0.735626	6.025232
4-CHLOROTOLUENE	1.100489	1.041679	5.343985
1,3-DICHLOROBENZENE	1.199306	1.204677	0.447844
1,4-DICHLOROBENZENE	1.44461	1.449554	0.342215
1,2-DICHLOROBENZENE	1.27783	1.293053	1.191352
1,2-2BR-3-CL-PROPANE	0.200726	0.224111	11.65036
1,2,4-3CL-BENZENE	1.339048	1.282309	4.237285
6CL-BUTADIENE	2.219948	2.22231	0.106407
1,2,3-3CL-BENZENE	1.315578	1.363418	3.636447

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: MARCH 22, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
VINYL CHLORIDE	0.151974	0.137946	9.230934
1,1-DICHLOROETHENE	0.442814	0.383884	13.30815
T-1,2-2CL-ETHENE	1.142507	0.976191	14.55716
CIS-1,2-DICHLOROETHENE	0.494183	0.560429	13.40518
1,1-DICHLOROPROPENE	0.448007	0.466821	4.199479
BENZENE	1.397752	1.360874	2.638393
TRICHLOROETHENE	0.782168	0.745296	4.714158
CIS-1,3-2CLPROPENE	0.313971	0.278474	11.30573
TOLUENE	1.436821	1.278528	11.00993
TRANS-1,3-2CLPROPENE	0.349786	0.309298	11.57528
TETRACHLOROETHENE	0.62121	0.587434	5.437056
CHLOROBENZENE	1.47219	1.366382	7.18718
ETHYLBENZENE	1.293114	1.325265	2.486268
M,P-XYLENE	3.185444	3.093368	2.890532
O-XYLENE	1.234036	1.15188	6.657552
STYRENE	1.652209	1.540275	6.774836
ISOPROPYLBENZENE	0.997882	0.92965	6.837671
N-PROPYLBEN;BROMOBENZENE	2.826472	2.652567	6.152724
135-TMS,2CLTOLUENE	3.204417	3.056826	4.605853
4-CL-TOLUENE	1.492243	1.40117	6.103087
TERT-BUTYL-BENZENE	0.932245	0.84136	9.749009
124-3METHYL-BENZENE	1.443706	1.359036	5.864738
SEC-BUTYL-BENZENE	0.965868	0.87403	9.508379
P-ISOPROPYLTOLUENE	1.019788	0.916391	10.13907
1,3-2CL-BENZENE	1.344279	1.219889	9.253256
1,4-2CL-BENZENE	1.274117	1.147223	9.959326
N-BUTYL-BENZENE	1.111326	0.988227	11.07686
1,2-2CL-BENZENE	1.069197	0.963302	9.904209
124-TRICHLOROBENZENE	0.770667	0.660268	14.32504
6CL-BUTADIENE	0.618018	0.597362	3.342288
NAPHTHALENE	0.960401	0.709778	26.09564
1,2,3-3CL-BENZENE	0.790686	0.67607	14.49578

DAILY CALIBRATION(HECD).
LABORATORY RESOURCES, INC.

DATE: MARCH 24, 1993

TRACER 9000

COMPOUND	RF	RF	DIFF
2CL-2FL-METHANE	0.341719	0.196084	42.61829
CHLOROMETHANE	0.430131	0.386078	10.2416
VINYL CHLORIDE	1.317352	1.231221	6.538144
BROMOMETHANE	0.20951	0.120534	42.4687
CHLOROETHANE	1.20255	1.263221	5.045143
3CL-FL-METHANE	1.962928	1.997766	1.774787
1,1-DICHLOROETHENE	1.986319	1.9145	3.615679
METHYLENE CHLORIDE	2.444167	2.402748	1.694604
T-1,2-2CL-ETHENE	2.141003	2.032323	5.076123
1,1-DICHLOROETHANE	2.082708	2.114822	1.541913
2,2-DICHLOROPROPANE	1.467904	1.504849	2.516889
CIS-1,2-DICHLOROETHENE	2.303757	2.41979	5.03669
CHLOROFORM	2.904809	2.845914	2.027527
BROMOCHLOROMETHANE	1.351896	1.286196	4.859818
1,1,1-TRICHLOROETHANE	2.525877	2.592638	2.643074
1,1-DICHLOROPROPENE	1.620126	1.66785	2.945719
CARBON TETRACHLORIDE	3.188857	3.366712	5.577376
1,2-DICHLOROETHANE	2.200997	2.278097	3.502934
TRICHLOROETHENE	2.351616	2.424971	3.119356
1,2-2CL-PROPANE	1.941803	2.002758	3.139105
BR-2CL-METHANE	1.586921	1.512308	4.701752
DIBROMOMETHANE	1.349542	1.411263	4.573434
CIS-1,3-2CLPROPENE	1.882847	1.971279	4.696733
TRANS-1,3-2CLPROPENE	1.271204	1.223946	3.717582
1,1,2-3CL-ETHANE	2.956079	3.029668	2.489434
TETRACHLOROETHENE	2.259602	2.3341	3.296986
1,3-DICHLOROPROPANE	2.491284	2.540549	1.977508
2BR-CL-METHANE	1.285423	1.287799	0.184837
1,2-DIBROMOETHANE	0.831109	0.892382	7.372404
CHLOROBENZENE	0.763569	0.766382	0.36843
1,1,1,2-4CL-ETHANE	3.11669	3.149566	1.054815
BROMOFORM	0.635731	0.548546	13.71404
1,1,2,2-4CL-ETHANE	1.674931	1.593983	4.832907
1,2,3-3CL-PROPANE	1.126832	1.110993	1.405605
BROMOBENZENE	0.839182	0.730786	12.91685
2-CHLOROTOLUENE	0.814522	0.821441	0.849433
4-CHLOROTOLUENE	1.168049	1.253907	7.350503
1,3-DICHLOROBENZENE	1.350475	1.251091	7.359188
1,4-DICHLOROBENZENE	1.64326	1.670843	1.678521
1,2-DICHLOROBENZENE	1.454704	1.346986	7.404797
1,2-2BR-3-CL-PROPANE	0.247216	0.224111	9.345897
1,2,4-3CL-BENZENE	1.458199	1.395594	4.293366
6CL-BUTADIENE	2.44379	2.676094	9.505902
1,2,3-3CL-BENZENE	1.521761	1.585627	4.19682

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: MARCH 24, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
VINYL CHLORIDE	0.162278	0.135678	16.39148
1,1-DICHLOROETHENE	0.436294	0.467155	7.07353
T-1,2-2CL-ETHENE	0.665382	1.14478	72.04849
CIS-1,2-DICHLOROETHENE	0.652737	0.62078	4.895799
1,1-DICHLOROPROPENE	0.514826	0.469956	8.7156
BENZENE	1.595859	1.44861	9.226971
TRICHLOROETHENE	0.837176	0.773905	7.557605
CIS-1,3-2CLPROPENE	0.323324	0.306473	5.212046
TOLUENE	1.522769	1.437595	5.593312
TRANS-1,3-2CLPROPENE	0.367376	0.342605	6.74259
TETRACHLOROETHENE	0.686332	0.654218	4.679015
CHLOROBENZENE	1.600701	1.480399	7.51555
ETHYLBENZENE	1.351659	1.285985	4.858786
M,P-XYLENE	3.449852	3.173289	8.016645
O-XYLENE	1.340885	1.243688	7.248753
STYRENE	1.77647	1.658024	6.667486
ISOPROPYLBENZENE	1.07272	1.012274	5.634846
N-PROPYLBEN;BROMDBENZENE	3.087645	2.81962	8.680567
135-TMB,2CLTOLUENE	3.480565	3.183185	8.544004
4-CL-TOLUENE	1.598882	1.501091	6.11616
TERT-BUTYL-BENZENE	0.992075	0.9095	8.323476
124-3METHYL-BENZENE	1.578782	1.480067	6.252597
SEC-BUTYL-BENZENE	1.026405	0.970188	5.477066
P-ISOPROPYLTOLUENE	1.081024	1.006484	6.895281
1,3-2CL-BENZENE	1.420007	1.296837	8.673927
1,4-2CL-BENZENE	1.36196	1.244883	8.596201
N-BUTYL-BENZENE	1.180116	1.099565	6.825726
1,2-2CL-BENZENE	1.167153	1.069903	8.33218
124-TRICHLOROBENZENE	0.820356	0.743673	9.34751
6CL-BUTADIENE	0.656532	0.627695	4.392315
NAPHTHALENE	1.055203	0.883933	16.23098
1,2,3-3CL-BENZENE	0.845528	0.766818	9.308924

LABORATORY RESOURCES, INC.
SPIKE / SPIKE DUPLICATE RECOVERY
(FOR REGULATED COMPOUNDS)

TRACOR 9000

DATE: JANUARY 26, 1993
SAMPLE ID. #: T301191-01

COMPOUND	SPIKE AMOUNT (UG/KG)	SAMPLE CONC. (UG/KG)	SPIKE (UG/KG)	% RECOVERY	SPIKE DUP. (UG/KG)	% RECOVERY	RPD	CONTROL LIMITS FOR % RECOVERY
BENZENE	10.00	0.00	5.73	57.29%	6.05	60.45%	5.37	11.5-131.5
CARBON TETRACHLORIDE	10.00	0.00	6.22	62.16%	6.68	66.83%	7.25	51.0-85.0
CHLOROBENZENE	10.00	0.00	7.81	78.13%	8.06	80.61%	3.13	60.0-109.2
1,2-DICHLOROBENZENE	10.00	0.00	6.32	63.20%	7.02	70.18%	10.47	51.7-110.3
1,3-DICHLOROBENZENE	10.00	0.00	5.78	57.79%	6.54	65.45%	12.44	51.2-111.3
1,4-DICHLOROBENZENE	10.00	0.00	6.48	64.84%	7.23	72.32%	10.91	44.7-107.4
1,2-DICHLOROETHANE	10.00	0.00	7.30	72.97%	7.96	79.65%	8.75	50.1-98.9
1,1-DICHLOROETHENE	10.00	0.00	7.11	71.10%	7.02	70.20%	1.27	49.2-107.4
CIS-1,2-DICHLOROETHENE	10.00	0.00	6.75	67.46%	7.44	74.44%	9.84	0.00-175.2
TRANS-1,2-DICHLOROETHENE	10.00	0.00	7.86	78.63%	8.05	80.49%	2.34	56.6-103.7
METHYLENE CHLORIDE	10.00	9.79	7.99	79.90%	8.21	82.10%	2.72	0.00-161.7
1,2,4-TRICHLOROBENZENE	10.00	0.00	6.10	61.00%	7.95	79.50%	26.33	53.6-106.8
1,1,1-TRICHLOROETHANE	10.00	0.01	7.15	71.52%	7.55	75.49%	5.39	50.8-109.8
TRICHLOROETHENE	10.00	0.00	6.15	61.48%	7.34	73.44%	17.73	49.3-109.1
TETRACHLOROETHENE	10.00	0.00	7.48	74.77%	7.96	79.56%	6.21	48.5-119.9
M,P-XYLENE	20.00	0.22	14.49	72.43%	14.82	74.10%	2.29	60.4-103.9
O-XYLENE	10.00	0.29	7.40	73.96%	7.90	79.02%	6.62	58.0-104.9
VINYL CHLORIDE	10.00	0.00	6.49	64.90%	6.65	66.50%	2.44	0.00-134.6
1-CL-2-FL-BENZENE (SURROGATE)	10.00	7.30	7.30	72.98%	7.90	78.96%	7.87	58.0-116.7
o,o,o-TRIFLUOROTOLUENE (SURROGATE)	10.00	12.16	9.77	97.69%	9.67	96.75%	0.97	91.9-108.7

ACCEPTABLE RANGE FOR RPD IS 0-20 %

GC VOLATILE RUN LOG

DATE 1/26/93

FILE NAME AJA26

TRACOR 9000

042

SIGNATURE Ayssa Mark

LABORATORY RESOURCES, INC.
GC VOLATILE RUN LOG

DATE 3/17/93

FILE NAME AMC17 / AMC17

TUNER 9000

SAMPLE ID #	FILE #	ANALYSES	DILUTION	DATE/TIME	COMMENTS
STD	1		10ppb	08:02	
STD	2		10ppb	09:05	passed MTBE
BLK	3			10:08	✓
SPK	4			11:11	BLK
SPK DUP	5			12:14	BLK
3215.05	6	601/602	1X	13:15	power surge
3128.12	7	602/MTBE	1X	14:20	1X AMC17
3128.13	8	↓	1X	15:24	re-run
3025.05	9	602	100X	16:27	re-run
3190.02	10	602/MTBE	25X	17:36	RR 1X?
3190.04	11	↓	25X	18:34	RR 1X?
3190.06	12	↓	25X	19:37	↓
3190.01	13	↓	50X	20:40	RR 500X
3190.03	14	↓	50X	21:43	RR 250X
3190.05	15	↓	50X	22:46	RR 500X
3167.01	16	602	100X	23:48	RR 20X
3167.02	17	↓	50X	00:51	RR 5X?
3167.03	18	↓	25X	01:55	
3167.04	19	↓	25X	02:58	
3167.05	20	602	50X	04:01	
3167.06	21	↓	200X	05:04	RR 25X
3215.05	22	601/602	1X	06:07	
					043

SIGNATURE

G. M. R.

LABORATORY RESOURCES, INC.
GC VOLATILE RUN LOG

DATE 5/22/93

FILE NAME AMR 22

TRACOR 9000

SAMPLE ID #	FILE #	ANALYSES	DILUTION	DATE/TIME	COMMENTS
STD	1		1000b	07:59	
STD	2		1000b	09:03	
~~STD~~	3		1000b	10:07	pressed
BLK	4			11:44	✓
SPK	5			12:47	BLK
3296.01	6	601/602	1000X	13:51	clean
SPK DUP	7			14:54	BLK
3299.12	8	601/602	1X	15:57	
3215.04	9	↓	1X	17:01	lost
3255.01	10	602	10X		lost due to
3151.01	11	602 soil	100X		clean
3137.01	12	602 soil	500X		jam
3168.03	13	602	25X		
3168.05	14		20X		
3168.06	15		10X		
3168.07	16		20X		
3178.01	17		100X		
3178.02	18		100X		
3178.04	19		100X		
3178.05	20	↓	50X		
3263.01	21	THM	25X		sludge

SIGNATURE

Mark

LABORATORY RESOURCES, INC.
GC VOLATILE RUN LOG

DATE 3/24/93

FILE NAME AmR24

Tracor 9000

SAMPLE ID #	FILE #	ANALYSES	DILUTION	DATE/TIME	COMMENTS
std 10ppb	1			14:07	NG
std 10ppb	2			15:23	
std 10ppb	3			17:08	
STD 10ppb	4			18:46	PASSED 18:46
BLANK	5			20:19	✓
T303192-3	6		1x	21:22	
T303192-2	7		1x	22:25	
T303192-1	8		1x	23:27	
~~T303292-2~~ T30331-1	x 9		1	00:30	
~~T303292-3~~ T30331-2	x 10			01:33	
T303225-1	11	502		02:35	
T303225-2	12			03:38	
T303225-3	13			04:41	
T3032302	14	8020		05:44	
~~T303292-2~~	~~15~~	~~ngt~~			
~~T303292-3~~	~~16~~	~~ngt~~			
T303219-1	15	601	1x	06:47	
T303215-1	16	601/602	5000x	07:49	
T303215-2	17		500x	08:52	
T303215-3	18		1000x	09:55	
T303292-5	19	601/602	1x	10:58	
T303292-1	20		1x	12:21	
T303292-4 TB	21		1x	13:24	
T303220-1	22		10x	14:27	

SIGNATURE _____

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TEPERGORD, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 01/26/93
GC ID #: TRACOR 9000
ANALYST: ELYSSA

CLIENT: ANSON
WORK ID #: T303215

TIME CHRONICLE FOR VOLATILE ANALYSIS

<u>SAMPLE ID. #</u>	<u>TIME</u>
CONTINUING STANDARD	08:54 A.M.
SPIKE	12:02 P.M.
SPIKE DUPLICATE	13:05 P.M.

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 03/17-03/18/93 CLIENT: ANSON
GC ID #: TRACER 9000
ANALYST: ELYSSA WORK ID #: T303215

TIME CHRONICLE FOR VOLATILE ANALYSIS

SAMPLE ID. #	TIME
CONTINUING STANDARD	09:05 A.M.
METHOD BLANK	10:08 A.M.
T303215-05	06:07 A.M.

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 03/22/93
GC ID #: TRACER 9000
ANALYST: ELYSSA

CLIENT: ANGEN
WORK ID #: T303215

TIME CHRONICLE FOR VOLATILE ANALYSIS

<u>SAMPLE ID. #</u>	<u>TIME</u>
CONTINUING STANDARD	10:07 A.M.
METHOD BLANK	11:44 A.M.
T303215-04	17:01 P.M.

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 03/24-03/25/93 CLIENT: ANSON
GC ID #: TRACOR 9000
ANALYST: ELYSSA WORK ID #: T303215

TIME CHRONICLE FOR VOLATILE ANALYSIS

<u>SAMPLE ID. #</u>	<u>TIME</u>
CONTINUING STANDARD	18:46 P.M.
METHOD BLANK	20:19 P.M.
T303215-01	07:49 A.M.
T303215-02	08:52 A.M.
T303215-03	09:55 A.M.

 * Sample Name: T303215-01 5000X B01088020 Operator: MJJ *
 * Data File Name: A:\PF2416.ATB *
 * Date Taken: 03-25-1993 07:49:46 Original Method:ADCL *
 * Interface: 8 Cycle#: 16 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILLUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.90	17,449.	0.1282	1	2,016.	0.151	8.7
2	10.92	628,768.	4.6193	3	51,948.	5.433	12.1
3	11.44	12,494.	0.0918	4	713.	0.108	17.5
4	13.01	36,431.	0.2676	1	3,529.	0.315	10.3
5	16.73	9,606.	0.0720	1	1,080.	0.085	9.1
6	17.17	926.	0.0068	1	162.	0.008	5.7
7	18.10	53,062.	0.3900	1	5,433.	0.459	9.8
8	20.96	368,845.	2.7098	1	46,368.	3.187	8.0
9	25.70	228,863.	1.6814	2	23,707.	1.978	9.7
10	26.42	11,573,260.	85.0247	3	994,718.	100.000	11.6
11	28.77	20,438.	0.1501	4	1,363.	0.177	15.0
12	29.11	122,184.	0.8976	2	10,654.	1.056	11.5
13	29.88	212,097.	1.5582	3	23,892.	1.833	8.9
14	30.74	1,238.	0.0091	4	186.	0.011	6.7
15	36.47	89,746.	0.6593	2	11,091.	0.775	8.1
16	36.86	128,047.	0.9407	2	13,868.	1.106	9.2
17	38.08	107,568.	0.7903	1	11,945.	0.929	9.0
18	39.16	410.	0.0030	1	69.	0.004	5.9

Total Area: 13,611,651. Area Reject: 1

 * Sample Name: T303215-01 5000X 80108/8020 Operator: WJJ *
 * Data File Name: A:AMP2416.ATB *
 * Date taken: 03-25-1993 07:49:46 Original Method:ADCL *
 * Interface: B Cycle#: 16 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMP2416.ATB Sample Name: T303215-01 5000X 80108/8020
 Area project: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
3	11.439	1,1-DICHLOROETHENE	0.2851	0.1137%	12,494.	713.175	4	NA	1.331	2.2823E-05
4	13.009	METHYLENE CHLORIDE	0.6625	0.2642%	36,431.	3,529.103	1	NA	1.432	1.8185E-05
5	16.733	C-1,2-DCL-ETHENE	0.4771	0.0706%	9,806.	1,080.911	1	NA	1.314	1.8057E-05
6	17.168	CHLOROFORM	0.0142	0.0057%	926.	162.571	1	NA	1.280	1.5353E-05
7	18.103	1,1,1-3CL-ETHANE	0.8946	0.3568%	53,082.	5,433.918	1	NA	1.025	1.6853E-05
8	20.958	TRICHLOROETHENE	6.6460	2.6506%	368,845.	46,368.801	1	NA	.8842	1.8019E-05
9	25.701	2BR-1CL-PROPANE	10.0000	0.0000%	228,863.	23,707.972	2	NA	.7198	4.3694E-05
10	26.419	TETRACHLOROETHENE	216.6515	86.4049%	11,573,260.	994,718.116	3	NA	.5082	1.8720E-05
12	29.108	CHLOROBENZENE	6.9662	2.7782%	122,184.	10,654.115	2	NA	.6351	5.7014E-05
13	29.876	surrogate	8.4704	3.3782%	212,097.	23,892.819	3	NA	.5621	3.9937E-05
15	36.473	1,3-DICHLOROBENZEN	3.1344	1.2501%	89,746.	11,091.811	2	NA	.5062	3.4925E-05
16	36.857	1,4-DICHLOROBENZEN	3.3486	1.3355%	128,047.	13,868.912	2	NA	.4551	2.6151E-05
17	38.076	1,2-DICHLOROBENZEN	3.4893	1.3916%	107,568.	11,945.910	1	NA	.4847	3.2439E-05

TOTAL AMOUNT = 250.7400

PL
4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 5000 uv High Value: 999999 uv Scale factor: 1.0

2CL-2F	45.90
BROMOH	
1,1-DI	10.92
METHYL	13.01
1,1-DI	
2,2-2C	16.73
1,1,1-	18.10
1,2-DI	
TRICHL	20.94
BR-2CL	
CIS-1,	
2BR-1C	25.70
2BR-CL	
CHLORO	28.77
	30.74
BROMOH	
BROMOB	
1,3-DI	36.47
1,2-DI	38.08
1,2-2B	
1,2,4-	
1,2,3-	

```

*****
* Sample Name: T303215-01 5000X 301068020 Operator: WJJ *
* Data File Name: A:8\FQ2416.ATR *
* Date Taken: 03-25-1993 07:49:46 Original Method:BDL *
* Interface: B Cycle#: 16 Channel#: 1 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.85	16,479.	0.4181	1	3,792.	0.573	4.3
2	7.16	573.	0.0145	1	75.	0.020	7.7
3	10.92	1,142.	0.0290	1	107.	0.040	10.7
4	11.41	1,010.	0.0256	2	108.	0.035	9.3
5	11.72	1,132.	0.0287	2	94.	0.039	12.1
6	16.67	4,763.	0.1208	1	562.	0.166	8.5
7	19.24	71,202.	1.8065	1	12,102.	2.476	5.9
8	20.93	68,625.	1.7411	2	12,451.	2.387	5.5
9	21.24	58,953.	1.4957	2	9,561.	2.050	6.2
10	23.43	374.	0.0095	1	47.	0.013	7.9
11	24.25	484.	0.0123	1	48.	0.017	10.2
12	24.62	73,902.	1.8750	1	13,228.	2.570	5.6
13	25.68	413.	0.0105	1	55.	0.014	7.5
14	26.44	2,875,169.	72.9475	1	459,020.	100.000	6.3
15	28.59	375.	0.0095	1	56.	0.013	6.7
16	29.07	80,895.	2.0524	2	15,221.	2.814	5.3
17	29.26	89,687.	2.2755	2	16,344.	3.119	5.5
18	29.49	140,301.	3.5597	2	25,373.	4.880	5.5
19	29.84	137,953.	3.5001	2	25,618.	4.798	5.4
20	30.84	92,203.	2.3393	3	16,707.	3.207	5.5
21	31.10	1,931.	0.0490	4	189.	0.067	10.2
22	31.43	1,028.	0.0261	4	108.	0.036	9.5
23	32.05	359.	0.0091	1	65.	0.012	5.5
24	32.98	510.	0.0129	1	86.	0.018	6.0
25	33.37	292.	0.0074	1	40.	0.010	7.3
26	33.72	1,289.	0.0327	2	165.	0.045	7.8
27	33.87	893.	0.0227	2	131.	0.031	6.8
28	34.70	289.	0.0073	1	55.	0.010	5.3
29	35.14	1,232.	0.0313	2	201.	0.043	6.1
30	35.34	3,671.	0.0932	2	455.	0.128	8.1
31	35.85	202.	0.0051	1	46.	0.007	4.4
32	36.42	62,332.	1.5814	2	11,625.	2.168	5.4
33	36.82	64,201.	1.6289	3	11,135.	2.233	5.8
34	37.19	2,066.	0.0524	4	232.	0.072	8.9
35	37.36	617.	0.0157	4	120.	0.021	5.1
36	37.63	416.	0.0106	1	89.	0.014	4.7
37	38.03	51,872.	1.3161	1	9,050.	1.804	5.7
38	38.94	754.	0.0191	1	109.	0.026	6.9
39	39.33	9,414.	0.2388	1	1,096.	0.327	8.6
40	40.06	487.	0.0124	1	88.	0.017	5.5
41	40.45	838.	0.0213	1	142.	0.029	5.9
42	40.93	803.	0.0204	2	71.	0.028	11.4
43	41.12	252.	0.0064	2	44.	0.009	5.7
44	41.68	634.	0.0161	2	70.	0.022	9.0
45	41.98	1,168.	0.0296	2	118.	0.041	9.9
46	42.30	545.	0.0138	1	99.	0.019	5.5
47	43.09	5,595.	0.1419	1	454.	0.195	12.3
48	43.84	328.	0.0083	1	55.	0.011	5.9
49	44.36	400.	0.0101	1	74.	0.014	5.4
50	44.57	1,757.	0.0444	1	571.	0.061	6.1

50	47.87	1,737.	0.0448	1	278.	0.081	8.4
51	48.27	655.	0.0166	1	95.	0.023	6.9
52	48.64	313.	0.0079	1	52.	0.011	6.1
53	48.39	319.	0.0081	1	61.	0.011	5.2
54	48.76	1,974.	0.0501	1	162.	0.069	12.2
55	47.13	248.	0.0063	1	36.	0.009	7.0
56	47.70	372.	0.0094	1	39.	0.013	9.6
57	47.91	685.	0.0174	1	99.	0.024	6.9
58	48.38	1,772.	0.0449	2	183.	0.062	9.7
59	48.55	666.	0.0169	2	100.	0.023	6.7
60	49.23	918.	0.0233	1	135.	0.032	6.6
61	49.92	349.	0.0088	1	45.	0.012	7.8
62	50.73	1,348.	0.0342	1	161.	0.047	8.4

Total Area: 3,941,423. Area Reject: 1

* Sample Name: T303215-01 5000X 861082020 Operator: VJJ *

* Data File Name: A:EMP2416.ATB *

* Date Taken: 03-25-1993 07:49:46 Original Method:POOL *

* Interface: 8 Cycle#: 16 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Date File Name: A:EMP2416.ATB Sample Name: T303215-01 5000X 861082020

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	HEIGHT	AREA/ HEIGHT	REF BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
2	7.164	VINYL CHLORIDE	~~0.1062~~	0.0816%	573.	75.	7.7	1	NA	NA	0	5.3427E-04
4	11.406	1,1-DICHLOROETHENE	~~0.1567~~	0.0417%	1,010.	108.	9.3	2	NA	NA	1.485	1.5517E-04
5	16.667	C-1,2-2CL-ETHENE	~~0.5561~~	0.1482%	4,763.	562.	8.5	1	NA	NA	1.012	1.1577E-04
7	19.238	BENZENE	3.5630	0.9492%	71,202.	12,102.	5.9	1	NA	NA	.8756	5.0040E-05
8	20.925	TRICHLOROETHENE	6.4278	1.7124%	68,625.	12,451.	5.5	2	NA	NA	.3856	9.3666E-05
9	21.242	surrogate	9.9692	2.6559%	58,953.	9,561.	6.2	2	NA	NA	.7923	1.6911E-04
12	24.616	TOLUENE	3.7264	0.9927%	73,902.	13,228.	5.6	1	NA	NA	.7518	5.0423E-05
14	26.436	TETRACHLOROETHENE	318.5732	84.8694%	2,875,169.	459,020.	6.3	1	NA	NA	.6997	1.1080E-04
16	29.075	CHLOROBENZENE	3.9611	1.0552%	80,895.	15,221.	5.3	2	NA	NA	.6358	4.8965E-05
17	29.258	ETHYLBENZENE	5.0555	1.3468%	89,687.	16,344.	5.5	2	NA	NA	.6318	5.6368E-05
18	29.492	M,P-XYLENE	6.4099	1.7076%	140,301.	25,373.	5.5	2	NA	NA	.6267	4.5687E-05
19	29.843	1-CL-2-FL-BENZENE	10.0000	0.0000%	137,953.	25,618.	5.4	2	NA	NA	.6193	7.2488E-05
20	30.845	O-XYLENE	5.3740	1.4317%	92,203.	16,707.	5.5	3	NA	NA	.5443	5.8285E-05
21	31.095	STYRENE	~~0.0844~~	0.0225%	1,931.	189.	10.2	4	NA	NA	.7575	4.3720E-05
23	32.047	ISOPROPYLBENZENE	~~0.0257~~	0.0069%	359.	65.	5.5	1	NA	NA	.5765	7.1609E-05
25	33.367	NPROPYL;BROMOBENZE	~~0.0130~~	0.0040%	292.	40.	7.3	1	NA	NA	.5030	5.1417E-05
27	33.868	135-TMB;2CLTOLUENE	~~0.0407~~	0.0108%	893.	131.	6.8	2	NA	NA	.5453	4.5545E-05
29	35.137	124-DMETHYL-BENZEN	~~0.0603~~	0.0161%	1,232.	201.	6.1	2	NA	NA	.5255	4.8976E-05
31	35.955	SEC-BUTYLBENZENE	~~0.0151~~	0.0040%	202.	46.	4.4	1	NA	NA	.8928	7.4716E-05
32	36.423	1,3-2CL-BENZENE	~~3.4841~~	0.9282%	62,332.	11,625.	5.4	2	NA	NA	.4606	5.5896E-05
33	36.823	1,4-2CL-BENZENE	~~3.7384~~	0.9959%	64,201.	11,135.	5.8	3	NA	NA	.5013	5.8229E-05
36	37.625	N-BUTYLBENZENE	~~0.0274~~	0.0073%	416.	89.	4.7	1	NA	NA	.5354	6.5925E-05
37	38.026	1,2-2CL-BENZENE	~~3.5144~~	0.9363%	51,872.	9,050.	5.7	1	NA	NA	.4854	6.7752E-05
48	43.838	124-TRICHLOROBENZE	~~0.0319~~	0.0085%	328.	55.	5.9	1	NA	NA	.7290	9.7473E-05
49	44.355	6CL-BUTADIENE	~~0.0462~~	0.0123%	400.	74.	5.4	1	NA	NA	.7587	1.1548E-04
50	44.572	NAPHTHALENE	~~0.1440~~	0.0384%	1,757.	276.	6.4	1	NA	NA	.4138	8.2007E-05
51	45.274	1,2,3-3CL-BENZENE	~~0.0619~~	0.0165%	655.	95.	6.9	1	NA	NA	0	9.4531E-05
62	50.735	REFERENCE	10.0000	0.0000%	1,348.	161.	8.4	1	NA	NA	0	7.4201E-03

TOTAL AMOUNT = 375.3687

4/5/93

055

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4838 uv High Value: 463927 uv Scale factor: 1.0

VINYL	5.85	7.16
1,1-DI	10.92	
T-1,2		
C-1,2	16.67	
1,1-2C	19.24	
TRICHL	20.93	
CIS-1,2	23.43	
TRANS	24.62	
CHLORU	26.52	
O-MYLE	29.64	
ISOPRO	31.10	
NPROPY	32.93	
TERT-B	34.70	
P-ISOP	36.42	
N-BUTY	37.63	
	38.94	
	40.45	
	41.63	
1,2,3-TR	43.09	
1,2,3	44.56	
	46.64	
	47.13	
	48.33	
REFERE	49.92	

 * Sample Name: T303215-02 500 X B01086020 Operator: WJJ *
 * Data File Name: A:AMF2417.ATB *
 * Date Taken: 03-25-1993 08:52:31 Original Method:ACDL *
 * Interface: 8 Cycle#: 17 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret. Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.61	11,342.	0.1145	1	991.	0.122	11.4
2	10.80	27,166.	0.2742	1	2,217.	0.292	12.3
3	12.89	32,186.	0.3249	1	2,990.	0.346	10.8
4	18.10	1,774.	0.0179	1	204.	0.019	8.7
5	20.96	11,354.	0.1146	2	1,375.	0.122	8.3
6	21.23	15,885.	0.1604	2	1,563.	0.171	10.2
7	25.68	182,539.	1.8427	1	22,559.	1.962	8.1
8	26.42	9,304,246.	93.9239	1	993,848.	100.000	9.4
9	28.69	748.	0.0076	1	155.	0.008	4.8
10	29.12	32,371.	0.3268	1	3,900.	0.348	8.3
11	29.88	154,739.	1.5620	1	20,595.	1.663	7.5
12	30.73	419.	0.0042	1	119.	0.005	3.5
13	36.49	34,383.	0.3471	2	3,762.	0.370	9.1
14	36.89	49,149.	0.4961	2	4,921.	0.528	10.0
15	38.08	47,454.	0.4790	1	4,996.	0.510	9.5
16	39.08	400.	0.0040	1	62.	0.004	6.5

Total Area: 9,906,156. Area Reject: 1

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*****
* Sample Name: T303215-02 500 X 801088020 Operator: WJG *
* Data File Name: A:AMR2417.ATB *
* Date Taken: 03-25-1993 08:52:31 Original Method:ADCL *
* Interface: 8 Cycle#: 17 Channel#: 0 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

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***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

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Data File Name: A:AMR2417.ATB Sample Name: T303215-02 500 X 801088020
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

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PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF BL	INT. STD PEAK	% DELTA RET TIME	CONC/AREA	
3	12.892	METHYLENE CHLORIDE	0.7338	0.3123%	32,186.	2,990.	10.8	1	NA	.5208	2.2800E-05
4	18.103	1,1,1-3CL-ETHANE	~~0.0325~~	0.0166%	1,774.	204.	8.7	1	NA	1.025	2.1130E-05
5	20.958	TRICHLOROETHENE	~~0.2545~~	0.1092%	11,354.	1,375.	8.3	2	NA	.8842	2.2591E-05
6	21.226	1,2-2CLPROPANE	~~0.4345~~	0.1849%	15,885.	1,563.	10.2	2	NA	-.6254	2.7354E-05
7	25.685	2BR-1CL-PROPANE	10.0000	0.0000%	182,539.	22,559.	8.1	1	NA	.6544	5.4783E-05
8	26.419	TETRACHLOROETHENE	218.3761	92.9468%	9,304,246.	993,848.	9.4	1	NA	.5082	2.3471E-05
10	29.125	CHLOROBENZENE	2.3139	0.9849%	32,371.	3,900.	8.3	1	NA	.6928	7.1482E-05
11	29.875	surrogate	7.7480	3.2978%	154,739.	20,595.	7.5	1	NA	.5621	5.0071E-05
13	36.490	1,3-DICHLOROBENZEN	1.5056	0.6408%	34,383.	3,762.	9.1	2	NA	.5522	4.3788E-05
14	36.890	1,4-DICHLOROBENZEN	1.6115	0.6859%	49,149.	4,921.	10.0	2	NA	.5461	3.2787E-05
15	38.076	1,2-DICHLOROBENZEN	1.9300	0.8215%	47,454.	4,996.	9.5	1	NA	.4847	4.0671E-05

TOTAL AMOUNT = 234.9474

AL
4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5051 uv High Value: 999999 uv Scale factor: 1.0

2CL-2F	5.61
BROMOF	
1,1-DI	10.30
METHYL	12.39
1,1-DI	
2,2-2C	
1,1,1-	18.10
1,2-DI	
TRICHL	20.96
BR-2CL	
CIS-1,	
2BR-1C	25.68
2BR-CL	26.42
CHLORO	28.69
	29.88
BROMOF	
BROMOB	
1,3-DI	36.49
1,2-DI	38.08
1,2-2B	
1,2,4-	
1,2,3-	

* Sample Name: T303215-02 500 X B0108B020 Operator: WJJ *

* Data File Name: A:ENR2417.ATB *

* Date Taken: 03-25-1993 08:52:31 Original Method:ECCL *

* Interface: B Cycle#: 17 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.53	9,055.	0.3210	1	2,055.	0.477	4.4
2	6.88	617.	0.0219	1	73.	0.033	8.5
3	11.57	1,482.	0.0525	1	127.	0.078	11.7
4	14.11	244.	0.0087	1	33.	0.013	7.3
5	14.78	261.	0.0093	1	37.	0.014	7.0
6	16.10	240.	0.0085	1	31.	0.013	7.6
7	16.47	1,670.	0.0592	1	160.	0.088	10.4
8	19.20	29,515.	1.0464	1	4,882.	1.563	6.0
9	20.89	3,630.	0.1287	2	640.	0.192	5.7
10	21.23	48,983.	1.7366	2	7,885.	2.593	6.2
11	24.23	237.	0.0084	1	34.	0.013	6.9
12	24.60	32,176.	1.1407	1	5,711.	1.704	5.6
13	25.67	337.	0.0119	1	51.	0.018	6.6
14	26.42	1,888,825.	66.9629	1	305,436.	100.000	6.2
15	28.59	328.	0.0116	1	52.	0.017	6.2
16	28.84	277.	0.0098	2	37.	0.015	7.4
17	29.07	35,310.	1.2518	2	6,561.	1.869	5.4
18	29.26	32,171.	1.1405	2	5,850.	1.703	5.5
19	29.49	41,518.	1.4719	2	7,493.	2.198	5.5
20	29.84	119,417.	4.2336	2	22,295.	6.322	5.4
21	30.49	376.	0.0133	1	67.	0.020	5.6
22	30.86	30,737.	1.0897	1	5,568.	1.627	5.5
23	31.45	412.	0.0146	1	64.	0.022	6.4
24	31.75	402.	0.0142	1	79.	0.021	5.1
25	32.06	1,017.	0.0361	2	149.	0.054	6.8
26	32.20	2,308.	0.0818	2	341.	0.122	6.8
27	32.82	1,850.	0.0656	2	216.	0.098	8.6
28	33.00	8,303.	0.2944	2	795.	0.440	10.4
29	33.53	2,192.	0.0777	2	182.	0.116	12.0
30	33.77	6,351.	0.2252	2	668.	0.336	9.5
31	33.88	4,394.	0.1558	2	583.	0.233	7.5
32	34.10	2,439.	0.0865	2	244.	0.129	10.0
33	34.55	4,284.	0.1519	2	321.	0.227	13.4
34	34.72	2,903.	0.1029	2	388.	0.154	7.5
35	35.15	12,364.	0.4383	2	1,102.	0.655	11.2
36	35.34	8,566.	0.3037	2	1,006.	0.454	8.5
37	35.54	2,345.	0.0831	2	286.	0.124	8.2
38	35.72	1,575.	0.0558	2	259.	0.083	6.1
39	36.02	3,264.	0.1157	1	436.	0.173	7.5
40	36.44	27,102.	0.9608	2	4,976.	1.435	5.4
41	36.72	3,504.	0.1242	2	597.	0.186	5.9
42	36.84	26,717.	0.9472	3	4,560.	1.414	5.9
43	37.04	1,035.	0.0367	4	236.	0.055	4.4
44	37.26	5,443.	0.1930	2	970.	0.288	5.6
45	37.37	4,790.	0.1698	2	858.	0.254	5.6
46	37.66	4,217.	0.1495	2	865.	0.223	4.9
47	37.83	1,561.	0.0553	2	256.	0.083	6.1
48	38.04	27,180.	0.9636	3	4,519.	1.439	6.0
49	38.21	4,117.	0.1460	4	620.	0.218	6.6
50	38.55	3,511.	0.1255	2	1,000.	0.200	5.0

50	38.80	5,514.	0.1532 2	800.	0.202	8.4
51	38.68	5,465.	0.2292 2	983.	0.342	6.6
52	38.96	8,224.	0.2915 2	1,000.	0.435	8.2
53	39.24	12,922.	0.4581 2	1,717.	0.684	7.5
54	39.40	21,585.	0.7652 2	1,911.	1.143	11.3
55	39.66	7,505.	0.2661 2	701.	0.397	10.7
56	40.08	16,569.	0.5874 2	1,669.	0.877	9.9
57	40.46	7,413.	0.2628 2	1,186.	0.392	6.3
58	40.73	4,566.	0.1619 2	698.	0.242	6.5
59	40.95	7,568.	0.2683 2	1,228.	0.401	6.2
60	41.12	4,946.	0.1754 2	663.	0.262	7.5
61	41.28	7,048.	0.2499 2	671.	0.373	8.1
62	41.52	1,293.	0.0458 2	226.	0.068	5.7
63	41.67	6,653.	0.2359 2	798.	0.352	8.3
64	42.00	14,831.	0.5258 2	1,398.	0.785	10.6
65	42.18	1,569.	0.0556 2	282.	0.083	5.6
66	42.33	13,854.	0.4912 2	1,449.	0.733	9.6
67	42.65	6,707.	0.2378 2	793.	0.355	8.5
68	42.95	1,109.	0.0393 2	206.	0.059	5.4
69	43.09	7,319.	0.2595 2	1,009.	0.388	7.3
70	43.29	11,007.	0.3902 2	1,299.	0.583	8.5
71	43.44	3,942.	0.1398 2	656.	0.209	6.0
72	43.64	4,946.	0.1753 2	470.	0.262	10.5
73	43.85	10,456.	0.3707 2	996.	0.554	10.5
74	44.12	5,506.	0.1952 2	618.	0.292	8.9
75	44.37	3,642.	0.1291 2	525.	0.193	6.9
76	44.57	11,682.	0.4141 2	2,049.	0.618	5.7
77	44.76	6,182.	0.2192 2	821.	0.327	7.5
78	44.87	4,080.	0.1446 2	633.	0.216	6.4
79	45.29	7,475.	0.2650 1	916.	0.396	8.2
80	45.62	1,057.	0.0375 2	156.	0.056	6.8
81	45.81	1,376.	0.0488 2	308.	0.073	4.5
82	45.96	2,368.	0.0839 2	465.	0.125	5.1
83	46.16	2,155.	0.0764 2	331.	0.114	6.5
84	46.41	7,284.	0.2582 2	914.	0.386	8.0
85	46.76	16,943.	0.6007 2	1,327.	0.897	12.8
86	47.16	6,676.	0.2367 2	909.	0.353	7.3
87	47.26	6,143.	0.2178 2	841.	0.325	7.3
88	47.44	328.	0.0116 2	79.	0.017	4.1
89	47.65	4,096.	0.1452 2	532.	0.217	7.7
90	47.95	9,863.	0.3497 2	1,149.	0.522	8.6
91	48.25	10,759.	0.3814 2	1,547.	0.570	7.0
92	48.38	18,581.	0.6587 2	2,541.	0.984	7.3
93	48.55	7,342.	0.2603 2	944.	0.389	7.8
94	48.71	11,491.	0.4074 2	965.	0.608	11.9
95	49.00	2,878.	0.1020 1	453.	0.152	6.4
96	49.25	10,711.	0.3797 2	1,689.	0.567	6.3
97	49.40	4,505.	0.1597 2	771.	0.239	5.8
98	49.68	610.	0.0216 1	151.	0.032	4.0
99	49.93	6,869.	0.2435 2	877.	0.364	7.8
100	50.13	3,681.	0.1305 2	333.	0.195	11.0
101	50.32	3,635.	0.1289 2	321.	0.192	11.3
102	50.67	2,434.	0.0863 1	258.	0.129	9.4

■ Total Area: 2,820,704. Area Reject: 1

 * Sample Name: T303215-02 500 X 801088020 Operator: WJJ *
 * Data File Name: A:EMR2417.ATB *
 * Date Taken: 03-25-1993 08:52:31 Original Method: ECDL *
 * Interface: 8 Cycle#: 17 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:EMR2417.ATB Sample Name: T303215-02 500 X 801088020
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	HEIGHT	AREA/ HEIGHT	REF BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC./AREA
3	11.573	1,1-DICHLOROETHENE	0.2656	0.0966%	1,482.	127.	11.7	1	NA	NA	2.971	1.7926E-04
7	16.460	C-1,2-2CL-ETHENE	0.2253	0.0820%	1,670.	160.	10.4	1	NA	NA	-1.2024	1.3489E-04
8	19.205	BENZENE	1.7062	0.6207%	29,515.	4,832.	6.0	1	NA	NA	.7005	5.7807E-05
9	20.892	TRICHLOROETHENE	0.3928	0.1429%	3,630.	640.	5.7	2	NA	NA	.7246	1.0820E-04
10	21.226	surrogate	9.5691	3.4814%	48,983.	7,885.	6.2	2	NA	NA	.7131	1.9535E-04
12	24.599	TOLUENE	1.8743	0.6819%	32,176.	5,711.	5.6	1	NA	NA	.6835	5.8250E-05
13	25.668	TRANS-1,3-2CLPROPE	0.0823	0.0299%	337.	51.	6.6	1	NA	NA	1.788	2.4442E-04
14	26.419	TETRACHLOROETHENE	241.7697	87.9593%	1,889,825.	305,436.	6.2	1	NA	NA	.6361	1.2800E-04
17	29.075	CHLOROBENZENE	1.9973	0.7267%	35,310.	6,561.	5.4	2	NA	NA	.6358	5.6566E-05
18	29.258	ETHYLBENZENE	2.0949	0.7622%	32,171.	5,850.	5.5	2	NA	NA	.6318	6.5117E-05
19	29.492	M,P-XYLENE	2.1913	0.7972%	41,518.	7,493.	5.5	2	NA	NA	.6267	5.2778E-05
20	29.943	1-CL-2-FL-BENZENE	10.0000	0.0000%	119,417.	22,295.	5.4	2	NA	NA	.6193	8.3740E-05
22	30.862	O-XYLENE	2.0696	0.7530%	30,737.	5,568.	5.5	1	NA	NA	.5988	6.7332E-05
25	32.064	ISOPROPYLBENZENE	0.0841	0.0306%	1,017.	149.	6.8	2	NA	NA	.6289	8.2725E-05
29	33.534	NPROPYL;BROMOBENZ	0.1302	0.0474%	2,192.	182.	12.0	2	NA	NA	1.006	5.9398E-05
31	33.884	135-TMB;2CLTOLUENE	0.2342	0.0841%	4,394.	583.	7.5	2	NA	NA	.5949	5.2614E-05
32	34.101	4-CHLOROTOLUENE	0.1360	0.0495%	2,439.	244.	10.0	2	NA	NA	.7400	5.5786E-05
35	35.154	124-3METHYL-BENZEN	0.5995	0.2545%	12,364.	1,102.	11.2	2	NA	NA	.5733	5.6578E-05
38	35.721	SEC-BUTYLBENZENE	0.1359	0.0494%	1,575.	259.	6.1	2	NA	NA	.5169	8.6313E-05
40	36.439	1,3-2CL-BENZENE	1.7501	0.6367%	27,102.	4,976.	5.4	2	NA	NA	.5066	6.4572E-05
42	36.840	1,4-2CL-BENZENE	1.7972	0.6538%	26,717.	4,560.	5.9	3	NA	NA	.5469	6.7267E-05
46	37.659	N-BUTYLBENZENE	0.3212	0.1168%	4,217.	865.	4.9	2	NA	NA	.6247	7.6157E-05
48	38.043	1,2-2CL-BENZENE	2.1273	0.7740%	27,180.	4,519.	6.0	3	NA	NA	.5295	7.8269E-05
72	43.637	124-TRICHLOROBENZ	0.5567	0.2026%	4,946.	470.	10.5	2	NA	NA	.2686	1.1260E-04
74	44.121	6CL-BUTADIENE	0.7346	0.2672%	5,506.	618.	8.9	2	NA	NA	.2276	1.3341E-04
76	44.572	NAPHTHALENE	1.1067	0.4026%	11,682.	2,049.	5.7	2	NA	NA	.4138	9.4736E-05
79	45.290	1,2,3-3CL-BENZENE	0.9163	0.2970%	7,475.	916.	8.2	1	NA	NA	0	1.0920E-04
102	50.668	REFERENCE	10.0000	0.0000%	2,434.	258.	9.4	1	NA	NA	-1.2301	4.1087E-03

TOTAL AMOUNT = 274.8656

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45/13

062

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4837 uv High Value: 310332 uv Scale factor: 1.0

	6.53	
QUINYL	6.88	
1,1-DI	11.57	
T-1,2	14.11	
C-1,2	16.10	
1,1-2C	19.20	
TRICHL	20.89	
CIS-1,	24.23	
TRANS	25.67	
		26.42
CHLOROC	28.59	
O-NYLE	29.34	
ISOPRO	31.45	
NPROPY	32.82	
TERT-B	34.10	
P-ISOP	35.34	
N-BUTY	36.72	
	38.04	
	39.25	
	40.46	
	41.67	
1,2,4-TR	42.95	
1,2,3	44.12	
	45.62	
	47.16	
	48.38	
REFERE	49.63	

* Sample Name: T303215-03 1000X 801088020 Operator: WJJ *

* Data File Name: A:AMFQ2418.ATE *

* Date Taken: 03-25-1993 09:55:47 Original Method:ACOL *

* Interface: B Cycle#: 18 Channel#: 0 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	6.03	1,235.	0.0568	1	90.	0.073	13.7
2	10.97	6,265.	0.2993	1	592.	0.373	10.6
3	13.01	22,629.	1.0778	1	2,430.	1.343	9.3
4	18.07	9,962.	0.4745	1	1,061.	0.591	9.4
5	21.24	7,268.	0.3461	1	871.	0.431	8.3
6	25.67	160,821.	7.6595	2	16,322.	9.543	9.9
7	26.45	1,685,187.	80.2613	3	227,976.	100.000	7.4
8	27.66	417.	0.0199	4	125.	0.025	3.3
9	29.12	14,001.	0.6668	1	1,123.	0.631	12.5
10	29.88	131,206.	6.2490	1	16,060.	7.786	8.2
11	36.52	14,955.	0.7123	2	1,520.	0.887	9.8
12	36.89	23,311.	1.1103	2	2,299.	1.383	10.1
13	38.13	21,138.	1.0068	1	2,070.	1.254	10.2
14	43.89	265.	0.0126	1	37.	0.016	7.2
15	44.32	425.	0.0203	1	72.	0.025	5.9
16	45.56	521.	0.0248	1	91.	0.031	5.7

Total Area: 2,099,626. Area Reject: 1

* Sample Name: T303215-03 1000X 801088020 Operator: NJJ *

* Data File Name: A:AMR2418.ATB *

* Date Taken: 03-25-1993 09:35:47 Original Method:ADCL *

* Interface: 8 Cycle#: 18 Channel#: 0 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR2418.ATB Sample Name: T303215-03 1000X 801088020

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	HEIGHT	AREA/ HEIGHT	REF BL	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
3	13.009	METHYLENE CHLORIDE	0.5856	1.0239%	22,629.	2,430.	9.3	1	NA	NA	2.5879E-05
4	18.069	1,1,1-3CL-ETHANE	~~0.2389~~	0.4177%	9,962.	1,061.	9.4	1	NA	NA	2.3984E-05
5	21.242	1,2-2CLPROPANE	~~0.2256~~	0.3945%	7,268.	871.	8.3	1	NA	NA	3.1048E-05
6	25.668	2BR-1CL-PROPANE	10.0000	0.0000%	160,821.	16,322.	9.9	2	NA	NA	6.2181E-05
7	26.453	TETRACHLOROETHENE	44.8937	78.4930%	1,685,187.	227,976.	7.4	3	NA	NA	2.6640E-05
8	27.655	1,2-DIBROMOETHANE	~~0.0291~~	0.0508%	417.	125.	3.3	4	NA	NA	6.9680E-05
9	29.125	CHLOROBENZENE	1.1360	1.9862%	14,001.	1,123.	12.5	1	NA	NA	8.1136E-05
10	29.876	surrogate	7.4569	13.0377%	131,206.	16,060.	8.2	1	NA	NA	5.6833E-05
11	36.523	1,3-DICHLOROBENZEN	0.7433	1.2996%	14,955.	1,520.	9.8	2	NA	NA	4.9701E-05
12	36.890	1,4-DICHLOROBENZEN	0.8675	1.5168%	23,311.	2,299.	10.1	2	NA	NA	3.7215E-05
13	38.126	1,2-DICHLOROBENZEN	0.9758	1.7061%	21,138.	2,070.	10.2	1	NA	NA	4.6163E-05
14	43.888	1,2,4-3CL-BENZENE	~~0.0118~~	0.0206%	265.	37.	7.2	1	NA	NA	4.4555E-05
15	44.322	6CL-BUTADIENE	~~0.0099~~	0.0173%	425.	72.	5.9	1	NA	NA	2.3236E-05
16	45.558	1,2,3-3CL-BENZENE	~~0.0204~~	0.0357%	521.	91.	5.7	1	NA	NA	3.9215E-05

TOTAL AMOUNT = 57.1946

PL
4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5049 uv High Value: 233396 uv Scale factor: 1.0

2CL-2F-6.03	26.47
BROMOP	
1,1-DI-10.97	26.46
METHYL-13.01	29.12
1,1-DI	
2,2-2C	
1,1,1-18.07	
1,2-DI	
TRICHL	
BR-2CL	
CIS-1,	
2BR-1C	
2BR-CL	
CHLORO	
BROMOP	
BROMOB	
1,3-DI-36.52	
1,2-DI-36.13	
1,2-2B	
1,2,4-43.89	
1,2,3-45.56	

 * Sample Name: T303215-03 1000X 8010&8020 Operator: WJJ *
 * Data File Name: A:EMR2418.ATB *
 * Date Taken: 03-25-1993 09:55:47 Original Method:ECCL *
 * Interface: 8 Cycle#: 18 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILLUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.88	2,547.	0.4109	1	667.	0.875	3.8
2	6.28	161.	0.0259	1	35.	0.055	4.7
3	7.18	159.	0.0257	1	29.	0.055	5.5
4	11.69	1,404.	0.2265	1	126.	0.482	11.1
5	13.66	177.	0.0286	1	29.	0.061	6.1
6	14.18	552.	0.0691	1	84.	0.190	6.6
7	14.78	345.	0.0556	1	55.	0.118	6.3
8	16.05	323.	0.0521	1	50.	0.111	6.5
9	16.40	1,665.	0.2687	1	264.	0.572	6.3
10	19.20	14,192.	2.2696	3	2,343.	4.874	6.1
11	19.44	99.	0.0160	4	25.	0.034	4.0
12	20.69	1,475.	0.2380	2	219.	0.507	6.7
13	21.21	42,116.	6.7947	3	6,812.	14.465	6.2
14	21.43	746.	0.1204	4	112.	0.256	6.7
15	24.20	1,458.	0.2352	1	214.	0.501	6.8
16	24.58	15,390.	2.4629	1	2,782.	5.286	5.5
17	25.65	326.	0.0525	1	48.	0.112	6.8
18	26.40	291,166.	46.9746	1	51,679.	100.000	5.6
19	29.06	16,540.	2.6684	2	3,110.	5.680	5.3
20	29.24	14,265.	2.3013	2	2,567.	4.899	5.6
21	29.48	19,052.	3.0737	2	3,416.	6.543	5.6
22	29.83	104,379.	16.8397	2	19,957.	35.849	5.2
23	30.84	14,387.	2.3211	3	2,591.	4.941	5.6
24	31.06	921.	0.1486	4	131.	0.316	7.0
25	32.03	588.	0.0900	1	100.	0.192	5.6
26	32.98	350.	0.0564	1	57.	0.120	6.2
27	33.38	1,814.	0.2927	2	175.	0.623	10.4
28	33.87	4,019.	0.6484	2	463.	1.380	8.7
29	34.05	1,030.	0.1661	2	145.	0.354	7.1
30	35.04	957.	0.1544	2	143.	0.329	6.7
31	35.15	2,202.	0.3553	2	370.	0.756	6.0
32	35.37	1,065.	0.1718	2	171.	0.366	6.2
33	35.74	741.	0.1196	1	143.	0.255	5.2
34	36.24	952.	0.1537	1	187.	0.327	5.1
35	36.44	13,389.	2.1600	1	2,443.	4.598	5.5
36	36.84	12,662.	2.0428	1	2,350.	4.349	5.4
37	37.21	745.	0.1203	1	112.	0.256	6.6
38	37.64	1,689.	0.2726	1	224.	0.580	7.5
39	38.04	13,091.	2.1120	1	2,275.	4.496	5.8
40	38.98	387.	0.0624	1	62.	0.133	6.3
41	39.35	4,060.	0.6549	1	494.	1.394	8.2
42	40.10	295.	0.0475	1	59.	0.101	5.0
43	40.48	606.	0.0978	1	97.	0.206	6.2
44	40.97	554.	0.0894	2	46.	0.190	12.0
45	41.15	120.	0.0194	2	23.	0.041	5.3
46	41.73	283.	0.0456	1	42.	0.097	6.8
47	42.02	267.	0.0430	1	50.	0.092	5.3
48	42.33	445.	0.0718	1	79.	0.153	5.6
49	42.67	131.	0.0211	1	26.	0.045	5.1

50	43.67	1,457.	0.2550	1	271.	0.500	5.4
51	43.72	1,299.	0.2096	1	233.	0.446	5.6
52	44.22	731.	0.1120	1	124.	0.251	5.9
53	44.61	3,305.	0.5332	1	571.	1.135	5.8
54	45.31	225.	0.0364	2	40.	0.077	5.6
55	45.46	1,703.	0.2748	2	315.	0.565	5.4
56	46.44	302.	0.0487	1	54.	0.104	5.6
57	46.79	1,384.	0.2232	1	109.	0.475	12.7
58	47.16	204.	0.0330	1	36.	0.070	5.6
59	47.96	401.	0.0647	1	57.	0.138	7.0
60	48.41	1,375.	0.2218	1	173.	0.472	7.9
61	49.03	215.	0.0347	1	30.	0.074	7.1
62	49.26	744.	0.1200	1	135.	0.256	5.5
63	49.95	236.	0.0382	1	36.	0.081	6.5

Total Area: 619,938. Area Reject: 1

* Sample Name: T303215-03 1000X B0108B020 Operator: WJJ *

* Data File Name: A:BNFQ2418.ATB *

* Date Taken: 03-25-1993 09:55:47 Original Method:SCCL *

* Interface: 8 Cycle#: 18 Channel#: 1 Vial#: N.A. *

INCLNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BNFQ2418.ATB Sample Name: T303215-03 1000X B0108B020

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
3	7.181	VINYL CHLORIDE	0.1125	0.1746%	159.	29.55	1	NA	.2330	7.0612E-04
4	11.690	1,1-DICHLOROETHENE	0.2879	0.4468%	1,404.	126.11	1	NA	4.011	2.0508E-04
5	13.661	T-1,2-DICHLOROETHENE	0.0148	0.0230%	177.	29.61	1	NA	1.363	8.3688E-05
9	16.399	C-1,2-DCL-ETHENE	0.2570	0.3989%	1,665.	264.63	1	NA	-6.072	1.5433E-04
10	19.205	BENZENE	0.9386	1.4567%	14,192.	2,343.61	3	NA	.7005	6.6136E-05
12	20.892	TRICHLOROETHENE	0.1826	0.2834%	1,475.	219.67	2	NA	.7246	1.2379E-04
13	21.209	surrogate	9.4130	14.6094%	42,116.	6,812.62	3	NA	.6339	2.2350E-04
16	24.582	TOLUENE	1.0256	1.5918%	15,390.	2,782.55	1	NA	.6151	6.6642E-05
17	25.651	TRANS-1,3-2CLPROPE	0.0911	0.1413%	326.	48.68	1	NA	1.721	2.7964E-04
18	26.403	TETRACHLOROETHENE	42.6388	66.1776%	291,166.	51,679.56	1	NA	.5725	1.4644E-04
19	29.058	CHLOROBENZENE	1.0704	1.6613%	16,540.	3,110.53	2	NA	.5780	6.4715E-05
20	29.242	ETHYLBENZENE	1.0627	1.6494%	14,265.	2,567.56	2	NA	.5743	7.4499E-05
21	29.476	M,P-XYLENE	1.1504	1.7855%	19,052.	3,416.56	2	NA	.5698	6.0382E-05
22	29.826	1-CL-2-FL-BENZENE	10.0000	0.0000%	104,379.	19,957.52	2	NA	.5630	9.5805E-05
23	30.845	O-XYLENE	1.1083	1.7201%	14,387.	2,591.56	3	NA	.5443	7.7033E-05
24	31.062	STYRENE	0.0532	0.0826%	921.	131.70	4	NA	.6493	5.7782E-05
25	32.031	ISOPROPYLBENZENE	0.0528	0.0820%	558.	100.56	1	NA	.5241	9.4643E-05
27	33.383	NFROPYL;BROMOBENZIE	0.1233	0.1913%	1,814.	175.10	2	NA	.5533	6.7956E-05
28	33.868	135-TMB;2CLTOLUENE	0.2419	0.3754%	4,019.	463.87	2	NA	.5453	6.0194E-05
29	34.051	4-CHLOROTOLUENE	0.0637	0.1020%	1,030.	145.71	2	NA	.5920	6.3823E-05
30	35.037	TERT-BUTYL BENZENE	0.1008	0.1565%	957.	143.67	2	NA	.5270	1.0534E-04
31	35.154	124-3METHYL-BENZEN	0.1925	0.2213%	2,202.	370.60	2	NA	.5733	6.4730E-05
33	35.738	SEC-BUTYLBENZENE	0.0732	0.1136%	741.	143.52	1	NA	.5639	9.8749E-05
34	36.239	P-ISOPROPYLTOLUENE	0.0907	0.1407%	952.	187.51	1	NA	.5094	9.5187E-05
35	36.439	1,3-2CL-BENZENE	0.9891	1.5351%	13,389.	2,443.55	1	NA	.5066	7.3876E-05
36	36.840	1,4-2CL-BENZENE	0.9745	1.5124%	12,562.	2,350.54	1	NA	.5469	7.6959E-05
38	37.642	N-BUTYLBENZENE	0.1472	0.2285%	1,689.	224.75	1	NA	.5801	8.7130E-05
39	38.043	1,2-2CL-BENZENE	1.1722	1.8194%	13,091.	2,275.58	1	NA	.5295	8.9545E-05
51	43.721	124-TRICHLOROBENZE	0.1674	0.2597%	1,299.	233.56	1	NA	.4604	1.2883E-04
52	44.222	6CL-BUTADIENE	0.1116	0.1733%	731.	124.59	1	NA	.4552	1.5263E-04
53	44.606	NAPHTHALENE	0.3582	0.5560%	3,305.	571.58	1	NA	.4890	1.0838E-04
55	45.457	1,2,3-3CL-BENZENE	0.2128	0.3303%	1,703.	315.54	2	NA	.4428	1.2494E-04

TOTAL AMOUNT = 64.4309

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Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 4841 uv High Value: 56564 uv Scale factor: 1.0

QUINYL	15.08
	17.18
1,1-DI	11.69
T-1,2	13.64
C-1,2	16.05
1,1-2C	19.20
TRICHL	20.89
CIS-1	24.20
TRANS	25.45
	26.40
CHLORO	29.06
O-XYLE	30.84
ISOPRO	32.03
MPROPY	33.38
TERT-B	36.04
P-ISOP	36.24
N-BUTY	37.64
	38.98
	40.48
	41.73
1,2,3	43.09
1,2,3	44.61
	46.44
	47.96
REFERE	49.27

```

*****
* Sample Name: T303215-04 601/602 1X      Operator: EM      *
* Data File Name: A:AMF0229.ATB          *
* Date Taken: 03-22-1993 17:01:21      Original Method: AQL      *
* Interface: 8      Cycle#: 9      Channel#: 0      Vial#: N.A.      *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.78	4,897.	0.7583	1	357.	1.726	13.7
2	12.89	109,134.	16.9005	1	11,545.	38.457	9.5
3	17.12	1,602.	0.2481	1	219.	0.565	7.3
4	18.10	3,854.	0.5968	1	428.	1.358	9.0
5	21.26	9,915.	1.5355	1	1,073.	3.494	9.2
6	25.70	283,779.	43.9461	2	32,515.	100.000	8.7
7	26.52	32,207.	4.9876	2	2,963.	11.349	10.9
8	29.89	200,356.	31.0272	1	27,636.	70.603	7.2

Total Area: 645,743. Area Reject: 1

* Sample Name: T303215-04 601/602 1X Operator: EPI *
 * Data File Name: A:AMFQ29.ATB *
 * Date Taken: 03-22-1993 17:01:21 Original Method:ADCL *
 * Interface: B Cycle#: 9 Channel#: 0 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

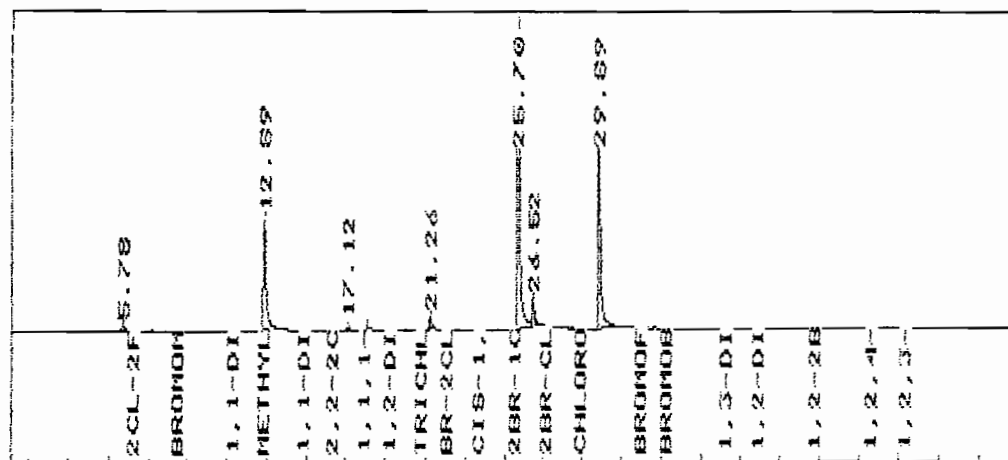
Data File Name: A:AMFQ29.ATB Sample Name: T303215-04 601/602 1X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF HEIGHT	INT. STD BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
2	12.892	METHYLENE CHLORIDE	1.4412	15.7729%	109,134.	11,545.	9.5	1	NA	NA	.5208	1.3206E-05
3	17.118	CHLOROFORM	~~0.0211~~	0.2308%	1,602.	219.	7.3	1	NA	NA	.9802	1.3163E-05
4	18.103	1,1,1-3CL-ETHANE	~~0.0548~~	0.6002%	3,854.	428.	9.0	1	NA	NA	1.025	1.4231E-05
5	21.259	1,2-2CLPROPANE	~~0.1575~~	2.0529%	9,915.	1,073.	9.2	1	NA	NA	-1.4691	1.8918E-05
6	25.701	2BR-1CL-PROPANE	10.0000	0.0000%	283,779.	32,515.	8.7	2	NA	NA	.7198	3.5239E-05
7	26.520	TETRACHLOROETHENE	~~0.5240~~	5.7347%	32,207.	2,963.	10.9	2	NA	NA	.8894	1.6270E-05
8	29.893	surrogate	5.9086	75.6065%	200,356.	27,636.	7.2	1	NA	NA	.6183	3.4482E-05

TOTAL AMOUNT = 9.1373

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Data File = A:\MFC229.PTS Printed on 04-06-1993 at 10:06:13
 Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 5041 uv High Value: 37613 uv Scale factor: 1.0



```

*****
* Sample Name: T303215-04 601/602 1X      Operator: EM      *
* Data File Name: A:BMPC229.ATB          *
* Date Taken: 03-22-1993 17:01:21      Original Method:ECCL  *
* Interface: 8      Cycle#: 9      Channel#: 1      Vial#: N.A. *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.56	221.	0.8843	1	51.	1.361	4.4
2	21.24	7,257.	28.9830	1	1,183.	44.605	6.1
3	24.63	264.	1.0524	1	44.	1.620	6.0
4	25.70	372.	1.4846	1	64.	2.285	5.8
5	26.47	295.	1.1764	1	50.	1.811	5.9
6	29.86	16,270.	64.9767	1	3,116.	100.000	5.2
7	37.22	361.	1.4425	1	46.	2.220	7.8

Total Area: 25,040. Area Reject: 1

* Sample Name: T303215-04 601/602 1X Operator: EM *
* Data File Name: A:EMR0229.ATB *
** Date Taken: 03-22-1993 17:01:21 Original Method: ECOL *
* Interface: 8 Cycle#: 9 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:EMR0229.ATB Sample Name: T303215-04 601/602 1X
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
2	21.242	surrogate	9.4827	93.4971%	7,257.	1,193.	6.1	1	NA	NA	.7923	1.3066E-03
3	24.632	TOLUENE	~~0.1267~~	1.2490%	264.	44.	6.0	1	NA	NA	.8202	4.8068E-04
5	26.470	TETRACHLOROETHENE	~~0.3052~~	3.0389%	295.	50.	5.9	1	NA	NA	.8269	1.0463E-03
6	29.860	1-CL-2-FL-BENZENE	10.0000	0.0000%	16,270.	3,116.	5.2	1	NA	NA	.6756	6.1461E-04
7	37.224	N-BUTYLBENZENE	~~0.2247~~	2.2150%	361.	46.	7.8	1	NA	NA	-.5354	6.2193E-04

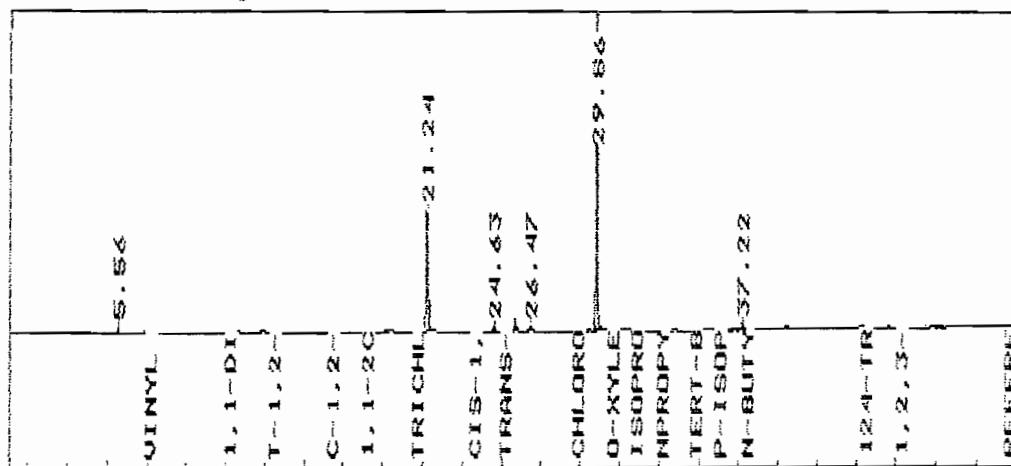
TOTAL AMOUNT = 10.1422

PL
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Data File = A:\BMR229.PTS Printed on 04-05-1993 at 10:06:46

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4850 uv High Value: 7584 uv Scale factor: 1.0



* Sample Name: T303215-05 601/602 1X Operator: EM *
* Data File Name: A:AMC1716.ATB *
* Date Taken: 03-18-1993 06:07:33 Original Method:ACCL *
* Interface: B Cycle#: 16 Channel#: 0 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.73	10,855.	1.6395	1	1,630.	5.341	6.7
2	10.82	147,870.	22.3346	1	12,164.	72.758	12.2
3	12.89	140,162.	21.1703	1	16,057.	68.966	8.7
4	18.04	3,007.	0.4542	1	387.	1.480	7.8
5	21.21	5,691.	0.8596	1	575.	2.800	9.9
6	25.63	203,234.	30.6969	1	23,477.	100.000	8.7
7	29.83	151,248.	22.8449	1	19,936.	74.421	7.6

Total Area: 662,068. Area Reject: 1

```

*****
* Sample Name: T303215-05 601/602 1X          Operator: EM      *
* Data File Name: A:APC1716.ATB                *
* Date Taken: 03-18-1993 06:07:33      Original Method:ACCL    *
* Interface: 8              Cycle#: 16        Channel#: 0      Vial#: N.A.  *
*****
AMOUNT INJECTED = 1    DILUTION FACTOR = 1    SAMPLE AMOUNT = 1
SAMPLE WEIGHT   = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

```

Data File Name: A:APC1716.ATB      Sample Name: T303215-05 601/602 1X
Area reject:      1      Sample Amount: 1
Amount injected:  1.00000      Dilution factor:      1.00000
Internal Standard Amount: 10
Sample Weight = 1

```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
3	12.892	METHYLENE CHLORIDE	1.7158	16.4134%	140,162.	16,057.	8.7	1	NA	1.2241E-05
4	18.036	1,1,1-3CL-ETHANE	~~0.0564~~	0.5397%	3,007.	387.	7.8	1	NA	1.8761E-05
5	21.209	TRICHLOROETHENE	~~0.1327~~	1.2695%	5,691.	575.	9.9	1	NA	2.3317E-05
6	25.634	2BR-1CL-PROPANE	10.0000	0.0000%	203,234.	23,477.	8.7	1	NA	4.9204E-05
7	29.826	surrogate	8.5485	81.7774%	151,248.	19,936.	7.6	1	NA	5.6520E-05

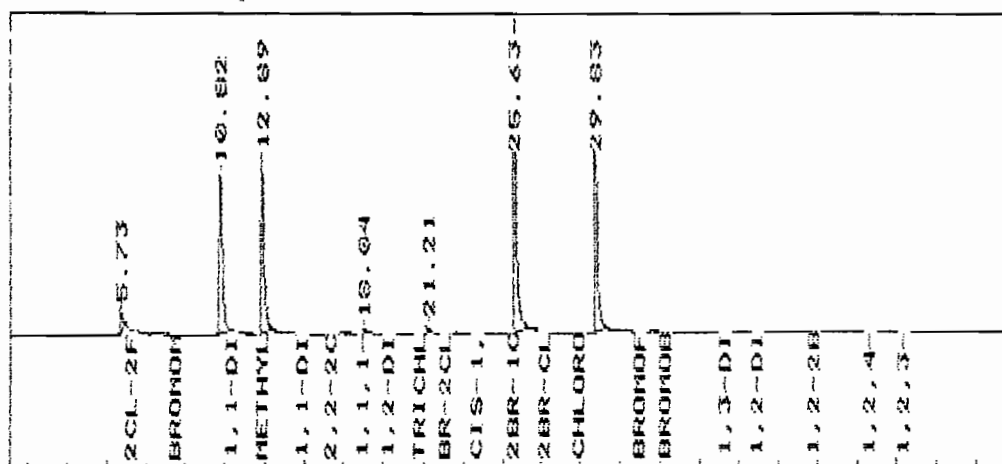
TOTAL AMOUNT = 10.4534

PL
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Data File = A:AMD1716.PTS Printed on 04-05-1993 at 10:39:23

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4975 uv High Value: 26561 uv Scale factor: 1.0



* Sample Name: T303215-05 601/602 1X Operator: EM1 *

* Data File Name: A:EMC1716.ATB *

* Date Taken: 03-18-1993 06:07:33 Original Method: ECDL *

* Interface: 8 Cycle#: 16 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.69	2,567.	6.8123	1	681.	11.642	3.8
2	12.88	241.	0.6345	1	39.	1.084	6.2
3	21.18	10,299.	27.1186	1	1,707.	46.344	6.0
4	24.55	1,568.	4.1291	1	276.	7.056	5.7
5	25.63	249.	0.6570	1	42.	1.123	5.9
6	29.44	558.	1.4683	1	98.	2.509	5.7
7	29.79	22,223.	58.5154	1	4,221.	100.000	5.3
8	35.84	253.	0.6649	1	45.	1.136	5.6

Total Area: 37,978. Area Reject: 1

* Sample Name: T303215-05 601/602 1X Operator: EM *
* Data File Name: A:BMD1716.ATB *
* Date Taken: 03-18-1993 06:07:33 Original Method: ECDL *
* Interface: B Cycle#: 16 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMD1716.ATB Sample Name: T303215-05 601/602 1X
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
3	21.176	surrogate	10.7001	91.0161%	10,299.	1,707. 6.0	1	NA	.4754	1.0389E-03
4	24.549	TOLUENE	~~0.4866~~	4.0880%	1,568.	276. 5.7	1	NA	.4784	3.0648E-04
5	25.634	TRANS-1,3-2CLPROPE	~~0.3148~~	2.6779%	249.	42. 5.9	1	NA	1.655	1.2618E-03
6	29.442	M,P-XYLENE	~~0.1477~~	1.2567%	558.	98. 5.7	1	NA	.4558	2.6495E-04
7	29.793	1-CL-2-FL-BENZENE	10.0000	0.0000%	22,223.	4,221. 5.3	1	NA	.4504	4.4999E-04
8	35.838	SEC-BUTYLBENZENE	~~0.1130~~	0.9613%	253.	45. 5.6	1	NA	.8458	4.4758E-04

TOTAL AMOUNT = 11.7563

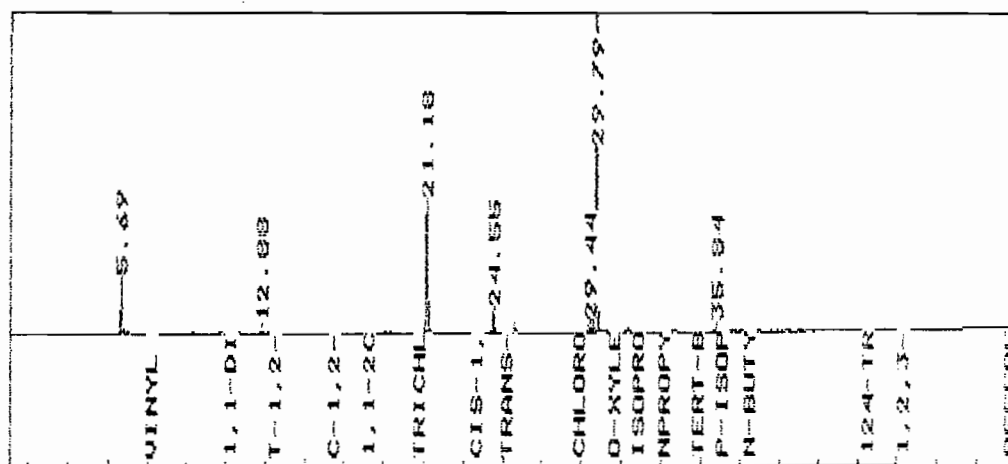
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000081

Data File = A:\MC1716.PTS Printed on 04-05-1993 at 10:40:18

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4821 uv High Value: 9060 uv Scale factor: 1.0



* Sample Name: BLANK Operator: EH *
* Data File Name: A:\HR173.ATB *
* Date Taken: 03-17-1993 10:08:22 Original Method:ADIL *
* Interface: 8 Cycle#: 3 Channel#: 0 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.81	4,024.	0.3780	1	510.	0.900	7.9
2	10.85	143,183.	13.4493	1	12,170.	32.020	11.8
3	12.93	447,168.	42.0027	1	53,180.	100.000	8.4
4	17.08	21,981.	2.0647	1	2,747.	4.916	8.0
5	18.07	7,452.	0.7028	1	729.	1.673	10.3
6	21.13	120.	0.0113	1	0.	0.027	0.0
7	25.67	256,498.	24.0930	3	27,101.	57.361	9.5
8	26.64	650.	0.0611	4	134.	0.145	4.9
9	29.86	183,075.	17.1963	1	23,087.	40.941	7.9
10	32.95	434.	0.0408	1	55.	0.097	7.9

Total Area: 1,064,616. Area Reject: 1

* Sample Name: BLANK Operator: EM *
* Data File Name: A:AMR173.ATB *
* Date Taken: 03-17-1993 10:06:22 Original Method:ACCL *
* Interface: B Cycle#: 3 Channel#: 0 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR173.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

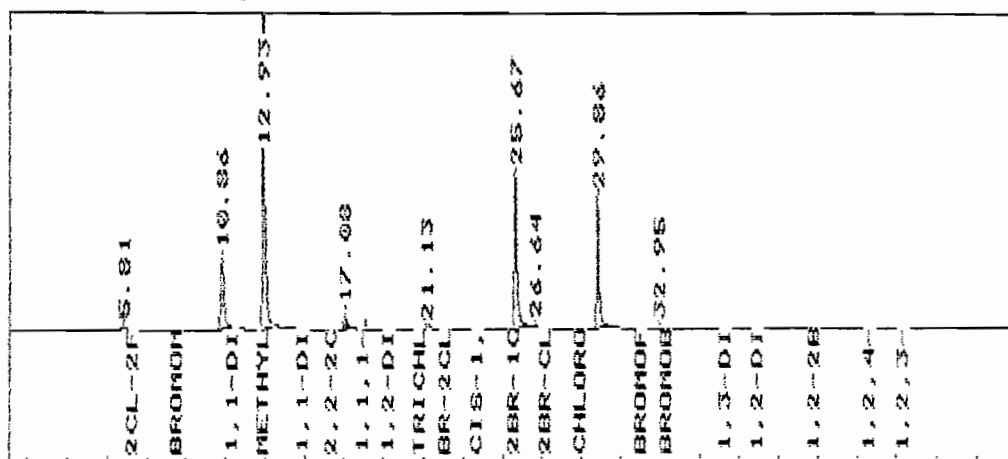
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF BL	INT. STD PEAK	% DELTA RET TIME	CONC/AREA		
3	12.926	METHYLENE CHLORIDE	4.3372	33.4029%	447,168.	53,180.	8.4	1	NA	NA	.7812	9.5992E-06
4	17.084	CHLOROFORM	~~0.3493~~	2.4051%	21,981.	2,747.	8.0	1	NA	NA	.7881	1.4207E-05
5	18.069	1,1,1-3CL-ETHANE	~~0.1112~~	0.8566%	7,482.	729.	10.3	1	NA	NA	.8387	1.4865E-05
6	21.125	TRICHLOROETHENE	~~0.0022~~	0.0171%	120.	0.	0.0	1	NA	NA	1.688	1.8475E-05
7	25.668	2BR-1CL-PROPANE	10.0000	0.0000%	256,498.	27,101.	9.5	3	NA	NA	.5890	3.8987E-05
8	26.636	1,3-2CL-PROPANE	~~0.0116~~	0.0895%	650.	134.	4.9	4	NA	NA	.8217	1.7370E-05
9	29.860	surrogate	8.1986	63.1417%	183,075.	23,087.	7.9	1	NA	NA	.5059	4.4783E-05
10	32.949	1,1,2,2-4CL-ETHANE	~~0.0113~~	0.0871%	434.	55.	7.9	1	NA	NA	.9207	2.6072E-05

TOTAL AMOUNT = 12.9845

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Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5018 uv High Value: 58452 uv Scale factor: 1.0



* Sample Name: BLANK Operator: EM *
 * Data File Name: A:EMR173.ATB *
 * Date Taken: 03-17-1993 10:08:22 Original Method:BCDL *
 * Interface: 8 Cycle#: 3 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.71	661.	1.2697	1	149.	2.317	4.4
2	12.93	1,029.	1.9758	1	135.	3.605	7.6
3	16.45	218.	0.4194	1	35.	0.765	6.3
4	21.21	13,374.	25.6774	1	2,197.	46.846	6.1
5	24.58	859.	1.6487	1	150.	3.008	5.7
6	25.65	312.	0.5993	1	51.	1.093	6.2
7	29.48	301.	0.5772	1	52.	1.053	5.8
8	29.83	28,548.	54.8120	1	5,463.	100.000	5.2
9	31.43	4,013.	7.7040	1	456.	14.055	8.8
10	37.21	2,181.	4.1882	1	232.	7.641	9.4
11	38.04	240.	0.4608	1	42.	0.841	5.8
12	44.62	348.	0.6676	1	53.	1.218	6.5

Total Area: 52,083. Area Reject: 1

 * Sample Name: BLANK Operator: EM *
 * Data File Name: A:SMR173.ATB *
 * Date Taken: 03-17-1993 10:08:22 Original Method:SCOL *
 * Interface: 8 Cycle#: 3 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:SMR173.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

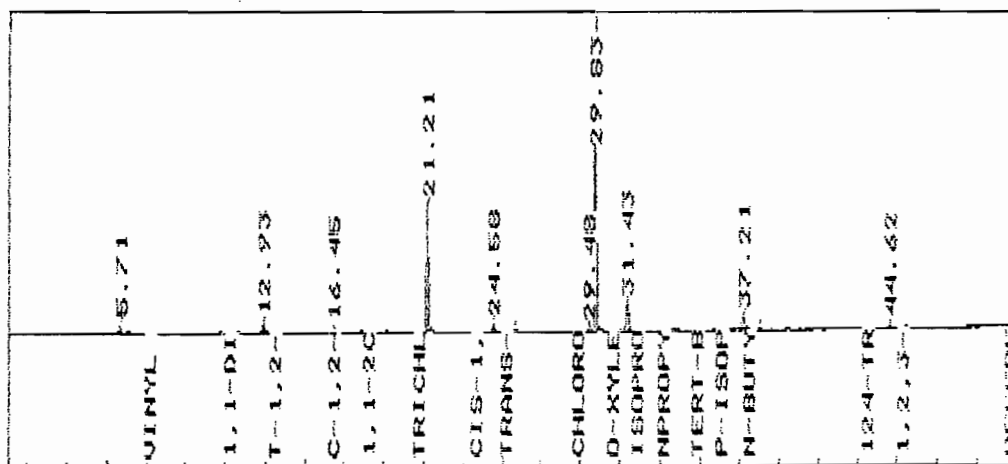
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
3	16.449	C-1,2-2CL-ETHENE	~~0.1104~~	0.9473%	218.	35.	6.3	1	NA	NA	-3.3036	5.2819E-04
4	21.209	surrogate	10.8160	79.4330%	13,374.	2,197.	6.1	1	NA	NA	.6339	8.0875E-04
5	24.582	TOLUENE	~~0.2047~~	1.5045%	959.	150.	5.7	1	NA	NA	.6151	2.3857E-04
6	25.651	TRANS-1,3-2CLPROPE	~~0.3065~~	2.2516%	312.	51.	6.2	1	NA	NA	1.721	9.8226E-04
7	29.476	M,P-XYLENE	~~0.0620~~	0.4553%	301.	52.	5.8	1	NA	NA	.5698	2.0625E-04
8	29.826	1-CL-2-FL-BENZENE	10.0000	0.0000%	28,548.	5,463.	5.2	1	NA	NA	.5630	3.5029E-04
9	31.429	ISOPROPYLBENZENE	~~1.3201~~	9.6952%	4,013.	456.	8.8	1	NA	NA	-1.362	3.2901E-04
10	37.208	1,4-2CL-BENZENE	~~0.5742~~	4.2171%	2,181.	232.	9.4	1	NA	NA	1.549	2.6324E-04
11	38.043	1,2-2CL-BENZENE	~~0.0758~~	0.5569%	240.	42.	5.8	1	NA	NA	.5295	3.1597E-04
12	44.622	NAPHTHALENE	~~0.1415~~	1.0390%	348.	53.	6.5	1	NA	NA	.5267	4.0692E-04

TOTAL AMOUNT = 13.6165

PL
4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4827 uv High Value: 10309 uv Scale factor: 1.0



* Sample Name: BLANK Operator: EM *
* Data File Name: A:\MR224.ATB *
* Date Taken: 03-22-1993 11:44:08 Original Method:ADCL *
* Interface: 8 Cycle#: 4 Channel#: 0 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	12.94	63.290.	16.1643	1	5,507.	35.491	11.5
2	21.26	10,950.	2.7966	1	1,243.	6.140	8.8
3	25.70	178,327.	45.5446	1	19,115.	100.000	9.3
4	29.89	138,976.	35.4945	1	19,154.	77.934	7.3

Total Area: 391,544. Area Reject: 1

```

*****
* Sample Name: BLANK                               Operator: EM      *
* Data File Name: A:AMR224.ATB                     *
* Date Taken: 03-22-1993 11:44:06   Original Method:ADCL          *
* Interface: 8           Cycle#: 4           Channel#: 0   Vial#: N.A. *
*****
AMOUNT INJECTED = 1   DILUTION FACTOR = 1   SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR224.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

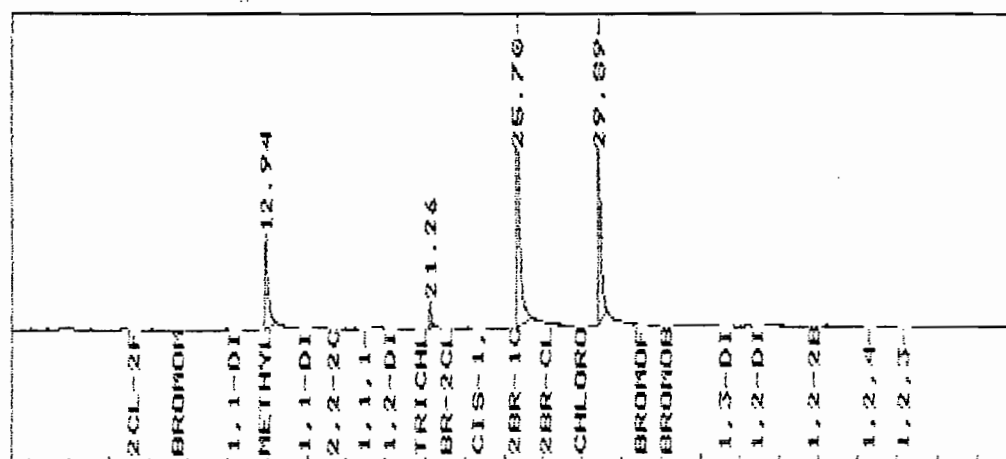
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA	
1	12.943	METHYLENE CHLORIDE	1.3301	14.3239%	63,290.	5,507.	11.5	1	NA	NA	.9114	2.1015E-05
2	21.259	1,2-DCLPROPANE	~~0.3276~~	3.5501%	10,950.	1,243.	8.3	1	NA	NA	-.4691	3.0105E-05
3	25.701	2BR-1CL-PROPANE	10.0000	0.0000%	178,327.	19,115.	9.3	1	NA	NA	.7198	5.6077E-05
4	29.893	surrogate	7.6259	82.1260%	138,976.	19,154.	7.3	1	NA	NA	.6183	5.4872E-05

TOTAL AMOUNT = 9.2856

AL
4/5/93

Data File = A:\MF0224.PTS Printed on 04-05-1993 at 10:05:10

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
Low Value: 5051 uv High Value: 24577 uv Scale factor: 1.0



* Sample Name: BLANK Operator: EM *
* Data File Name: A:EMR224.ATB *
* Date Taken: 03-22-1993 11:44:08 Original Method:BDL *
* Interface: S Cycle#: 4 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	21.24	5,652.	29.4214	1	944.	43.563	6.2
2	24.63	222.	1.1184	1	39.	1.656	5.7
3	25.70	201.	1.0126	1	35.	1.499	5.8
4	29.86	13,433.	67.5382	1	2,530.	100.000	5.3
5	44.64	181.	0.9093	1	31.	1.346	5.9

Total Area: 19,689. Area Reject: 1

 * Sample Name: BLANK Operator: EM *
 * Data File Name: A:EMFQ24.ATB *
 * Date Taken: 03-22-1993 11:44:08 Original Method: ECDL *
 * Interface: B Cycle#: 4 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:EMFQ24.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

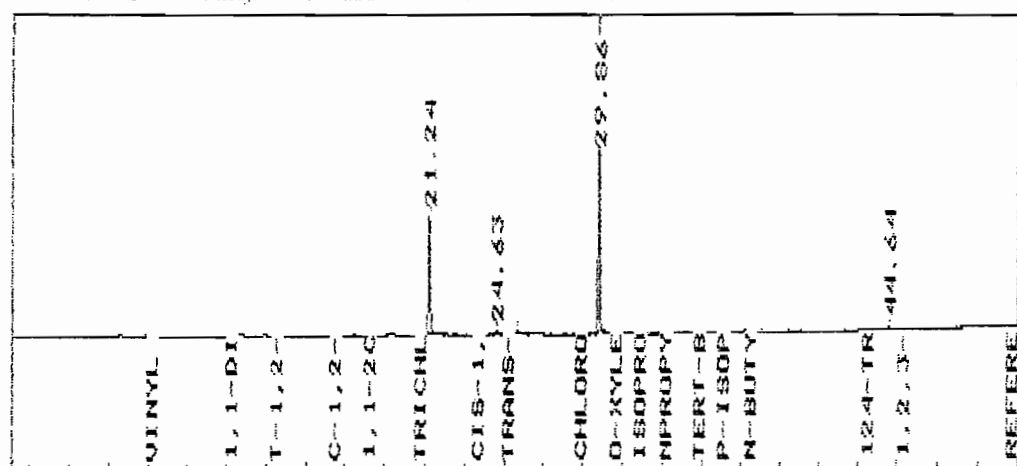
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF BL	INT. STD PEAK	% DELTA RET TIME	CONC/AREA		
1	21.242	surrogate	9.2610	96.6681%	5,852.	944.	6.2	1	NA	NA	.7923	1.5826E-03
2	24.632	TOLUENE	~~0.1293~~	1.3519%	222.	39.	5.7	1	NA	NA	.8202	5.8222E-04
4	29.860	1-CL-2-FL-BENZENE	10.0000	0.0000%	13,433.	2,530.	5.3	1	NA	NA	.6756	7.4445E-04
5	44.639	NAPHTHALENE	~~0.1897~~	1.9801%	181.	31.	5.9	1	NA	NA	.5643	1.0488E-03

TOTAL AMOUNT = 9.5802

PL
4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 4844 uv High Value: 7394 uv Scale factor: 1.0



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*****
* Sample Name: BLANK                      Operator: WJJ      *
* Data File Name: A:AMR245.ATB          *
* Date Taken: 03-24-1993 20:19:16      Original Method:ACOL *
* Interface: 8                          Cycle#: 5           Channel#: 0   Vial#: N.A. *
*****
AMOUNT INJECTED = 1    DILUTION FACTOR = 1    SAMPLE AMOUNT = 1
SAMPLE WEIGHT   = 1

```

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.96	3,272.	0.8914	1	153.	1.799	21.4
2	10.89	6,728.	1.8332	1	664.	3.700	10.1
3	12.94	26,817.	7.3064	1	2,529.	14.748	10.6
4	21.23	7,966.	2.1431	1	815.	4.326	9.7
5	25.67	181,826.	49.5401	3	18,450.	100.000	9.9
6	26.50	1,250.	0.3406	4	140.	0.688	8.9
7	29.84	139,270.	37.9452	1	17,056.	76.595	8.2

Total Area: 367,028. Area Reject: 1

* Sample Name: BLANK Operator: WJJ *

* Data File Name: A:AMF0245.ATB *

* Date Taken: 03-24-1993 20:19:16 Original Method: AOCCL *

* Interface: 8 Cycle#: 5 Channel#: 0 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMF0245.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA	
3	12.943	METHYLENE CHLORIDE	0.6138	7.8469%	26,817.	2,529.	10.6	1	NA	NA	.9114	2.2889E-05
4	21.226	TRICHLOROETHENE	~~0.1784~~	2.2805%	7,866.	815.	9.7	1	NA	NA	2.170	2.2680E-05
5	25.668	2BR-1CL-PROPANE	10.0000	0.0000%	181,826.	18,450.	9.9	3	NA	NA	.5890	5.4998E-05
6	26.503	TETRACHLOROETHENE	~~0.0295~~	0.3766%	1,250.	140.	8.9	4	NA	NA	.8259	2.3563E-05
7	29.843	surrogate	7.0008	89.4961%	139,270.	17,056.	8.2	1	NA	NA	.4496	5.0268E-05

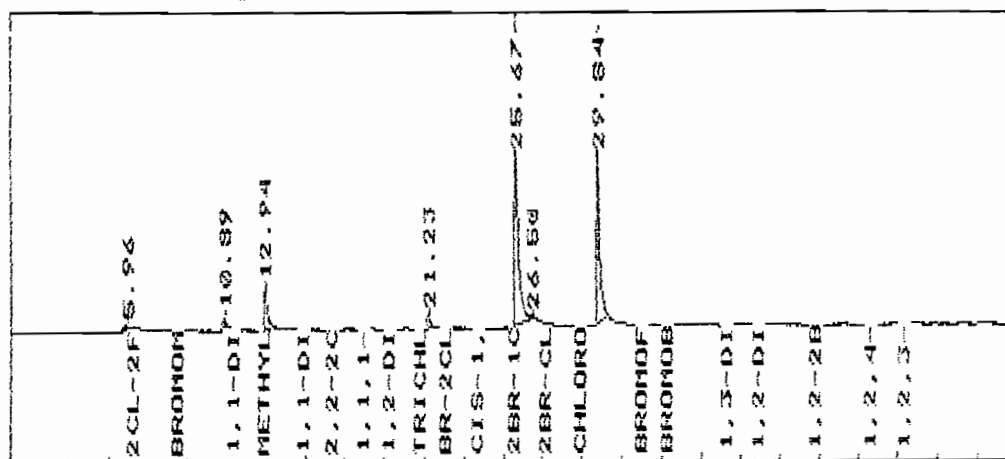
TOTAL AMOUNT = 7.8224

pc
4/5/93

Data File = A:AMF245.FTS Printed on 04-05-1993 at 09:57:40

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5026 uv High Value: 23632 uv Scale factor: 1.0



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*****
* Sample Name: BLANK                      Operator: WJJ      *
* Data File Name: A:\BMP0245.A73          *
* Date Taken: 03-24-1993 20:19:16         Original Method: ECDL *
* Interface: 8                            Cycle#: 5          Channel#: 1    Vial#: N.A. *
*****
AMOUNT INJECTED = 1    DILUTION FACTOR = 1    SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

PK No.	Ret. Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.69	2,973.	1.3556	1	443.	2.299	6.7
2	7.00	369.	0.1773	1	50.	0.301	7.8
3	11.64	945.	0.4308	1	84.	0.731	11.2
4	14.14	392.	0.1799	1	66.	0.303	5.9
5	16.53	768.	0.3500	1	79.	0.593	9.7
6	19.19	854.	0.3893	1	131.	0.660	6.5
7	21.19	57,137.	26.0530	1	9,305.	44.176	6.1
8	24.22	515.	0.2348	1	43.	0.398	12.1
9	24.58	1,499.	0.6835	1	236.	1.159	6.3
10	25.63	297.	0.1352	1	46.	0.229	6.5
11	26.40	326.	0.1487	1	59.	0.252	5.6
12	29.04	1,526.	0.6956	2	249.	1.180	6.1
13	29.23	1,063.	0.4938	2	165.	0.837	6.6
14	29.46	1,845.	0.8414	2	312.	1.427	5.9
15	29.81	129,337.	58.9749	1	24,066.	100.000	5.4
16	30.83	745.	0.3399	1	131.	0.576	5.7
17	31.08	428.	0.1951	1	52.	0.331	8.2
18	33.40	704.	0.3210	1	84.	0.544	8.4
19	33.85	413.	0.1885	1	78.	0.320	5.3
20	35.14	343.	0.1563	1	69.	0.265	5.0
21	35.35	564.	0.2664	1	101.	0.452	5.8
22	36.42	1,628.	0.7422	1	267.	1.259	6.1
23	36.82	1,679.	0.7657	2	274.	1.298	6.1
24	37.21	1,286.	0.5863	2	127.	0.994	10.1
25	37.61	243.	0.1110	1	42.	0.188	5.8
26	38.03	1,891.	0.8622	1	319.	1.462	5.9
27	39.38	2,039.	0.9298	1	230.	1.577	8.9
28	43.25	2,806.	1.2796	2	173.	2.170	16.2
29	43.74	739.	0.3369	2	100.	0.571	7.4
30	44.20	336.	0.1531	1	57.	0.260	5.9
31	44.61	2,462.	1.1226	1	343.	1.903	7.2
32	45.46	839.	0.3824	1	136.	0.648	6.2
33	46.44	260.	0.1183	1	40.	0.201	6.5

Total Area: 219,309. Area Reject: 1

* Sample Name: BLANK Operator: WJL *

* Data File Name: A:SMR245.ATB *

* Date Taken: 03-24-1993 20:19:16 Original Method:R00L *

* Interface: 8 Cycle#: 5 Channel#: 1 Vial#: N/A. *

*CLINT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

*SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:SMR245.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	HEIGHT	AREA/ HEIGHT	REF BL	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
3	11.640	1,1-DICHLOROETHENE	0.1584	1.3047%	945.	84.	11.2	1	NA	NA	1.6551E-04
5	16.533	0-1,2-2CL-ETHENE	0.0936	0.7975%	768.	79.	9.7	1	NA	NA	1.2455E-04
6	19.188	BENZENE	0.0456	0.3801%	854.	131.	6.5	1	NA	NA	5.3373E-05
7	21.192	surrogate	10.3058	85.9766%	57,137.	9,305.	6.1	1	NA	NA	1.8037E-04
9	24.582	TOLUENE	0.0886	0.6726%	1,499.	236.	6.3	1	NA	NA	5.3782E-05
10	25.634	TRANS-1,3-2CLPROPE	0.0667	0.5584%	297.	46.	6.5	1	NA	NA	2.2567E-04
11	26.403	TETRACHLOROETHENE	0.0385	0.3216%	326.	59.	5.6	1	NA	NA	1.1818E-04
12	29.041	CHLOROBENZENE	0.0797	0.6647%	1,526.	249.	6.1	2	NA	NA	5.2227E-05
13	29.225	ETHYLBENZENE	0.0651	0.5432%	1,083.	165.	6.6	2	NA	NA	6.0123E-05
14	29.459	M,P-XYLENE	0.0899	0.7502%	1,845.	312.	5.9	2	NA	NA	4.8730E-05
15	29.809	1-CL-2-FL-BENZENE	10.0000	0.0000%	129,337.	24,086.	5.4	1	NA	NA	7.7317E-05
16	30.828	O-XYLENE	0.0463	0.3866%	745.	131.	5.7	1	NA	NA	6.2168E-05
17	31.079	STYRENE	0.0200	0.1664%	428.	52.	8.2	1	NA	NA	4.6632E-05
18	33.400	NPROPYL-BROMOBENZE	0.0386	0.3221%	704.	84.	8.4	1	NA	NA	5.4842E-05
19	33.851	135-TMB;2CLTOLUENE	0.0201	0.1675%	413.	78.	5.3	1	NA	NA	4.8579E-05
20	35.137	124-3METHYL-BENZEN	0.0179	0.1493%	343.	69.	5.0	1	NA	NA	5.2239E-05
21	35.354	SEC-BUTYLBENZENE	0.0466	0.3884%	584.	101.	5.8	1	NA	NA	7.9693E-05
22	36.423	1,3-2CL-BENZENE	0.0970	0.8096%	1,628.	267.	6.1	1	NA	NA	5.9620E-05
23	36.823	1,4-2CL-BENZENE	0.1043	0.8701%	1,679.	274.	6.1	2	NA	NA	6.2108E-05
25	37.608	N-BUTYLBENZENE	0.0171	0.1428%	243.	42.	5.8	1	NA	NA	7.0316E-05
26	38.026	1,2-2CL-BENZENE	0.1366	1.1399%	1,891.	319.	5.9	1	NA	NA	7.2266E-05
29	43.737	124-TRICHLOROENZE	0.0768	0.6408%	739.	100.	7.4	2	NA	NA	1.0397E-04
30	44.205	6CL-BUTADIENE	0.0413	0.3449%	336.	57.	5.9	1	NA	NA	1.2318E-04
31	44.606	NAPHTHALENE	0.2153	1.7965%	2,462.	343.	7.2	1	NA	NA	8.7470E-05
32	45.457	1,2,3-3CL-BENZENE	0.0846	0.7055%	839.	136.	6.2	1	NA	NA	1.0083E-04

TOTAL AMOUNT = 11.9867

MC
4/5/93

099

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 4834 uv High Value: 28979 uv Scale factor: 1.0

VINYL	6.69	7.00
1,1-DI	11.64	
T-1,2	14.14	
C-1,2	16.53	
1,1-2C	19.19	
TRICHL	21.19	
CIS-1	24.21	
TRANS	25.63	
CHLORO	29.04	29.81
O-XYLE	30.83	
ISOPRO		
NPROPY	33.40	
TERI-B	35.14	
P-ISOP	36.42	
N-BUTY	37.61	
	39.30	
124-TR	43.25	
1,2,3	44.61	
	46.44	
REFERE		

* Sample Name: 1303215-01 S 8010/8020 10X Operator: SM *
 * Data File Name: A:AMF2315.ATB *
 * Date Taken: 05-24-1993 06:06:07 Original Method:ADCL *
 * Interface: 8 Cycle#: 15 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	6.01	18,701.	0.0284	1	2,033.	0.042	9.2
2	7.28	508.	0.0008	1	94.	0.001	5.4
3	10.89	6,708,158.	10.2043	2	554,452.	15.115	12.1
4	13.08	45,937.	0.0699	2	3,232.	0.104	14.0
5	14.26	191.	0.0003	1	121.	0.000	1.6
6	15.08	6,079.	0.0092	1	563.	0.014	10.4
7	16.75	1,108,913.	1.6869	3	126,681.	2.499	8.8
8	17.23	78,517.	0.1194	4	6,729.	0.177	11.7
9	18.10	626,975.	0.9537	3	71,642.	1.413	8.8
10	18.70	475.	0.0007	4	168.	0.001	2.8
11	19.12	644.	0.0010	1	101.	0.001	6.4
12	20.94	11,394,960.	17.3338	1	993,949.	25.676	11.5
13	22.85	473.	0.0007	2	235.	0.001	2.0
14	22.93	841.	0.0013	2	412.	0.002	2.0
15	23.71	706.	0.0011	1	181.	0.002	3.9
16	24.20	1,046.	0.0016	1	173.	0.002	6.0
17	24.48	560.	0.0009	1	100.	0.001	5.9
18	25.13	507.	0.0008	1	109.	0.001	4.7
19	25.77	228,281.	0.3473	2	18,755.	0.514	12.2
20	26.40	44,380,260.	67.5104	3	993,572.	100.000	44.7
21	29.39	231,483.	0.3521	4	12,010.	0.522	19.3
22	29.96	444,603.	0.6763	4	22,693.	1.002	19.6
23	30.83	155,140.	0.2360	4	4,280.	0.350	36.3
24	31.70	50,841.	0.0773	4	2,713.	0.115	18.7
25	32.15	28,495.	0.0433	4	1,630.	0.064	17.5
26	32.65	1,683.	0.0026	4	584.	0.004	2.9
27	33.35	6,167.	0.0094	1	1,057.	0.014	5.8
28	33.57	2,575.	0.0039	1	474.	0.006	5.4
29	33.83	683.	0.0010	1	261.	0.002	2.6
30	34.17	450.	0.0007	1	235.	0.001	1.9
31	35.00	5,939.	0.0090	1	400.	0.013	14.8
32	35.52	151,037.	0.2298	2	14,294.	0.340	10.6
33	36.87	7,227.	0.0110	2	482.	0.016	15.0
34	37.26	14,433.	0.0220	2	668.	0.033	21.6
35	37.93	2,128.	0.0032	1	334.	0.005	6.4
36	38.13	1,159.	0.0018	1	324.	0.003	3.6
37	38.79	3,827.	0.0058	1	322.	0.009	11.9
38	39.43	405.	0.0006	2	161.	0.001	2.5
39	39.55	1,863.	0.0028	2	250.	0.004	7.4
40	39.81	461.	0.0007	1	293.	0.001	1.6
41	40.46	1,913.	0.0029	2	302.	0.004	6.3
42	40.66	497.	0.0008	2	140.	0.001	3.5
43	40.81	973.	0.0015	2	264.	0.002	3.7
44	41.18	2,015.	0.0031	2	250.	0.005	8.1
45	41.42	642.	0.0010	2	119.	0.001	5.4
46	41.58	1,445.	0.0022	2	283.	0.003	5.1
47	41.92	1,511.	0.0023	1	125.	0.003	12.1
48	42.43	797.	0.0012	1	239.	0.002	3.3
49	42.65	2,157.	0.0033	1	232.	0.005	9.3

50	43.09	376.	0.0006	1	207.	0.001	1.8
51	43.17	472.	0.0007	2	160.	0.001	2.9
52	43.35	996.	0.0015	2	146.	0.002	6.8
53	43.57	612.	0.0009	1	233.	0.001	2.6
54	43.90	422.	0.0006	1	122.	0.001	3.5
55	44.32	3,412.	0.0052	1	478.	0.008	7.1
56	44.92	290.	0.0004	1	132.	0.001	2.2
57	45.17	173.	0.0003	1	78.	0.000	2.2
58	45.51	247.	0.0004	1	108.	0.001	2.3
59	45.72	413.	0.0006	1	126.	0.001	3.3
60	45.99	1,240.	0.0019	1	147.	0.003	8.5
61	46.09	300.	0.0005	1	149.	0.001	2.0
62	46.36	448.	0.0007	1	104.	0.001	4.3
63	46.84	421.	0.0006	1	124.	0.001	3.4
64	47.13	554.	0.0008	1	135.	0.001	4.1
65	47.75	662.	0.0010	1	145.	0.001	4.6
66	48.83	239.	0.0004	1	124.	0.001	1.9
67	49.21	165.	0.0003	1	86.	0.000	1.9
68	49.58	382.	0.0005	1	108.	0.001	3.2
69	50.03	400.	0.0006	1	103.	0.001	3.9
70	50.60	520.	0.0008	2	80.	0.001	6.5
71	50.85	405.	0.0006	2	104.	0.001	3.9

Total Area: 65,738,440. Area Reject: 1

 * Sample Name: T303215-01 S 8010/8020 10X Operator: ENI *
 * Data File Name: A:AMR2315.A7B *
 * Date Taken: 03-24-1993 06:00:07 Original Method:ADCL *
 * Interface: 8 Cycle#: 15 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

*** INTERNAL STANDARD TABLE ***

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR2315.A7B Sample Name: T303215-01 S 8010/8020 10X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF PEAK	INT. STD PEAK	% DELTA RET TIME	COND/AREA	
2	7.281	VINYL CHLORIDE	~~0.0150~~	0.0015%	508.	94. 5.4	1	NA	NA	.9259	3.1177E-05
4	13.076	METHYLENE CHLORIDE	0.7379	0.0699%	45,937.	3,282. 14.0	2	NA	NA	1.953	1.5063E-05
5	14.262	1,1,2-2CL-ETHENE	~~0.0035~~	0.0003%	191.	121. 1.6	1	NA	NA	5.562	1.8235E-05
6	15.080	1,1-DICHLOROETHANE	~~0.1135~~	0.0108%	6,079.	583. 10.4	1	NA	NA	1.574	1.8673E-05
7	16.750	0-1,2-2CL-ETHENE	~~18.0775~~	1.7128%	1,108,913.	126,681. 8.8	3	NA	NA	1.415	1.6302E-05
8	17.234	CHLOROFORM	~~1.0795~~	0.1014%	78,517.	6,729. 11.7	4	NA	NA	1.674	1.3633E-05
9	18.103	1,1,1-3CL-ETHANE	9.6314	0.9125%	626,975.	71,642. 8.8	3	NA	NA	1.025	1.5362E-05
10	18.704	CARBON TETRACHLORIDE	~~0.0057~~	0.0006%	475.	168. 2.8	4	NA	NA	.9918	1.2398E-05
11	19.122	1,2-DICHLOROETHANE	~~0.0121~~	0.0012%	644.	101. 6.4	1	NA	NA	-5212	1.8857E-05
12	20.942	TRICHLOROETHENE	186.7337	17.6923%	11,394,960.	993,949. 11.5	1	NA	NA	.8038	1.6387E-05
15	23.714	CIS-1,3-2CLPROPENE	~~0.0154~~	0.0015%	706.	181. 3.9	1	NA	NA	0	2.1804E-05
19	25.768	ZBR-1CL-PROPANE	10.0000	0.0000%	228,281.	18,755. 12.2	2	NA	NA	.9816	4.3806E-05
20	26.403	TETRACHLOROETHENE	813.3229	77.0590%	44,380,260.	993,572. 44.7	3	NA	NA	.4447	1.8326E-05
21	29.392	1112-ACLETHANE	~~2.8967~~	0.2744%	231,483.	12,010. 19.3	4	NA	NA	.9753	1.2514E-05
22	29.960	surrogate	20.1442	1.9086%	444,603.	22,693. 19.6	4	NA	NA	.8431	4.5308E-05
25	32.147	BROMOFORM	~~1.7148~~	0.1814%	28,495.	1,630. 17.5	4	NA	NA	.5221	6.7190E-05
26	32.649	1,1,2,2-4CL-ETHANE	~~0.0376~~	0.0036%	1,683.	584. 2.9	4	NA	NA	0	2.2340E-05
27	33.350	1,2,3-3CL-PROPANE	~~0.2217~~	0.0210%	6,167.	1,057. 5.8	1	NA	NA	.7060	3.5953E-05
29	33.834	2-CHLOROTOLUENE	~~0.0324~~	0.0031%	683.	261. 2.6	1	NA	NA	.3457	4.7440E-05
30	34.168	4-CHLOROTOLUENE	~~0.0132~~	0.0013%	450.	235. 1.9	1	NA	NA	.8378	2.9296E-05
33	36.874	1,4-DICHLOROBENZEN	~~0.1597~~	0.0151%	7,227.	482. 15.0	2	NA	NA	.5006	2.2091E-05
36	38.126	1,2-DICHLOROBENZEN	~~0.0298~~	0.0028%	1,159.	324. 3.6	1	NA	NA	.6170	2.5697E-05
43	40.815	1,2-ZBR-3-CLPROPAN	~~0.1926~~	0.0182%	973.	264. 3.7	2	NA	NA	.2050	1.9781E-04
54	43.904	1,2,4-3CL-BENZENE	~~0.0112~~	0.0011%	422.	122. 3.5	1	NA	NA	.7665	2.5491E-05
55	44.322	6CL-BUTADIENE	~~0.0542~~	0.0051%	3,412.	478. 7.1	1	NA	NA	.5683	1.5887E-05
58	45.508	1,2,3-3CL-BENZENE	~~0.0063~~	0.0006%	247.	108. 2.3	1	NA	NA	.4793	2.5613E-05

TOTAL AMOUNT = 1,055.4542

$\frac{PL}{4/5/93}$

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5006 uv High Value: 9999999 uv Scale factor: 1.0

2CL-2F	6.01
BROMIDE	7.28
1,1-DI	10.89
METHYL	13.08
1,1-DI	14.26
2,2-2C	16.75
1,1,1	18.10
1,2-DI	
TRICHL	20.94
BR-2CL	22.85
CIS-1	24.20
2BR-1C	25.77
2BR-CL	26.40
CHLORIDE	29.39
	30.83
BROMIDE	32.15
BROMIDE	33.35
	35.00
1,3-DI	36.87
1,2-DI	38.13
	39.43
1,2-2E	40.66
	41.92
1,2,4	43.09
1,2,3	44.32
	45.51
	46.84
	48.83
	50.03

* Sample Name: T303215-01 S 8010/8020 10X Operator: EM1 *
 * Data File Name: A:EMR2315.ATB *
 * Date Taken: 03-24-1993 06:06:07 Original Method:ECCL *
 * Interface: S Cycle#: 15 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.96	19,275.	0.0693	3	5,664.	0.096	3.4
2	6.38	188.	0.0007	4	38.	0.001	5.0
3	7.18	6,024.	0.0217	1	442.	0.030	13.6
4	10.89	12,574.	0.0452	1	1,152.	0.063	10.9
5	12.58	353.	0.0013	1	34.	0.002	10.5
6	13.68	2,595.	0.0093	2	409.	0.013	6.3
7	13.84	4,385.	0.0158	2	447.	0.022	9.8
8	15.05	1,427.	0.0051	2	179.	0.007	8.0
9	15.45	1,929.	0.0069	2	273.	0.010	7.1
10	16.33	256.	0.0009	1	40.	0.001	6.5
11	16.73	271,267.	0.9754	3	37,575.	1.357	7.2
12	17.82	2,586.	0.0093	4	195.	0.013	13.3
13	18.10	2,006.	0.0072	4	182.	0.010	11.0
14	19.27	5,507.	0.0198	2	835.	0.028	6.6
15	19.74	7,993.	0.0287	2	802.	0.040	10.0
16	20.67	616.	0.0022	2	89.	0.003	6.9
17	20.94	3,056,159.	10.9890	2	389,784.	15.290	7.8
18	22.55	1,074.	0.0039	1	136.	0.005	7.9
19	23.53	15,714.	0.0565	1	962.	0.079	16.0
20	24.33	4,163.	0.0150	2	407.	0.021	10.2
21	24.65	74,946.	0.2695	3	8,663.	0.375	8.7
22	25.02	3,820.	0.0137	4	380.	0.019	10.1
23	25.57	454.	0.0016	2	54.	0.002	8.4
24	25.82	5,318.	0.0191	2	406.	0.027	13.1
25	26.45	19,987,700.	71.8695	3	995,023.	100.000	20.1
26	28.36	10,050.	0.0361	4	801.	0.050	12.5
27	28.59	10,760.	0.0387	4	837.	0.054	12.9
28	28.87	15,797.	0.0568	4	1,417.	0.079	11.1
29	29.29	602,776.	2.1674	2	89,383.	3.016	6.7
30	29.54	1,195,263.	4.2978	2	173,203.	5.980	6.9
31	29.91	137,434.	0.4942	3	18,547.	0.688	7.4
32	30.24	1,740.	0.0063	4	245.	0.009	7.1
33	30.38	2,511.	0.0090	4	309.	0.013	8.1
34	30.51	3,181.	0.0114	4	350.	0.016	9.1
35	30.64	1,894.	0.0068	4	273.	0.009	6.9
36	30.89	1,035,444.	3.7231	3	160,372.	5.180	6.5
37	31.45	5,280.	0.0190	4	645.	0.026	8.2
38	31.65	4,429.	0.0159	2	515.	0.022	8.6
39	32.08	5,329.	0.0192	1	1,003.	0.027	5.3
40	32.82	4,146.	0.0149	2	485.	0.021	8.5
41	33.02	11,456.	0.0412	2	1,284.	0.057	8.9
42	33.38	10,433.	0.0375	2	1,348.	0.052	7.7
43	33.75	26,644.	0.0958	2	3,796.	0.133	7.0
44	33.90	26,114.	0.0939	2	4,454.	0.131	5.9
45	34.55	6,445.	0.0232	2	555.	0.032	11.6
46	34.74	13,458.	0.0484	2	2,058.	0.067	6.5
47	35.17	34,427.	0.1238	2	4,437.	0.172	7.8
48	35.35	11,327.	0.0407	2	1,436.	0.057	7.9
49	35.52	6,680.	0.0247	2	833.	0.034	8.3

50	35.75	4,845.	0.0174 2	733.	0.024	6.4
51	35.89	4,545.	0.0163 2	709.	0.023	6.4
52	36.04	2,962.	0.0107 2	492.	0.015	6.0
53	36.16	7,236.	0.0262 2	1,090.	0.036	6.7
54	36.26	5,848.	0.0210 2	973.	0.029	6.0
55	36.47	2,845.	0.0102 2	362.	0.014	7.9
56	36.74	31,505.	0.1133 2	4,241.	0.158	7.4
57	37.06	7,814.	0.0281 2	1,053.	0.039	7.4
58	37.27	19,680.	0.0708 2	2,443.	0.098	8.1
59	37.39	34,899.	0.1255 2	5,123.	0.175	8.8
60	37.52	11,567.	0.0416 2	1,890.	0.058	6.1
61	37.68	50,090.	0.1801 2	5,906.	0.251	8.5
62	38.09	8,298.	0.0298 2	1,070.	0.042	7.8
63	38.23	15,175.	0.0546 2	2,314.	0.076	6.6
64	38.59	8,227.	0.0296 2	1,430.	0.041	5.8
65	38.69	12,929.	0.0465 2	2,059.	0.065	6.2
66	38.98	20,808.	0.0748 1	3,684.	0.104	5.6
67	39.26	18,484.	0.0665 2	2,773.	0.092	6.7
68	39.43	13,163.	0.0473 2	1,922.	0.066	6.8
69	39.76	1,237.	0.0044 1	253.	0.006	4.9
70	40.11	24,069.	0.0865 2	3,129.	0.120	7.7
71	40.21	15,644.	0.0562 2	2,484.	0.078	6.3
72	40.50	26,202.	0.0942 2	4,465.	0.131	5.9
73	40.75	8,846.	0.0318 2	1,292.	0.044	6.8
74	40.97	16,096.	0.0579 2	2,537.	0.081	6.3
75	41.15	11,322.	0.0407 2	1,595.	0.057	7.1
76	41.32	13,563.	0.0488 2	1,689.	0.068	8.0
77	41.53	2,980.	0.0107 2	509.	0.015	5.9
78	41.70	16,566.	0.0596 2	1,943.	0.083	8.5
79	42.03	37,669.	0.1354 3	4,091.	0.188	9.2
80	42.22	2,633.	0.0095 4	557.	0.013	4.7
81	42.35	20,410.	0.0734 2	3,028.	0.102	6.7
82	42.50	10,596.	0.0381 2	1,364.	0.053	7.8
83	42.67	11,865.	0.0427 2	1,037.	0.059	11.4
84	42.97	3,439.	0.0124 2	510.	0.017	6.7
85	43.12	12,347.	0.0444 2	1,699.	0.062	7.3
86	43.32	23,442.	0.0843 2	2,345.	0.117	10.0
87	43.47	9,269.	0.0333 2	1,463.	0.046	6.3
88	43.67	14,083.	0.0506 2	1,346.	0.070	10.5
89	43.89	25,971.	0.0934 2	2,392.	0.130	10.9
90	44.15	18,895.	0.0679 2	1,592.	0.095	11.9
91	44.41	11,387.	0.0409 2	1,309.	0.057	8.7
92	44.61	32,253.	0.1160 2	4,950.	0.161	6.5
93	44.77	16,717.	0.0601 2	1,710.	0.084	9.8
94	44.91	11,972.	0.0430 2	1,400.	0.060	8.6
95	45.32	38,711.	0.1392 2	2,719.	0.194	14.2
96	45.51	9,917.	0.0357 2	1,276.	0.050	7.8
97	45.71	15,569.	0.0560 2	1,512.	0.078	10.3
98	45.84	8,699.	0.0313 2	1,239.	0.044	7.0
99	45.99	13,551.	0.0487 2	1,627.	0.068	8.3
100	46.19	15,813.	0.0569 2	1,452.	0.079	10.9
101	46.44	24,822.	0.0893 2	2,199.	0.124	11.3
102	46.81	50,409.	0.1813 2	2,567.	0.252	19.6
103	47.19	20,434.	0.0735 2	2,007.	0.102	10.2
104	47.29	17,935.	0.0645 2	1,967.	0.090	9.1
105	47.49	6,939.	0.0250 2	943.	0.035	7.4
106	47.68	21,437.	0.0771 2	1,702.	0.107	12.6
107	48.00	32,827.	0.1180 2	2,471.	0.164	13.3
108	48.28	15,831.	0.0569 2	2,004.	0.079	7.9
109	48.41	29,844.	0.1073 2	3,080.	0.149	9.7
110	48.60	18,827.	0.0677 2	2,083.	0.094	9.0
111	48.78	30,539.	0.1098 2	2,411.	0.153	12.7
112	49.10	11,329.	0.0407 2	945.	0.057	12.0
113	49.28	20,730.	0.0745 2	2,495.	0.104	8.3
114	49.43	12,320.	0.0443 2	1,485.	0.062	8.3
115	49.58	8,412.	0.0302 2	1,043.	0.042	8.1

116	49.73	3,240.	0.0128	2	700.	0.025	7.5
117	49.98	11,696.	0.0421	2	905.	0.059	12.9
118	50.18	5,092.	0.0183	2	465.	0.025	11.0
119	50.37	5,775.	0.0208	2	473.	0.029	12.2
120	50.80	6,420.	0.0231	1	694.	0.032	9.3

Total Area: 27,811,110. Area Reject: 1

* Sample Name: T303215-01 S 8010/8020 10X Operator: cjl *

* Data File Name: A:\B\FQ2315.ATB *

* Date Taken: 03-24-1993 06:06:07 Original Method: BOLL *

* Interface: B Cycle#: 15 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:\B\FQ2315.ATB Sample Name: T303215-01 S 8010/8020 10X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	HEIGHT	AREA/ HEIGHT	REF BL	INT. STD PEAK	% DELTA RET TIME	COND/AREA
3	7.181	VINYL CHLORIDE	~~0.3043~~	0.5012%	6,024.	442.	13.6	1	NA	.9725	5.0022E-05
10	16.333	O-1,2-DCL-ETHENE	~~0.0029~~	0.0049%	256.	40.	6.5	1	NA	-.3806	1.1486E-05
13	18.103	1,1-DCL-PROPENE	~~0.0292~~	0.0486%	2,006.	182.	11.0	4	NA	-.3730	1.4556E-05
17	20.942	surrogate	57.3801	95.4355%	3,056,159.	389,784.	7.8	2	NA	0	1.8775E-05
19	23.530	CIS-1,3-DCLPROPENE	~~0.2655~~	0.6079%	15,714.	982.	16.0	1	NA	0	2.3258E-05
20	24.332	TOLUENE	~~0.0203~~	0.0338%	4,163.	407.	10.2	2	NA	.2252	4.8836E-06
22	25.017	TRANS-1,3-DCLPROPE	~~0.0785~~	0.1305%	3,820.	380.	10.1	4	NA	-.1618	2.0545E-05
24	25.818	TETRACHLOROETHENE	~~0.0597~~	0.0993%	5,318.	406.	13.1	2	NA	-1.026	1.1229E-05
27	29.590	CHLOROBENZENE	~~0.0508~~	0.0845%	10,760.	837.	12.9	4	NA	-.4091	4.7205E-06
28	29.974	ETHYLBENZENE	~~0.0853~~	0.1439%	15,797.	1,417.	11.1	4	NA	0	5.4751E-06
30	29.542	1-CL-2-FL-BENZENE	10.0000	0.0000%	1,195,263.	173,203.	6.9	2	NA	0	8.3664E-06
34	30.511	O-XYLENE	~~0.0182~~	0.0303%	3,181.	350.	9.1	4	NA	-.1508	5.7321E-06
35	30.645	STYRENE	~~0.0079~~	0.0132%	1,894.	273.	6.9	4	NA	-.3165	4.1854E-06
38	31.647	ISOPROPYLBENZENE	~~0.0314~~	0.0521%	4,429.	515.	8.6	2	NA	-.2683	7.0781E-06
41	33.016	MPROPYL-BROMOBENZE	~~0.0556~~	0.0925%	11,456.	1,284.	8.9	2	NA	-.1598	4.8559E-06
42	33.383	135-THB;2CLTOLUENE	~~0.0441~~	0.0734%	10,433.	1,348.	7.7	2	NA	-.5002	4.2317E-06
43	33.751	4-CHLOROTOLUENE	~~0.1264~~	0.2103%	26,644.	3,796.	7.0	2	NA	0	4.7448E-06
46	34.736	TERT-BUTYL BENZENE	~~0.1032~~	0.1717%	13,458.	2,058.	6.5	2	NA	0	7.6711E-06
48	35.354	SEC-BUTYLBENZENE	~~0.0831~~	0.1415%	11,327.	1,436.	7.9	2	NA	-.1232	7.5133E-06
51	35.888	P-ISOPROPYLTOLUENE	~~0.0323~~	0.0537%	4,545.	709.	6.4	2	NA	0	7.1058E-06
52	36.039	1,3-DCL-BENZENE	~~0.0157~~	0.0261%	2,962.	492.	6.0	2	NA	-.2054	5.2878E-06
55	36.473	1,4-DCL-BENZENE	~~0.0159~~	0.0264%	2,845.	362.	7.9	2	NA	0	5.5765E-06
58	37.274	N-BUTYLBENZENE	~~0.1263~~	0.2101%	19,580.	2,443.	8.1	2	NA	0	6.4190E-06
61	37.675	1,2-DCL-BENZENE	~~0.0273~~	0.0444%	50,090.	5,906.	8.5	2	NA	0	6.5349E-06
96	43.320	124-TRICHLOROBENZE	~~0.2163~~	0.3597%	23,442.	2,345.	10.0	2	NA	0	9.2261E-06
89	43.888	DCL-BUTADIENE	~~0.2043~~	0.5011%	25,971.	2,392.	10.9	2	NA	.0910	1.1601E-05
90	44.155	NAPHTHALENE	~~0.1031~~	0.2248%	18,895.	1,592.	11.9	2	NA	-.1330	7.1518E-06
94	44.906	1,2,3-DCL-BENZENE	~~0.1074~~	0.1786%	11,972.	1,400.	8.6	2	NA	-.3822	8.9711E-06
119	50.367	REFERENCE	10.0000	0.0000%	5,775.	473.	12.2	2	NA	-.4296	1.7317E-03

TOTAL AMOUNT = 60.1245

RL
4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4836 uv High Value: 999999 uv Scale factor: 1.0

5.96	
7.18	VINYL
10.89	1,1-DI
12.58	
13.84	T-1,2
15.05	
16.33	C-1,2
17.82	1,1-2
19.27	
20.47	TRICHL
22.55	
24.33	CIS-1
25.57	TRANS
26.45	
28.34	CHLORO
29.54	O-XYLE
30.89	ISOPRO
32.82	MPROPY
34.55	TERT-B
35.75	P-ISOP
37.04	N-BUTY
38.59	
39.74	
41.15	
42.55	
43.67	1,2,3-T
44.91	
46.19	
47.49	
48.78	
49.98	REFERE

```

*****
* Sample Name: T303215-02 G 8010/8020 100X      Operator: EM      *
* Data File Name: A:\MFQ2316.ATB                  *
* Date Taken: 03-24-1993 07:09:36      Original Method:ACCL      *
* Interface: 8      Cycle#: 16      Channel#: 0      Vial#: N.A.    *
*****
4MOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.74	15,124.	0.0855	1	1,471.	0.089	10.3
2	7.11	377.	0.0021	1	75.	0.002	5.0
3	10.92	9,925.	0.0561	1	844.	0.058	11.8
4	12.99	31,389.	0.1775	1	2,495.	0.184	12.6
5	14.16	248.	0.0014	1	55.	0.001	4.5
6	16.75	227.	0.0013	1	72.	0.001	3.2
7	17.18	3,409.	0.0193	1	393.	0.020	8.7
8	18.10	22,458.	0.1270	1	2,298.	0.132	9.8
9	18.75	371.	0.0021	1	96.	0.002	3.8
10	19.51	377.	0.0021	1	74.	0.002	5.1
11	20.98	54,329.	0.3072	2	6,624.	0.319	8.2
12	21.29	34,233.	0.1936	2	3,254.	0.201	10.5
13	25.72	201,525.	1.1397	1	23,364.	1.183	8.6
14	26.44	17,029,130.	96.3025	3	993,644.	100.000	17.1
15	27.89	65,791.	0.3721	4	3,798.	0.386	17.3
16	28.92	3,965.	0.0224	1	416.	0.023	9.5
17	29.93	191,054.	1.0804	1	20,235.	1.122	9.4
18	31.56	241.	0.0014	1	172.	0.001	1.4
19	31.80	2,683.	0.0152	1	322.	0.016	8.3
20	32.30	781.	0.0044	2	198.	0.005	4.0
21	32.50	3,646.	0.0206	2	260.	0.021	14.0
22	32.83	548.	0.0031	2	143.	0.003	3.8
23	32.98	1,841.	0.0104	1	282.	0.011	6.5
24	33.47	843.	0.0048	1	203.	0.005	4.2
25	33.72	502.	0.0028	1	147.	0.003	3.4
26	34.94	518.	0.0029	1	86.	0.003	6.0
27	35.50	733.	0.0041	1	134.	0.004	5.5
28	36.04	262.	0.0015	1	99.	0.002	2.7
29	37.04	1,351.	0.0076	2	177.	0.008	7.6
30	37.21	1,393.	0.0079	2	146.	0.008	9.6
31	38.21	872.	0.0049	1	121.	0.005	7.2
32	39.26	1,963.	0.0111	1	185.	0.012	10.6
33	40.00	180.	0.0010	1	67.	0.001	2.7
34	40.55	678.	0.0038	1	61.	0.004	11.1

Total Area: 17,682,964. Area Reject: 1

* Sample Name: T303215-02 S 8010/8020 100X Operator: EM *
 * Data File Name: A:AMFZ316.ATB *
 * Date Taken: 03-24-1993 07:09:36 Original Method:ADCL *
 * Interface: B Cycle#: 16 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMFZ316.ATB Sample Name: T303215-02 S 8010/8020 100X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF HEIGHT	INT. STD BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
2	7.114	CHLOROMETHANE	0.0374	0.0101%	377.	75.	5.0	1	NA	NA	1.428	9.9387E-05
4	12.993	METHYLENE CHLORIDE	0.5711	0.1536%	31,389.	2,495.	12.6	1	NA	NA	1.302	1.8196E-05
5	14.162	1,1,2-2CL-ETHENE	0.0051	0.0014%	248.	55.	4.5	1	NA	NA	4.820	2.0656E-05
6	16.750	0-1,2-2CL-ETHENE	0.0042	0.0011%	227.	72.	3.2	1	NA	NA	1.415	1.8466E-05
7	17.184	CHLOROFORM	0.0526	0.0142%	3,409.	393.	9.7	1	NA	NA	1.377	1.5444E-05
8	18.103	1,1,1-3CL-ETHANE	0.3908	0.1051%	22,458.	2,298.	9.8	1	NA	NA	1.025	1.7401E-05
9	18.754	CARBON 4CHLORIDE	0.0052	0.0014%	371.	96.	3.8	1	NA	NA	1.262	1.4044E-05
10	19.506	1,2-DICHLORETHANE	0.0080	0.0022%	377.	74.	5.1	1	NA	NA	1.476	2.1361E-05
11	20.975	TRICHLOROETHENE	1.0085	0.2712%	54,329.	6,624.	8.2	2	NA	NA	.9646	1.8563E-05
12	21.293	1,2-2CLPROPANE	0.7890	0.2121%	34,233.	3,254.	10.5	2	NA	NA	-.3127	2.3048E-05
13	25.718	2BR-1CL-PROPANE	10.0000	0.0000%	201,525.	23,364.	8.6	1	NA	NA	.7853	4.9622E-05
14	26.436	TETRACHLOROETHENE	353.5151	95.0469%	17,029,130.	993,644.	17.1	3	NA	NA	.5717	2.0759E-05
15	27.889	1,2-DIBROMOETHANE	5.1523	1.3853%	65,791.	3,798.	17.3	4	NA	NA	.7237	7.8315E-05
16	28.924	CHLOROBENZENE	0.2381	0.0640%	3,965.	416.	9.5	1	NA	NA	0	6.0062E-05
17	29.926	surrogate	9.8056	2.6364%	191,054.	20,235.	9.4	1	NA	NA	.7307	5.1324E-05
20	32.298	BROMOFORM	0.0595	0.0160%	781.	198.	4.0	2	NA	NA	.9921	7.6111E-05
22	32.832	1,1,2,2-4CL-ETHANE	0.0139	0.0037%	548.	143.	3.8	2	NA	NA	.5626	2.5306E-05
24	33.467	BROMOBENZENE	0.0426	0.0114%	843.	203.	4.2	1	NA	NA	.5009	5.0512E-05
25	33.717	2-CHLOROTOLUENE	0.0270	0.0073%	502.	147.	3.4	1	NA	NA	0	5.3739E-05
29	37.041	1,4-DICHLOROBENZEN	0.0338	0.0091%	1,351.	177.	7.6	2	NA	NA	.9558	2.5024E-05
31	38.210	1,2-DICHLOROBENZEN	0.0254	0.0068%	872.	121.	7.2	1	NA	NA	.8373	2.9109E-05
34	40.548	1,2-2BR-3-CLPROPAN	0.1520	0.0409%	678.	61.	11.1	1	NA	NA	-.4510	2.2407E-04

TOTAL AMOUNT = 17.1337

AL
4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5189 uv High Value: 999999 uv Scale factor: 1.0

2CL-2F	5.74
BRONCH	7.11
1,1-DI	10.92
METHYL	12.99
1,1-DI	
2,2-2C	14.75
1,1-1	16.10
1,2-DI	19.51
TRICHL	20.98
BR-2CL	
CIS-1	
2BR-1C	25.72
2BR-CL	26.44
CHLORO	27.89
	29.93
BRONCH	31.56
BRONCH	32.83
	34.94
1,3-DI	37.04
1,2-DI	39.26
1,2-2E	40.55
1,2,4	
1,2,5	

* Sample Name: T303215-02 S 8010/8020 100X Operator: EM *
 * Data File Name: A:EMP2316.ATB *
 * Date Taken: 03-24-1993 07:09:36 Original Method:BDCL *
 * Interface: 8 Cycle#: 16 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.69	13,360.	0.1323	3	2,849.	0.212	4.7
2	6.13	748.	0.0074	4	91.	0.012	8.2
3	7.03	2,846.	0.0282	1	211.	0.045	13.5
4	11.71	4,169.	0.0413	1	265.	0.066	15.8
5	13.44	24,285.	0.2406	1	2,435.	0.386	10.0
6	14.25	480.	0.0048	1	64.	0.006	7.5
7	14.93	371.	0.0037	1	47.	0.006	7.9
8	16.20	692.	0.0069	1	74.	0.011	9.4
9	16.67	3,744.	0.0371	1	310.	0.059	12.1
10	17.59	950.	0.0094	1	101.	0.015	9.4
11	18.49	309.	0.0031	1	49.	0.005	6.3
12	19.27	2,394.	0.0237	1	367.	0.038	6.5
13	20.94	13,652.	0.1352	2	2,256.	0.217	6.1
14	21.28	60,934.	0.6036	2	9,523.	0.968	6.4
15	23.90	357.	0.0035	1	52.	0.006	6.9
16	24.27	1,102.	0.0109	1	131.	0.017	8.4
17	24.65	5,992.	0.0594	1	937.	0.095	6.4
18	25.70	373.	0.0037	1	55.	0.006	6.7
19	26.47	6,296,236.	62.3674	1	912,361.	100.000	6.9
20	28.36	655.	0.0065	2	80.	0.010	8.2
21	28.62	995.	0.0099	2	156.	0.016	6.4
22	28.89	2,368.	0.0235	2	273.	0.038	8.7
23	29.11	1,726.	0.0171	2	290.	0.027	5.9
24	29.29	3,527.	0.0349	2	578.	0.056	6.1
25	29.53	11,489.	0.1138	2	1,878.	0.182	6.1
26	29.88	152,985.	1.5154	3	26,752.	2.430	5.7
27	30.24	1,054.	0.0104	4	152.	0.017	6.9
28	30.53	6,298.	0.0624	2	552.	0.100	11.4
29	30.91	17,805.	0.1764	2	1,528.	0.283	11.6
30	31.10	7,152.	0.0708	2	776.	0.114	9.2
31	31.28	5,338.	0.0529	2	634.	0.085	8.4
32	31.46	3,826.	0.0379	2	429.	0.061	8.9
33	31.76	5,677.	0.0562	2	559.	0.090	10.2
34	32.08	5,290.	0.0524	2	801.	0.084	6.6
35	32.21	15,155.	0.1501	2	2,295.	0.241	6.6
36	32.60	349.	0.0035	2	86.	0.006	4.0
37	32.83	12,104.	0.1199	2	1,382.	0.192	8.8
38	33.02	48,159.	0.4770	2	4,381.	0.765	11.0
39	33.55	14,834.	0.1469	2	1,219.	0.236	12.2
40	33.78	34,880.	0.3455	2	3,629.	0.554	9.6
41	33.90	25,589.	0.2535	2	3,473.	0.406	7.4
42	34.08	14,780.	0.1464	2	1,446.	0.235	10.2
43	34.39	5,612.	0.0556	2	789.	0.089	7.1
44	34.57	21,486.	0.2128	2	2,119.	0.341	10.1
45	34.75	19,115.	0.1893	2	2,373.	0.304	8.1
46	35.17	71,074.	0.7040	2	6,158.	1.129	11.5
47	35.35	42,490.	0.4209	2	4,822.	0.675	8.8
48	35.55	13,951.	0.1382	2	1,673.	0.222	8.3
49	35.74	11,575.	0.1147	2	1,687.	0.184	6.9

50	35.71	5,723.	0.0387 2	1,018.	0.074	3.5
51	36.04	47,462.	0.4701 2	3,406.	0.754	13.9
52	36.47	20,396.	0.2020 2	2,080.	0.324	9.8
53	36.74	35,964.	0.3562 2	4,796.	0.571	7.5
54	36.92	23,802.	0.2358 2	2,762.	0.378	8.6
55	37.06	29,328.	0.2905 2	3,658.	0.466	8.0
56	37.27	76,721.	0.7600 2	9,416.	1.219	8.1
57	37.39	100,248.	0.9930 2	9,604.	1.592	10.4
58	37.68	65,340.	0.6274 2	8,702.	1.006	7.3
59	37.86	28,765.	0.2849 2	3,162.	0.457	9.1
60	38.08	27,337.	0.2708 2	2,746.	0.434	10.0
61	38.24	30,187.	0.2990 2	3,954.	0.479	7.6
62	38.59	24,005.	0.2378 2	3,862.	0.361	6.2
63	38.69	43,117.	0.4271 2	6,309.	0.685	6.8
64	38.98	56,039.	0.5551 2	6,503.	0.690	8.6
65	39.28	73,279.	0.7259 2	9,731.	1.164	7.5
66	39.43	106,380.	1.0537 2	10,018.	1.690	10.6
67	39.70	44,577.	0.4416 2	4,053.	0.708	11.0
68	40.11	97,348.	0.9643 2	9,399.	1.546	10.4
69	40.50	45,130.	0.4470 2	7,231.	0.717	6.2
70	40.76	30,955.	0.3066 2	4,505.	0.492	6.9
71	40.97	47,508.	0.4706 2	7,644.	0.755	6.2
72	41.15	31,976.	0.3167 2	4,334.	0.508	7.4
73	41.32	43,337.	0.4293 2	5,359.	0.688	8.1
74	41.53	8,632.	0.0855 2	1,493.	0.137	5.8
75	41.70	40,707.	0.4032 2	5,003.	0.647	8.1
76	41.95	35,387.	0.3505 2	6,071.	0.562	5.8
77	42.03	59,667.	0.5910 2	8,365.	0.948	7.1
78	42.22	10,107.	0.1001 2	1,847.	0.161	5.5
79	42.37	60,642.	0.6007 2	8,632.	0.963	7.0
80	42.50	28,242.	0.2797 2	3,931.	0.449	7.2
81	42.69	46,187.	0.4575 2	5,015.	0.734	9.2
82	42.99	10,706.	0.1060 2	1,610.	0.170	6.6
83	43.12	35,315.	0.3498 2	4,213.	0.561	8.4
84	43.34	62,930.	0.6234 2	7,818.	0.999	8.0
85	43.49	27,045.	0.2679 2	4,368.	0.430	6.2
86	43.67	32,550.	0.3224 2	3,119.	0.517	10.4
87	43.90	73,034.	0.7234 2	6,545.	1.160	11.2
88	44.15	39,779.	0.3940 2	4,275.	0.632	9.3
89	44.42	35,317.	0.3498 2	4,422.	0.561	8.0
90	44.61	61,398.	0.6082 2	9,858.	0.975	6.2
91	44.81	77,921.	0.7718 2	5,730.	1.238	13.6
92	45.32	91,575.	0.9071 2	7,669.	1.454	11.9
93	45.51	23,865.	0.2364 2	2,839.	0.379	8.4
94	45.67	24,229.	0.2400 2	2,350.	0.385	10.3
95	45.84	22,005.	0.2180 2	3,445.	0.349	6.4
96	45.99	29,627.	0.2935 2	4,129.	0.471	7.2
97	46.19	32,278.	0.3197 2	3,416.	0.513	9.4
98	46.46	64,336.	0.6373 2	6,472.	1.022	9.9
99	46.81	131,063.	1.2982 2	9,048.	2.082	14.5
100	47.19	54,305.	0.5379 2	6,256.	0.862	8.7
101	47.31	40,596.	0.4021 2	5,324.	0.645	7.6
102	47.49	9,125.	0.0904 2	1,366.	0.145	6.7
103	47.68	41,713.	0.4132 2	3,962.	0.663	10.5
104	48.00	71,617.	0.7094 2	6,998.	1.137	10.2
105	48.30	72,755.	0.7207 2	9,698.	1.156	7.5
106	48.41	95,202.	0.9430 2	13,205.	1.512	7.2
107	48.60	54,891.	0.5437 2	5,930.	0.872	9.3
108	48.75	70,887.	0.7022 2	5,907.	1.126	12.0
109	49.03	29,959.	0.2968 2	3,284.	0.476	9.1
110	49.30	69,083.	0.6843 2	9,415.	1.097	7.3
111	49.45	64,421.	0.6381 2	6,094.	1.023	10.6
112	49.73	11,309.	0.1120 2	1,676.	0.180	6.7
113	49.98	44,823.	0.4440 2	4,783.	0.712	9.4
114	50.18	18,942.	0.1876 2	1,878.	0.301	10.1
115	50.37	21,736.	0.2153 2	1,789.	0.345	12.2

110 00.70 10,000. 0.1000 1 1,401. 0.200 11.2

Total Area: 10,095,400. Area Reject: 1

* Sample Name: T303215-02 S 8010/8020 100X Operator: B1 *

* Data File Name: A:\F02316.ATB *

* Date Taken: 03-24-1993 07:09:36 Original Method: ECOL *

* Interface: G Cycle#: 16 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:\F02316.ATB Sample Name: T303215-02 S 8010/8020 100X

Area report: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
3	7.031	VINYL CHLORIDE	~~1.1123~~	0.1879%	2,846.	211.	13.5	1	NA	-1.864	3.9082E-04
9	16.367	O-1,2-2CL-ETHENE	~~0.3361~~	0.0568%	3,744.	310.	12.1	1	NA	1.012	8.9759E-05
11	18.487	1,1-2CL-PROPENE	~~0.0031~~	0.0059%	309.	49.	6.3	1	NA	1.095	1.1372E-04
12	19.272	BENZENE	~~0.0071~~	0.0147%	2,394.	367.	6.5	1	NA	1.050	3.6372E-05
13	20.942	TRICHLOROETHENE	0.9538	0.1611%	13,652.	2,256.	6.1	2	NA	.9661	6.9862E-05
14	21.276	surrogate	8.9384	1.5099%	60,934.	9,523.	6.4	2	NA	.9508	1.4669E-04
15	23.898	CIS-1,3-2CLPROPENE	~~0.0648~~	0.0109%	357.	52.	6.9	1	NA	.9680	1.8171E-04
17	24.649	TOLUENE	~~0.2286~~	0.0386%	5,992.	937.	6.4	1	NA	.8885	3.8155E-05
19	26.470	TETRACHLOROETHENE	552.3950	93.3091%	6,296,236.	912,361.	6.9	1	NA	.8269	8.7734E-05
23	29.108	CHLOROBENZENE	~~0.0037~~	0.0108%	1,726.	290.	5.9	2	NA	.7514	3.6881E-05
24	29.292	ETHYL BENZENE	~~0.1507~~	0.0255%	3,527.	578.	6.1	2	NA	.7466	4.2777E-05
25	29.526	M,P-XYLENE	~~0.3604~~	0.0643%	11,489.	1,878.	6.1	2	NA	.7407	3.3109E-05
26	29.876	1-CL-2-FL-BENZENE	10.0000	0.0000%	152,985.	26,752.	5.7	3	NA	.7319	6.5366E-05
29	30.912	O-XYLENE	0.7974	0.1347%	17,805.	1,528.	11.6	2	NA	.7621	4.4784E-05
30	31.095	STYRENE	~~0.2337~~	0.0395%	7,152.	776.	9.2	2	NA	.7575	3.2700E-05
34	32.081	ISOPROPYL BENZENE	~~0.2725~~	0.0494%	5,290.	801.	6.6	2	NA	.6813	5.5300E-05
39	33.550	NPROPYL;BROMOBENZ	~~0.5628~~	0.0951%	14,834.	1,219.	12.2	2	NA	1.056	3.7939E-05
41	33.901	135-TMB;2CLTOLUENE	~~0.8460~~	0.1429%	25,589.	3,473.	7.4	2	NA	.6445	3.3062E-05
42	34.085	4-CHLOROTOLUENE	~~0.5477~~	0.0926%	14,780.	1,446.	10.2	2	NA	.6906	3.7071E-05
46	35.170	124-3METHYL-BENZEN	~~2.6274~~	0.4438%	71,074.	6,158.	11.5	2	NA	.6211	3.6967E-05
49	35.738	SEC-BUTYLBENZENE	~~0.8777~~	0.1148%	11,575.	1,687.	6.9	2	NA	.5639	5.8701E-05
51	36.039	P-ISOPROPYLTOLUENE	~~2.6350~~	0.4451%	47,462.	3,408.	13.9	2	NA	0	5.5517E-05
52	36.473	1,3-2CL-BENZENE	~~0.8426~~	0.1423%	20,396.	2,080.	9.8	2	NA	.5987	4.1313E-05
53	36.740	1,4-2CL-BENZENE	~~1.5669~~	0.2647%	35,964.	4,796.	7.5	2	NA	.2734	4.3569E-05
58	37.675	N-BUTYLBENZENE	~~3.1785~~	0.5366%	63,340.	8,702.	7.3	2	NA	.6693	5.0151E-05
60	38.076	1,2-2CL-BENZENE	~~1.3957~~	0.2356%	27,337.	2,746.	10.0	2	NA	.6178	5.1057E-05
86	43.670	124-TRICHLOROBENZ	~~2.3463~~	0.3963%	32,550.	3,119.	10.4	2	NA	.3453	7.2083E-05
88	44.153	6CL-BUTADIENE	~~3.6855~~	0.6090%	39,779.	4,275.	9.3	2	NA	.3034	9.0636E-05
90	44.606	NAPHTHALENE	~~3.4307~~	0.5795%	61,398.	9,358.	6.2	2	NA	.4890	5.5876E-05
93	45.508	1,2,3-3CL-BENZENE	~~1.6727~~	0.2826%	23,865.	2,839.	8.4	2	NA	.5535	7.0090E-05
116	50.735	REFERENCE	10.0000	0.0000%	16,036.	1,431.	11.2	1	NA	0	6.2360E-04

TOTAL AMOUNT = 592.0054

PC
4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4839 uv High Value: 917336 uv Scale factor: 1.0

VINYL	5.69	7.03
1,1-DI	11.71	
1,1,2	13.44	
1,1,2	14.93	
1,1,2	16.20	
1,1,2	17.59	
1,1,2	19.27	
TRICHL	20.94	
CIS-1	23.90	
TRANS	25.70	26.47
CHLORO	28.34	
O-XYLE	29.53	
ISOPRO	30.91	
ISOPRO	32.21	
NPROPY	33.55	
TERT-B	35.17	
P-ISOP	36.47	
N-BUTY	37.60	
	38.90	
	40.50	
	41.70	
1,2,3	42.99	
1,2,3	44.15	
	45.51	
	46.81	
	48.00	
	49.30	
REFERE	50.73	

* Sample Name: T303215-03 S 8010/8020 20X Operator: EM1 *
 * Data File Name: A:\HF2317.ATB *
 * Date Taken: 03-24-1993 08:13:23 Original Method: AQL *
 * Interface: 8 Cycle#: 17 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.56	15,276.	0.1552	1	1,599.	0.167	9.6
2	6.90	1,196.	0.0122	2	193.	0.013	6.2
3	7.06	581.	0.0059	2	108.	0.006	5.4
4	11.34	1,062.	0.0108	1	126.	0.012	8.4
5	12.88	36,037.	0.3662	1	3,160.	0.394	11.4
6	13.56	3,983.	0.0405	1	535.	0.044	7.4
7	14.98	3,684.	0.0374	1	373.	0.040	9.9
8	16.45	1,904.	0.0193	2	218.	0.021	8.7
9	16.67	7,041.	0.0715	2	708.	0.077	9.9
10	17.07	15,007.	0.1525	2	1,575.	0.164	9.5
11	17.59	2,393.	0.0243	2	258.	0.026	9.3
12	18.04	26,770.	0.2720	2	2,745.	0.293	9.8
13	18.49	3,923.	0.0399	2	495.	0.043	7.9
14	18.65	8,456.	0.0859	2	861.	0.092	9.8
15	19.39	5,649.	0.0574	1	705.	0.062	8.0
16	20.94	24,067.	0.2446	2	2,890.	0.263	8.3
17	21.24	26,042.	0.2646	2	2,624.	0.285	9.9
18	21.54	5,371.	0.0546	2	549.	0.059	9.8
19	22.26	2,204.	0.0224	1	353.	0.024	6.2
20	23.91	1,592.	0.0162	1	245.	0.017	6.5
21	25.48	1,010.	0.0103	2	174.	0.011	5.8
22	25.68	251,367.	2.5545	2	29,060.	2.749	8.6
23	26.42	9,142,535.	92.9093	3	993,693.	100.000	9.2
24	27.49	25,246.	0.2566	4	3,242.	0.276	7.8
25	28.26	2,038.	0.0207	1	272.	0.022	7.5
26	29.14	2,608.	0.0265	2	362.	0.029	7.2
27	29.33	13,204.	0.1342	2	1,446.	0.144	9.1
28	29.88	190,094.	1.9318	1	23,358.	2.079	8.1
29	30.98	376.	0.0038	1	94.	0.004	4.0
30	31.23	388.	0.0039	1	80.	0.004	4.9
31	32.21	1,061.	0.0108	1	123.	0.012	8.6
32	32.90	3,651.	0.0371	1	471.	0.040	7.8
33	33.37	917.	0.0093	1	149.	0.010	6.2
34	34.15	1,020.	0.0104	1	149.	0.011	6.9
35	36.52	510.	0.0052	1	116.	0.006	4.4
36	36.94	2,656.	0.0270	1	278.	0.029	9.5
37	38.14	1,847.	0.0188	1	236.	0.020	7.8
38	43.84	1,686.	0.0171	1	220.	0.018	7.7
39	44.31	2,905.	0.0295	1	373.	0.032	7.8
40	45.52	2,922.	0.0297	1	354.	0.032	8.3

Total Area: 9,840,280. Area Reject: 1

* Sample Name: T303215-03 S 8010/8020 20X Operator: EM *
 * Data File Name: A:\MR2317.ATB *
 * Date Taken: 03-24-1993 08:13:23 Original Method:ADCL *
 * Interface: 8 Cycle#: 17 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:\MR2317.ATB Sample Name: T303215-03 S 8010/8020 20X
 Area rejects: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.0000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	HEIGHT	AREA/ HEIGHT	REF BL	INT. STD PEAK	% DELTA RET TIME	CONC/AREA	
3	7.064	CHLOROMETHANE	0.0463	0.0282%	581.	108.	5.4	2	NA	NA	.7142	7.9680E-05
4	11.339	1,1-DICHLOROETHENE	0.0197	0.0120%	1,062.	126.	8.4	1	NA	NA	.4437	1.3549E-05
5	12.876	METHYLENE CHLORIDE	0.5257	0.3208%	36,037.	3,160.	11.4	1	NA	NA	.3906	1.4588E-05
6	13.560	1,1,2-2CL-ETHENE	0.0660	0.0403%	3,983.	535.	7.4	1	NA	NA	.3708	1.8560E-05
7	14.980	1,1-DICHLOROETHANE	0.0625	0.0381%	3,684.	373.	9.9	1	NA	NA	.8998	1.6958E-05
8	16.449	2,2-2CL-PROPANE	0.0447	0.0273%	1,904.	218.	8.7	2	NA	NA	.8188	2.3491E-05
9	16.567	1,1,2-2CL-ETHENE	0.1042	0.0636%	7,041.	708.	9.9	2	NA	NA	.9100	1.4805E-05
10	17.067	CHLOROFORM	0.1858	0.1134%	15,007.	1,575.	9.5	2	NA	NA	.6896	1.2381E-05
11	17.585	BROMOCHLOROMETHANE	0.0644	0.0393%	2,393.	258.	9.3	2	NA	NA	.8620	2.6897E-05
12	18.036	1,1,1-3CL-ETHANE	0.3735	0.2279%	26,770.	2,745.	9.8	2	NA	NA	.6523	1.3951E-05
13	18.487	1,1-2CL-PROPENE	0.0886	0.0541%	3,923.	495.	7.9	2	NA	NA	.9115	2.2584E-05
14	18.654	CARBON TETRACHLORIDE	0.0952	0.0581%	8,456.	861.	9.8	2	NA	NA	.7213	1.1259E-05
15	19.389	1,2-DICHLOROETHANE	0.0967	0.0590%	5,649.	705.	8.0	1	NA	NA	.8688	1.7125E-05
16	20.942	TRICHLOROETHENE	0.3582	0.2186%	24,067.	2,890.	8.3	2	NA	NA	.8638	1.4882E-05
18	21.543	1,2-2CLPROPANE	0.0992	0.0606%	5,371.	549.	9.8	2	NA	NA	.8600	1.8478E-05
19	22.261	BR-2CL-METHANE	0.0492	0.0300%	2,204.	353.	6.2	1	NA	NA	.9084	2.2297E-05
20	23.914	CIS-1,3-2CLPROPENE	0.0315	0.0192%	1,592.	245.	6.5	1	NA	NA	.9161	1.9801E-05
22	25.685	2BR-1CL-PROPANE	10.0000	0.0000%	251,367.	29,060.	8.6	2	NA	NA	.6544	3.9783E-05
23	26.419	TETRACHLOROETHENE	152.1608	92.8557%	9,142,535.	993,693.	9.2	3	NA	NA	.5082	1.6643E-05
24	27.488	2BR-CL-METHANE	0.8351	0.5096%	25,246.	3,242.	7.8	4	NA	NA	1.417	3.3080E-05
26	29.142	CHLOROBENZENE	0.1256	0.0766%	2,608.	362.	7.2	2	NA	NA	.7505	4.8152E-05
27	29.325	1112-ACLETHANE	0.1501	0.0916%	13,204.	1,446.	9.1	2	NA	NA	.7458	1.1364E-05
28	29.876	surrogate	7.8218	4.7733%	190,094.	23,358.	8.1	1	NA	NA	.5621	4.1147E-05
31	32.214	BROMOFORM	0.0647	0.0395%	1,061.	123.	8.6	1	NA	NA	.7310	6.1019E-05
32	32.899	1,1,2,2-4CL-ETHANE	0.0741	0.0452%	3,651.	471.	7.8	1	NA	NA	.7672	2.0288E-05
33	33.367	BROMOBENZENE	0.0371	0.0227%	917.	149.	6.2	1	NA	NA	.1999	4.0496E-05
34	34.152	4-CHLOROTOLUENE	0.0271	0.0166%	1,020.	149.	6.9	1	NA	NA	.7685	2.6606E-05
35	36.523	1,3-DICHLOROBENZEN	0.0133	0.0081%	510.	116.	4.4	1	NA	NA	.6442	2.6012E-05
36	36.940	1,4-DICHLOROBENZEN	0.0533	0.0325%	2,656.	278.	9.5	1	NA	NA	.6827	2.0062E-05
37	38.143	1,2-DICHLOROBENZEN	0.0431	0.0263%	1,847.	236.	7.8	1	NA	NA	.6610	2.3337E-05
38	43.838	1,2,4-3CL-BENZENE	0.0406	0.0248%	1,686.	220.	7.7	1	NA	NA	.6132	2.4058E-05
39	44.305	6CL-BUTADIENE	0.0419	0.0256%	2,905.	373.	7.8	1	NA	NA	.5304	1.4428E-05
40	45.524	1,2,3-3CL-BENZENE	0.0680	0.0415%	2,922.	354.	8.3	1	NA	NA	.5162	2.3261E-05

TOTAL AMOUNT = 163.8680

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5124 uv High Value: 999999 uv Scale factor: 1.0

2CL-2F	5.56
BROMOP	4.90
1,1-DI	11.34
METHYL	12.08
1,1-DI	14.98
2,2-DI	16.45
1,1,1-	18.04
1,2-DI	19.39
INICHL	20.94
BR-2CL	22.26
CIS-1,	23.91
2BR-10	25.48
2BR-CL	27.49
CHLORO	29.14
BROMOP	30.98
BROMOP	32.21
BROMOP	34.15
1,3-DI	36.52
1,2-DI	38.14
1,2-2E	
1,2,4-	43.84
1,2,3-	45.52

* Sample Name: T303215-03 5 6010/8020 20X Operator: BM *

* Data File Name: A:BMFZ317.ATB *

* Date Taken: 03-24-1993 08:13:23 Original Method: ECOL *

* Interface: 8 Cycle#: 17 Channel#: 1 Vial#: N.A. *

AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1

SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.51	14,724.	0.5775	3	3,138.	0.700	4.7
2	5.96	707.	0.0277	4	77.	0.034	9.2
3	6.85	1,511.	0.0593	1	138.	0.072	10.9
4	11.19	1,102.	0.0432	2	125.	0.052	8.8
5	11.57	2,210.	0.0867	2	151.	0.105	14.7
6	13.29	3,355.	0.1316	2	340.	0.160	9.9
7	13.51	3,774.	0.1480	2	602.	0.179	6.3
8	16.58	3,807.	0.1493	1	390.	0.181	9.8
9	17.48	515.	0.0202	1	56.	0.024	9.2
10	18.42	1,258.	0.0493	1	199.	0.060	6.3
11	19.20	4,997.	0.1960	1	799.	0.238	6.3
12	20.89	6,614.	0.2594	2	1,115.	0.315	5.9
13	21.23	65,544.	2.5708	2	10,411.	3.117	6.3
14	23.85	883.	0.0346	1	127.	0.042	7.0
15	24.25	316.	0.0124	1	43.	0.015	7.4
16	24.62	7,338.	0.2878	1	1,165.	0.349	6.3
17	25.40	867.	0.0340	2	137.	0.041	6.3
18	25.67	525.	0.0206	2	74.	0.025	7.1
19	26.42	2,103,050.	82.4866	1	339,841.	100.000	6.2
20	29.09	4,946.	0.1940	2	827.	0.235	6.0
21	29.28	4,517.	0.1772	2	708.	0.215	6.4
22	29.49	12,403.	0.4865	2	2,134.	0.590	5.8
23	29.84	159,645.	6.2616	1	29,468.	7.591	5.4
24	30.86	4,983.	0.1954	3	761.	0.237	6.5
25	31.08	1,116.	0.0438	4	140.	0.053	8.0
26	31.43	2,210.	0.0867	2	250.	0.105	8.8
27	32.05	2,736.	0.1073	1	475.	0.130	5.8
28	32.82	589.	0.0219	2	66.	0.027	8.4
29	33.00	2,145.	0.0841	2	259.	0.102	8.3
30	33.43	8,782.	0.3444	2	890.	0.418	9.9
31	33.88	14,258.	0.5592	2	1,846.	0.678	7.7
32	34.07	4,951.	0.1942	2	633.	0.235	7.6
33	34.57	453.	0.0178	2	59.	0.022	7.6
34	34.74	461.	0.0181	2	87.	0.022	5.3
35	35.04	2,386.	0.0936	2	401.	0.113	5.9
36	35.17	5,370.	0.2106	2	889.	0.255	6.0
37	35.74	2,280.	0.0894	2	414.	0.108	5.5
38	35.89	653.	0.0256	2	124.	0.031	5.3
39	36.02	897.	0.0352	2	144.	0.043	6.2
40	36.24	2,236.	0.0877	2	408.	0.106	5.5
41	36.46	2,605.	0.1022	1	450.	0.124	5.8
42	36.72	652.	0.0256	2	135.	0.031	4.8
43	36.87	2,095.	0.0822	2	369.	0.100	5.7
44	37.24	3,254.	0.1276	2	377.	0.155	8.6
45	37.39	513.	0.0201	2	123.	0.024	4.2
46	37.64	2,065.	0.0810	1	378.	0.098	5.5
47	38.06	3,197.	0.1254	1	554.	0.152	5.8
48	38.69	1,800.	0.0706	1	183.	0.086	9.8
49	38.98	1,063.	0.0417	1	141.	0.051	7.5

50	39.26	3,153.	0.1237 2	437.	0.139	6.7
51	39.43	4,738.	0.1859 2	396.	0.225	12.0
52	39.70	2,122.	0.0632 2	208.	0.101	10.2
53	40.10	4,832.	0.1895 2	429.	0.230	11.3
54	40.50	2,670.	0.1047 2	309.	0.127	8.6
55	40.76	1,317.	0.0516 2	143.	0.063	9.2
56	40.97	1,670.	0.0639 2	226.	0.075	7.2
57	41.13	1,583.	0.0621 2	170.	0.075	9.3
58	41.32	1,191.	0.0467 2	154.	0.057	7.7
59	41.70	1,573.	0.1617 2	130.	0.075	12.1
60	42.03	2,958.	0.1160 2	251.	0.141	11.8
61	42.35	3,025.	0.1187 2	308.	0.144	9.8
62	42.67	466.	0.0183 2	82.	0.022	5.7
63	43.12	808.	0.0317 2	113.	0.038	7.2
64	43.32	1,510.	0.0592 2	199.	0.072	7.6
65	43.75	722.	0.0283 1	151.	0.034	4.8
66	44.22	1,504.	0.0590 2	205.	0.071	7.4
67	44.41	681.	0.0267 2	108.	0.032	6.3
68	44.62	7,074.	0.2774 1	977.	0.336	7.2
69	45.32	1,765.	0.0692 2	193.	0.084	9.1
70	45.47	2,854.	0.1119 2	436.	0.136	6.5
71	45.69	483.	0.0190 2	71.	0.023	6.8
72	45.84	390.	0.0153 2	74.	0.019	5.2
73	45.99	414.	0.0162 2	68.	0.020	6.1
74	46.18	484.	0.0190 2	67.	0.023	7.3
75	46.44	1,409.	0.0552 2	179.	0.067	7.9
76	46.81	3,650.	0.1432 2	300.	0.174	12.2
77	47.19	351.	0.0138 1	73.	0.017	4.8
78	47.68	1,192.	0.0467 2	104.	0.057	11.5
79	48.00	1,233.	0.0484 2	184.	0.059	6.7
80	48.30	918.	0.0360 2	149.	0.044	6.2
81	48.45	1,756.	0.0689 2	307.	0.083	5.7
82	48.75	1,229.	0.0482 1	88.	0.058	13.9
83	49.05	494.	0.0194 2	68.	0.024	7.3
84	49.30	3,416.	0.1340 2	490.	0.162	7.0
85	49.45	2,489.	0.0976 2	256.	0.118	9.7
86	49.75	319.	0.0125 2	63.	0.015	5.1
87	49.98	922.	0.0362 1	138.	0.044	6.7
88	50.18	298.	0.0117 1	53.	0.014	5.7
89	50.80	1,612.	0.0632 1	140.	0.077	11.5

Total Area: 2,549,564. Area Reject: 1

```

* Sample Name: T303215-03 S 0010/0050 20X Operator: EM *
* Data File Name: A:BNF2317.ATB *
* Date Taken: 03-24-1993 09:13:23 Original Method:BDL *
* Interface: B Cycle#: 17 Channel#: 1 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

CF: ANAL RECORDED DATA USED FOR THIS TABLE.
 Get: File Name: A:\BME2317.ATB Sample Name: T303215-003 B 8010/8020 30%
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	HEIGHT	HEIGHT BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA	
3	6.847	VINYL CHLORIDE	0.5659	0.2933%	1,511.	138.	10.9	1	NA	NA	-4.428	3.7451E-04
5	11.573	1,1-DICHLOROETHENE	0.2896	0.1503%	2,210.	151.	14.7	2	NA	NA	2.971	1.3049E-04
7	13.510	1,1,2-DICHLOROETHANE	0.1681	0.0873%	3,774.	602.	6.3	2	NA	NA	.2478	4.4535E-05
8	16.583	C-1,2-2CL-ETHENE	0.3274	0.1700%	3,807.	390.	9.8	1	NA	NA	.5060	8.6015E-05
10	18.420	1,1-2CL-PROPENE	0.1370	0.0712%	1,258.	199.	6.3	1	NA	NA	.7306	1.0898E-04
11	19.206	BENZENE	0.1742	0.0905%	4,997.	799.	6.3	1	NA	NA	.7005	3.4855E-05
12	20.892	TRICHLOROETHENE	0.4428	0.2300%	6,614.	1,115.	5.9	2	NA	NA	.7246	6.6947E-05
13	21.226	surrogate	9.2135	4.7849%	65,544.	10,411.	6.3	2	NA	NA	.7131	1.4057E-04
14	23.849	CIS-1,3-2CLPROPENE	0.1537	0.0798%	883.	127.	7.0	1	NA	NA	.7762	1.7413E-04
16	24.616	TOLUENE	0.2683	0.1393%	7,338.	1,165.	6.3	1	NA	NA	.7513	3.6564E-05
17	25.401	TRANS-1,3-2CLPROPE	0.1333	0.0692%	867.	137.	6.3	2	NA	NA	.7284	1.5382E-04
19	26.419	TETRACHLOROETHENE	176.8130	91.8258%	2,103,050.	339,841.	6.2	1	NA	NA	.6361	8.4075E-05
20	29.091	CHLOROBENZENE	0.1748	0.0908%	4,946.	827.	6.0	2	NA	NA	.6936	3.5343E-05
21	29.275	ETHYLBENZENE	0.1852	0.0962%	4,517.	708.	6.4	2	NA	NA	.6892	4.0992E-05
22	29.492	M,P-XYLENE	0.2835	0.2044%	12,403.	2,134.	5.8	2	NA	NA	.6267	3.1728E-05
23	29.843	1-CL-2-FL-BENZENE	10.0000	0.0000%	159,645.	29,465.	5.4	1	NA	NA	.6193	6.2639E-05
24	30.862	O-XYLENE	0.2139	0.1111%	4,983.	761.	6.5	3	NA	NA	.5988	4.2916E-05
25	31.079	STYRENE	0.0350	0.0182%	1,116.	140.	8.0	4	NA	NA	.7034	3.1336E-05
27	32.047	ISOPROPYLBENZENE	0.1450	0.0753%	2,736.	475.	5.8	1	NA	NA	.5765	5.2994E-05
30	33.433	N-PROPYLBROMOBENZE	0.5193	0.1658%	8,782.	890.	9.9	2	NA	NA	.7042	3.6356E-05
31	33.884	135-TMB,2CLTOLUENE	0.4647	0.2346%	14,258.	1,846.	7.7	2	NA	NA	.5949	3.1683E-05
32	34.068	4-CHLOROTOLUENE	0.1759	0.0913%	4,951.	653.	7.6	2	NA	NA	.6413	3.5524E-05
35	35.037	TERT-BUTYL BENZENE	0.1370	0.0712%	2,336.	401.	5.9	2	NA	NA	.5270	5.7434E-05
36	35.170	124-DMETHYL-BENZEN	0.1902	0.0988%	5,370.	889.	6.0	2	NA	NA	.6211	3.5425E-05
37	35.738	SEC-BUTYLBENZENE	0.1282	0.0666%	2,230.	414.	5.5	2	NA	NA	.5639	5.6252E-05
40	36.239	P-ISOPROPYLTOLUENE	0.1180	0.0618%	2,236.	408.	5.5	2	NA	NA	.5094	5.3202E-05
41	36.456	1,3-2CL-BENZENE	0.1031	0.0536%	2,605.	450.	5.8	1	NA	NA	.5527	3.9590E-05
43	36.874	1,4-2CL-BENZENE	0.0874	0.0454%	2,095.	369.	5.7	2	NA	NA	.6381	4.1751E-05
46	37.642	N-BUTYLBENZENE	0.0992	0.0515%	2,065.	378.	5.5	1	NA	NA	.5801	4.8059E-05
47	38.059	1,2-2CL-BENZENE	0.1564	0.0812%	3,197.	554.	5.8	1	NA	NA	.5737	4.8927E-05
65	43.754	124-TRICHLOROBENZE	0.0499	0.0259%	722.	151.	4.8	1	NA	NA	.5372	6.9076E-05
66	44.222	6CL-BUTADIENE	0.1306	0.0678%	1,504.	205.	7.4	2	NA	NA	.4552	8.6856E-05
68	44.622	NAPHTHALENE	0.2788	0.1967%	7,074.	977.	7.2	1	NA	NA	.5267	5.3546E-05
70	45.474	1,2,3-3CL-BENZENE	0.1947	0.0996%	2,854.	436.	6.5	2	NA	NA	.4797	6.7167E-05
89	50.801	REFERENCE	10.0000	0.0000%	1,612.	140.	11.5	1	NA	NA	0	6.2026E-03

4/5/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 4545 uv High Value: 344773 uv Scale factor: 1.0

UNYL	5.51	26.42
	6.85	
1,1-DI	11.19	
1,1,2	13.29	
1,2	16.58	
1,1-2C	18.42	
TRICHL	20.89	
CIS-1,2	23.85	
TRANS	25.40	
CHLORO	29.09	
O-XYLE	30.84	
ISOPRO	32.85	
NPROP	33.43	
TERT-B	34.74	
P-ISOP	35.69	
N-BUT	37.24	
	38.69	
	40.10	
	41.32	
1,2,3	42.67	
1,2,3	44.22	
	45.47	
	46.81	
	48.00	
	49.30	
REFER	50.80	

METALS ANALYSIS CONFORMANCE/NONCONFORMANCE SUMMARY

	No	Yes
1. Calibration Summaries Meet Criteria	___	___✓
2. ICP Interference Check Sample (ICS) Results Summary ~~Submitted~~ Meets Criteria (If applicable)	___	___✓
3. Serial Dilution Summary ~~Submitted~~ Meets Criteria (If applicable)	___	___✓
4. Laboratory Control Sample (LCS) Summary ~~Submitted~~ Meets Criteria (If applicable)	___	___✓
5. Blank Contamination If yes, list compounds and concentrations in each blank:	___	___
6. Matrix Spike Recoveries Meet Criteria	___✓	___
If not met, list those compounds and their recoveries which fall outside the acceptable range:		
<u>blank spike / blank spike duplicate</u> <u>submitted</u>		
7. Sample Duplicate Analyses Meet QC Criteria	___✓	___
If not met, list those compounds and their criteria which fall outside the acceptable range:		
<u>blank spike / blank spike duplicate</u> <u>submitted</u>		
10. Digestion and Analysis Holding Time Met	___	___✓
If not met, list compounds and number of days exceeded for each sample:		

125

Laboratory Supervisor: Mark Gillespie/sm Date: 4-23-93

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303215
 LRI Sample No: 1

Client: Anson Environmental
 Location: Westbury, NY
 Project: IMC Magnetix
 Sample Description: FD #2

Date Collected: 03/10/93
 Date Received: 03/11/93

Matrix: Soil
 Percent Moisture: 54.9%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	4000		2200	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	25000		11000	µg/kg	04/21/93	MY	04/21/93	MY	
<u>Metals Analysis by ICP by 6010</u>									
Barium	530000		2900	µg/kg	04/02/93	BD	04/09/93	RH	
Cadmium	62000		2900	µg/kg	04/02/93	BD	04/09/93	RH	
Chromium	290000		5500	µg/kg	04/02/93	BD	04/09/93	RH	
Lead	550000		17000	µg/kg	04/02/93	BD	04/09/93	RH	
Silver	33000		2900	µg/kg	04/02/93	BD	04/09/93	RH	
<u>Selenium by Furnace by 7740</u>									
Selenium	1100	U	1100	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303215
 LRI Sample No: 2

Client: Anson Environmental
 Location: Westbury, NY
 Project: IMC Magnetix
 Sample Description: FD #4

Date Collected: 03/10/93
 Date Received: 03/11/93

Matrix: Soil
 Percent Moisture: 34.2%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	3300		1500	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	650		380	µg/kg	04/21/93	MY	04/21/93	MY	
<u>Metals Analysis by ICP by 6010</u>									
Barium	67000		380	µg/kg	04/02/93	BD	04/09/93	RH	
Cadmium	17000		380	µg/kg	04/02/93	BD	04/09/93	RH	
Chromium	24000000		3800	µg/kg	04/02/93	BD	04/09/93	RH	
Lead	6100000		2300	µg/kg	04/02/93	BD	04/09/93	RH	
Silver	5800		380	µg/kg	04/02/93	BD	04/09/93	RH	
<u>Selenium by Furnace by 7740</u>									
Selenium	760	U	760	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303215
 LRI Sample No: 3

Client: Anson Environmental
 Location: Westbury, NY
 Project: IMC Magnetix
 Sample Description: FD #5

Date Collected: 03/10/93
 Date Received: 03/11/93

Matrix: Soil
 Percent Moisture: 43.1%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	5800		1800	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	2300		440	µg/kg	04/21/93	MY	04/21/93	MY	
<u>Metals Analysis by ICP by 6010</u>									
Barium	330000		440	µg/kg	04/02/93	BD	04/09/93	RH	
Cadmium	230000		440	µg/kg	04/02/93	BD	04/09/93	RH	
Chromium	830000		4400	µg/kg	04/02/93	BD	04/09/93	RH	
Lead	390000		2600	µg/kg	04/02/93	BD	04/09/93	RH	
Silver	140000		2300	µg/kg	04/02/93	BD	04/09/93	RH	
<u>Selenium by Furnace by 7740</u>									
Selenium	880	U	880	µg/kg	04/02/93	BD	04/05/93	MP	

LABORATORY RESOURCES, INC. - TETERBORO 1993

QUALITY CONTROL REPORT FOR WORK ORDER: T3-03-215

PARAMETER	Q	BLANK mg/L	BLANK SPK % REC	MS CONC. mg/L	MS DUPE CONC. mg/L	RPD %	MS TV CONC. mg/L	MS % REC	MS DUP % REC
TRACE METALS									
Aluminum (Al)									
Antimony (Sb)									
Arsenic (As)		<0.010		0.0380	0.0385	1	0.04	95	96
Barium (Ba)		<0.0050		1.9	1.9	0	2.00	95	95
Beryllium (Be)									
Boron (B)									
Cadmium (Cd)		<0.0050		0.046	0.046	0	0.05	92	92
Calcium (Ca)									
Chromium (Cr)		<0.010		0.19	0.19	0	0.20	95	95
Chromium Hex									
Cobalt (Co)									
Copper (Cu)									
Iron (Fe)									
Lead (Pb)		<0.030		0.46	0.46	0	0.50	92	92
Magnesium (Mg)									
Manganese (Mn)									
Mercury (Hg)		<0.00050		0.0032	0.0030	7	0.004	80	76
Molybdenum (Mo)									
Nickel (Ni)									
Potassium (K)									
Selenium (Se)		<0.0050		0.0412	0.0414	1	0.04	103	104
Silicon (Si)									
Silver (Ag)		<0.0050		0.051	0.053	4	0.05	102	106
Sodium (Na)									
Thallium (Tl)									
Tin (Sn)									
Titanium (Ti)									
Vanadium (V)									
Zinc (Zn)									

COMMENTS: The QC is based on a batch system in which a sample is chosen at random for MS and Dup analyses for a given matrix and represents all of the samples included in that batch.

MS = Matrix spike

TV = True value

Dup = Duplicate

Q = Qualifier

RPD = RELATIVE PERCENT DEVIATION SHOULD BE <20%

QUALITY CONTROL LIMITS FOR PERCENT RECOVERY ARE (75-125)

LABORATORY SAMPLE IDENTIFICATION: BLANK SPIKE/BLANK SPIKE DUPLICATE

QUALIFIERS-INORGANICS

Q

EXPLANATIONS

- N Matrix spiked sample recovery not within internal control limits due to matrix interference.
- * Duplicate analysis not within internal control limits due to matrix interference.
- E Reported value determined from a serial dilution due to matrix interference.
- W Post digestion sample spike recovery outside internal control limits but sample concentration is less than 50% of spiked sample.
- N/A Matrix spike recovery not applicable since sample concentration is greater than 4 times the amount of spike added.
- MSA Sample results determined from 3 point Method of Standards Additions(MSA).
- ND Analyte not detected, relative percent deviation cannot be calculated.

TABLE OF ABBREVIATIONS

EC	Estimated Count
U	Undetected
Qual	Qualifier
QL	Quantitation Limit

APPENDIX 5.2

March 1993 results; Areas 1, 2 & 3, FD-6



Teterboro Division
100 Hollister Road
Teterboro, New Jersey 07608
FAX: 201-288-5311
201-288-3700 800-729-0852

LABORATORY ANALYSIS REPORT

Client: Anson Environmental
33 Gerard Street
Huntingtown, NY 11743

Project Manager: Dean Anson

Project: #92061
Westbury, NY

Laboratory Report #: T303299

<u>Lab ID No.:</u>	<u>Sample Reference</u>	<u>Matrix</u>	<u>Collection Date</u>
T303299-01	LP1A 18-20'	Soil	03/16/93
T303299-02	LP1B 18-20'	Soil	03/16/93
T303299-03	ST1-3	Soil	03/16/93
T303299-04	LP2A 18-20'	Soil	03/17/93
T303299-05	LP2B 7'	Soil	03/17/93
T303299-06	LP2B 12'	Soil	03/17/93
T303299-07	LP2B 18-20'	Soil	03/17/93
T303299-08	LP3A 18-20'	Soil	03/17/93
T303299-09	ST3 10-12'	Soil	03/17/93
T303299-10	LP3B 18-20'	Soil	03/17/93
T303299-11	FD-6	Soil	03/17/93
T303299-12	Field Blank	Aqueous	03/17/93

Date Received: March 18, 1993

Date of Report: April 27, 1993

N.J. Certification #02046
N.Y. Certification #10588

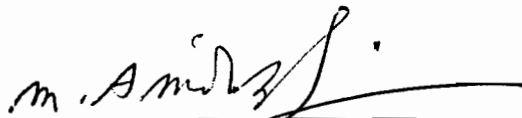

Mo Amirsoleymani
Quality Assurance Manager

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Form with multiple sections: BILLING INFORMATION, REPORT INFORMATION, ANALYTICAL REQUESTS, and various data entry fields for customer, project, and sample details.

T303299

CUSTOMER INFORMATION

CUSTOMER: Anson Env
ADDRESS: 33 Gerard Street
TELEPHONE: (516) 351-3555
PROJECT: 42061

PROJECT MANAGER: _____
PROJECT LOCATION: Westbury STATE: N.Y.
PO NUMBER: _____

REPORT INFORMATION

SEND REPORT TO: Dean Anson
33 Gerard Street
Huntington, N.Y. 11743

DATE REPORT REQUIRED:
RUSH RESULTS: FAX (516) 351-3615

PROJECT INFORMATION

TURNAROUND (INDICATE CALENDAR DAYS, CONFIRM WITH LAB): 2 5 7 14 21 OTHER:

DELIVERABLES (PLEASE CIRCLE): TIER I TIER II/ECRA CLP RESULTS ONLY 21E TASA OTHER:

IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:

NAME: *ellen Martin*

TELEPHONE: *(516) 757-7090*

ANALYTICAL REQUESTS

[illegible]

PLEASE INDICATE
NUMBER OF BOTTLES

COMMENTS, REQUESTS OR REMARKS (Toxic?, Flammable?, Explosive?, High Levels?)

•PRESERVATIVE:	NaOH	H ₂ SO ₄	HNO ₃	HCL	ASCORBIC ACID

No preservative

CUSTODY

DATE 03-18-93

TIME: 1415

DATE:

11

TIME:

[illegible]

DATE:

TIME:

SAMPLER: Ellen Macthys
RECEIVED: John Ford LABORATORY RES.

METHODS SUMMARY

PURGEABLE HALOCARBONS/AROMATICS BY METHODS 601-8010/602-8020

Methods 601/8010 and 602/8020 are based on the gas chromatographic analysis of five milliliters of aqueous sample or approximately 5 grams of solid waste for purgeable halocarbons and purgeable aromatics, respectively. The samples are purged, trapped and desorbed onto a column using a temperature ramping program. A Hall electrolytic conductivity detector in series with a photoionization detector (PID) is used for detection of these compounds.

003

METHODS SUMMARY

TRACE METALS

Reference: EPA SW846 3rd Edition, 1986 Vol. 1 A

Non-aqueous samples are digested for ICAP and GFAA according to method 3050 and for CV according to method 7470. Extracts and aqueous samples (ECRA and RCRA projects) are digested for ICAP, GFAA, and CV according to methods 3010, 3020, and 7470 respectively.

ICAP analyses are conducted in accordance with Method 6010. GFAA analyses are conducted in accordance with methods 7041 for antimony, 7060 for arsenic, 7740 for selenium and 7841 for thallium. CV analyses are conducted in accordance with method 7470.

Titanium and tin are analyzed for GFAA according to methods 282.2 and 283.3 respectively (EPA 600/4-79-020, 1983 revision).

TRACE METALS

Reference: EPA 600/4-79-020, 1983 revision.

Potable water, aqueous wastes, and surface water are digested according to EPA methods 4.1.4 for GFAA and FLAA, 200.7 for ICAP, and 245.1 for CV. GFAA analyses are conducted in accordance with methods 204.4 for antimony, 206.2 for arsenic, 239.2 for lead, 270.2 for selenium, 279.2 for thallium, 282.2 for tin, and 283.2 for titanium. ICAP analyses are conducted in accordance with method 200.7, CV analyses with method 245.1, and FLAA analyses with method 273.1 for sodium only.

GFAA = Graphite furnace atomic absorption.

ICAP = Inductively Coupled Argon Plasma.

FLAA = Flame atomic absorption.

CV = Cold vapor atomic absorption for Hg.

TCLP METALS

Samples are extracted and analyzed in accordance with method 1311 published in the Federal Register, 40 CFR 261, June 29, 1990.

004

ORGANIC NON-CONFORMANCE SUMMARY

GC VOLATILES

1. The quantitation limits are elevated due to matrix interference for samples (T303299-02 and 08).
2. The quantitation limits are elevated due to the dilution required for samples (T303299-01, 03, 04, 05, 06, 07, 09, 10 and 11).

005

INORGANIC NON-CONFORMANCE SUMMARY

METALS

1. The matrix spike recoveries for Arsenic, Chromium and Selenium for the batch QC sample (T303512-05) were not within the required quality limits due to matrix interference.
2. The replicate recovery for Chromium for the batch QC sample (T303512-05) was not within the required quality control limit due to matrix interference.

000006



Laboratory Resources INC.

Teterboro Division
100 Hollister Road
Teterboro, New Jersey 07608
FAX: 201-288-5311
201-288-3700 800-729-0852

TABLE 2-16. REQUIRED CONTAINERS, PRESERVATION TECHNIQUES, AND HOLDING TIMES

Name	Container ¹	Preservation	Maximum holding time
Bacterial Tests:			
Coliform, fecal and total	P, G	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	6 hours
Fecal streptococci	P, G	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	6 hours
Inorganic Tests:			
Acidity	P, G	Cool, 4°C	14 days
Alkalinity	P, G	Cool, 4°C	14 days
Ammonia	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Biochemical oxygen demand	P, G	Cool, 4°C	48 hours
Bromide	P, G	None required	28 days
Biochemical oxygen demand, carbonaceous	P, G	Cool, 4°C	48 hours
Chemical oxygen demand	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Chloride	P, G	None required	28 days
Chlorine, total residual	P, G	None required	Analyze immediately
Color	P, G	Cool, 4°C	48 hours
Cyanide, total and amenable to chlorination	P, G	Cool, 4°C, NaOH to pH12, 0.6g ascorbic acid	14 days
Fluoride	P	None required	28 days
Hardness	P, G	HNO ₃ to pH2, H ₂ SO ₄ to pH2	6 months
Hydrogen ion (pH)	P, G	None required	Analyze immediately
Kjeldahl and organic nitrogen	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Metals:			
Chromium VI	P, G	Cool, 4°C	24 hours
Mercury	P, G	HNO ₃ to pH2	28 days
Metals, except chromium VI and mercury	P, G	HNO ₃ to pH2	6 months
Nitrate	P, G	Cool, 4°C	48 hours
Nitrate-nitrite	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Nitrite	P, G	Cool, 4°C	48 hours
Oil and grease	G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Organic carbon	P, G	Cool, 4°C, HCl or H ₂ SO ₄ to pH2	28 days
Orthophosphate	P, G	Filter immediately, cool, 4°C	48 hours
Oxygen, Dissolved Probe	G Bottle and top	None required	Analyze immediately
Winkler	do	Fix on site and store in dark	8 hours
Phenols	G only	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Phosphorus (elemental)	G	Cool, 4°C	48 hours
Phosphorus, total	P, G	Cool, 4°C, H ₂ SO ₄ to pH2	28 days
Residue, total	P, G	Cool, 4°C	7 days
Residue, Filterable	P, G	Cool, 4°C	7 days
Residue, Nonfilterable (TSS)	P, G	Cool, 4°C	7 days
Residue, Settleable	P, G	Cool, 4°C	48 hours
Residue, volatile	P, G	Cool, 4°C	7 days
Silica	P	Cool, 4°C	28 days
Specific conductance	P, G	Cool, 4°C	28 days

TABLE 2-16. REQUIRED CONTAINERS, PRESERVATION TECHNIQUES, AND HOLDING TIMES (CONTINUED)

Name	Container ¹	Preservation	Maximum holding time
Sulfate	P, G	Cool, 4°C	28 days
Sulfide	P, G	Cool, 4°C, add zinc acetate plus sodium hydroxide to pH 9	7 days
Sulfite	P, G	None required	Analyze immediately
Surfactants	P, G	Cool, 4°C	48 hours
Temperature	P, G	None required	Analyze
Turbidity	P, G	Cool, 4°C	48 hours
<u>Organic Tests:</u>			
Purgeable Halocarbons	G, Teflon-lined septum	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	14 days
Purgeable aromatic hydrocarbons	G, Teflon-lined septum	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃ , HCl to pH 2	14 days
Acrolein and acrylonitrile	G, Teflon-lined septum	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃ , Adjust pH to 4-5	14 days
Phenols	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	7 days until extraction, 40 days after extraction
Benzidines	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	7 days until extraction
Phthalate esters	G, Teflon-lined cap	Cool, 4°C	7 days until extraction, 40 days after extraction
Nitrosamines	G, Teflon-lined cap	Cool, 4°C, store in dark, 0.008% Na ₂ S ₂ O ₃	40 days after extraction
PCBs, acrylonitrile	G, Teflon-lined cap	Cool, 4°C	40 days after extraction
Nitroaromatics and isophorone	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃ , store in dark	40 days after extraction
Polynuclear aromatic hydrocarbons	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃ , store in dark	40 days after extraction
Haloethers	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	40 days after extraction
Chlorinated hydrocarbons	G, Teflon-lined cap	Cool, 4°C	40 days after extraction
TCDD	G, Teflon-lined cap	Cool, 4°C, 0.008% Na ₂ S ₂ O ₃	40 days after extraction
Total organic halogens	G, Teflon-lined cap	Cool, 4°C; H ₂ SO ₄ to pH < 2	7 days
<u>Pesticides Tests:</u>			
Pesticides	G, Teflon-lined cap	Cool, 4°C, pH 5-9	40 days after extraction
<u>Radiological Tests:</u>			
Alpha, beta and radium	P, G	HNO ₃ to pH < 2	6 months

¹ Polyethylene (P) or Glass (G)

CASE NARRATIVE

Laboratory Resources, New Jersey Division, received eleven soil samples plus a field blank for Reduced Deliverables Format on March 18, 1993. The samples were analyzed for the parameters outlined in the chain of custody.

The samples were analyzed within the required holding time. Any parameters which were outside of their respective quality control ranges are noted in the non-conformance summaries.

Please contact us if there are any questions regarding the enclosed results.

010

No Yes

- 011

Date:

4/12/93

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/16/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/26/93
DILUTION FACTOR: 10.0
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> LP/A-18-20		MDL
	SAMPLE ID.>	01	
BROMODICHLOROMETHANE		ND	5.2
BROMOFORM		ND	5.2
BROMOMETHANE		ND	5.2
CARBON TETRACHLORIDE		ND	5.2
CHLOROBENZENE		ND	5.2
CHLOROETHANE		ND	5.2
CHLOROFORM		ND	5.2
CHLOROMETHANE		ND	5.2
DIBROMODICHLOROMETHANE		ND	5.2
DICHLORODIFLUOROMETHANE		ND	5.2
1,1-DICHLOROETHANE		ND	5.2
1,2-DICHLOROETHANE		ND	5.2
1,1-DICHLOROETHENE		ND	5.2
TRANS-1,2-DICHLOROETHENE		ND	5.2
1,2-DICHLOROPROPANE		ND	5.2
CIS-1,3-DICHLOROPROPENE		ND	5.2
TRANS-1,3-DICHLOROPROPENE		ND	5.2
METHYLENE CHLORIDE		ND	5.2
1,1,2,2-TETRACHLOROETHANE		ND	5.2
TETRACHLOROETHENE		35.8	5.2
1,1,1-TRICHLOROETHANE		ND	5.2
1,1,2-TRICHLOROETHANE		ND	5.2
TRICHLOROETHENE		ND	5.2
TRICHLOROFUOROMETHANE		ND	5.2
VINYL CHLORIDE		ND	5.2

% SURROGATE RECOVERY 74.35%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/16/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/26/93
DILUTION FACTOR: 10.0
ANALYST: ELYSSA
μ

PARAMETER	CLIENT ID.> LP/A-18-20 SAMPLE ID.> 01	MDL
BENZENE	ND	5.2
ETHYLBENZENE	ND	5.2
1,2-DICHLOROBENZENE	ND	5.2
1,3-DICHLOROBENZENE	ND	5.2
1,4-DICHLOROBENZENE	ND	5.2
TOLUENE	ND	5.2
TOTAL XYLENES	ND	10.5

% SURROGATE RECOVERY 112.44%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (90-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/16/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/26/93
DILUTION FACTOR: 10.0
ANALYST: ELYSSA

✓

PARAMETER	CLIENT ID.> LP/B-18-20		MDL
	SAMPLE ID.>	02	
BROMODICHLOROMETHANE		ND	5.3
BROMOFORM		ND	5.3
BROMOMETHANE		ND	5.3
CARBON TETRACHLORIDE		ND	5.3
CHLOROBENZENE		ND	5.3
CHLOROETHANE		ND	5.3
CHLOROFORM		ND	5.3
CHLOROMETHANE		ND	5.3
DIBROMODICHLOROMETHANE		ND	5.3
DICHLORODIFLUOROMETHANE		ND	5.3
1,1-DICHLOROETHANE		ND	5.3
1,2-DICHLOROETHANE		ND	5.3
1,1-DICHLOROETHENE		ND	5.3
TRANS-1,2-DICHLOROETHENE		ND	5.3
1,2-DICHLOROPROPANE		ND	5.3
CIS-1,3-DICHLOROPROPENE		ND	5.3
TRANS-1,3-DICHLOROPROPENE		ND	5.3
METHYLENE CHLORIDE		ND	5.3
1,1,2,2-TETRACHLOROETHANE		ND	5.3
TETRACHLOROETHENE		ND	5.3
1,1,1-TRICHLOROETHANE		ND	5.3
1,1,2-TRICHLOROETHANE		ND	5.3
TRICHLOROETHENE		ND	5.3
TRICHLOROFLUOROMETHANE		ND	5.3
VINYL CHLORIDE		ND	5.3

% SURROGATE RECOVERY 74.19%

MDL=MINIMUM DETECTION LIMIT

ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

014

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/16/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/26/93
DILUTION FACTOR: 10.0
ANALYST: ELYSSA
✓

PARAMETER	CLIENT ID.> LP/B-18-20 SAMPLE ID.> 02	MDL
BENZENE	ND	5.3
ETHYLBENZENE	ND	5.3
1,2-DICHLOROBENZENE	ND	5.3
1,3-DICHLOROBENZENE	ND	5.3
1,4-DICHLOROBENZENE	ND	5.3
TOLUENE	ND	5.3
TOTAL XYLENES	ND	10.6
% SURROGATE RECOVERY	106.80%	

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/16/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 5000
ANALYST: ELYSSA

✓

PARAMETER	CLIENT ID.> SAMPLE ID.>	STI-3 03	MDL
BROMODICHLOROMETHANE		ND	3060
BROMOFORM		ND	3060
BROMOMETHANE		ND	3060
CARBON TETRACHLORIDE		ND	3060
CHLORO BENZENE		ND	3060
CHLOROETHANE		ND	3060
CHLOROFORM		ND	3060
CHLOROMETHANE		ND	3060
DIBROMODICHLOROMETHANE		ND	3060
DICHLORODIFLUOROMETHANE		ND	3060
1,1-DICHLOROETHANE		ND	3060
1,2-DICHLOROETHANE		ND	3060
1,1-DICHLOROETHENE		ND	3060
TRANS-1,2-DICHLOROETHENE		ND	3060
1,2-DICHLOROPROPANE		ND	3060
CIS-1,3-DICHLOROPROPENE		ND	3060
TRANS-1,3-DICHLOROPROPENE		ND	3060
METHYLENE CHLORIDE		ND	3060
1,1,2,2-TETRACHLOROETHANE		ND	3060
TETRACHLOROETHENE		94300	3060
1,1,1-TRICHLOROETHANE		ND	3060
1,1,2-TRICHLOROETHANE		ND	3060
TRICHLOROETHENE		ND	3060
TRICHLOROFLUOROMETHANE		ND	3060
VINYL CHLORIDE		ND	3060

% SURROGATE RECOVERY 68.75%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/16/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 5000
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> SAMPLE ID.>	STI-3 03	MDL
BENZENE		ND	3060
ETHYLBENZENE		ND	3060
1,2-DICHLOROBENZENE		ND	3060
1,3-DICHLOROBENZENE		ND	3060
1,4-DICHLOROBENZENE		ND	3060
TOLUENE		ND	3060
TOTAL XYLENES		ND	6110

% SURROGATE RECOVERY 96.26%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 500
ANALYST: ELYSSA

24

PARAMETER	CLIENT ID.> LP2A-18-20 SAMPLE ID.> 04	MDL
BROMODICHLOROMETHANE	ND	257
BROMOFORM	ND	257
BROMOMETHANE	ND	257
CARBON TETRACHLORIDE	ND	257
CHLOROBENZENE	ND	257
CHLOROETHANE	ND	257
CHLOROFORM	ND	257
CHLOROMETHANE	ND	257
DIBROMODICHLOROMETHANE	ND	257
DICHLORODIFLUOROMETHANE	ND	257
1,1-DICHLOROETHANE	ND	257
1,2-DICHLOROETHANE	ND	257
1,1-DICHLOROETHENE	ND	257
TRANS-1,2-DICHLOROETHENE	ND	257
1,2-DICHLOROPROPANE	ND	257
CIS-1,3-DICHLOROPROPENE	ND	257
TRANS-1,3-DICHLOROPROPENE	ND	257
METHYLENE CHLORIDE	ND	257
1,1,2,2-TETRACHLOROETHANE	ND	257
TETRACHLOROETHENE	721	257
1,1,1-TRICHLOROETHANE	ND	257
1,1,2-TRICHLOROETHANE	ND	257
TRICHLOROETHENE	ND	257
TRICHLOROFLUOROMETHANE	ND	257
VINYL CHLORIDE	ND	257

% SURROGATE RECOVERY 68.87%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORD, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 500
ANALYST: ELYSSA
PV

PARAMETER	CLIENT ID.> LP2A-18-20 SAMPLE ID.> 04	MDL
BENZENE	ND	257
ETHYLBENZENE	ND	257
1,2-DICHLOROBENZENE	ND	257
1,3-DICHLOROBENZENE	ND	257
1,4-DICHLOROBENZENE	ND	257
TOLUENE	ND	257
TOTAL XYLENES	ND	515

% SURROGATE RECOVERY 96.09%

MDL=MINIMUM DETECTION LIMIT

ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 100000
ANALYST: ELYSSA

pv

PARAMETER	CLIENT ID.> LP28-7 SAMPLE ID.> 05	MDL
BROMODICHLOROMETHANE	ND	55100
BROMOFORM	ND	55100
BROMOMETHANE	ND	55100
CARBON TETRACHLORIDE	ND	55100
CHLOROBENZENE	ND	55100
CHLOROETHANE	ND	55100
CHLOROFORM	ND	55100
CHLOROMETHANE	93800	55100
DIBROMODICHLOROMETHANE	ND	55100
DICHLORODIFLUOROMETHANE	ND	55100
1,1-DICHLOROETHANE	ND	55100
1,2-DICHLOROETHANE	ND	55100
1,1-DICHLOROETHENE	ND	55100
TRANS-1,2-DICHLOROETHENE	ND	55100
1,2-DICHLOROPROPANE	ND	55100
CIS-1,3-DICHLOROPROPENE	ND	55100
TRANS-1,3-DICHLOROPROPENE	ND	55100
METHYLENE CHLORIDE	ND	55100
1,1,2,2-TETRACHLOROETHANE	ND	55100
TETRACHLOROETHENE	7700000	55100
1,1,1-TRICHLOROETHANE	79700	55100
1,1,2-TRICHLOROETHANE	ND	55100
TRICHLOROETHENE	ND	55100
TRICHLOROFLUOROMETHANE	ND	55100
VINYL CHLORIDE	ND	55100

% SURROGATE RECOVERY 69.08%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORD, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 100000
ANALYST: ELYSSA
pc

PARAMETER	CLIENT ID.> LP2B-7 SAMPLE ID.> 05	MDL
BENZENE	ND	55100
ETHYLBENZENE	ND	55100
1,2-DICHLOROBENZENE	ND	55100
1,3-DICHLOROBENZENE	ND	55100
1,4-DICHLOROBENZENE	ND	55100
TOLUENE	ND	55100
TOTAL XYLENES	ND	110000

% SURROGATE RECOVERY 95.22%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 500000
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> LP2B-12 SAMPLE ID.> 06	MDL
BROMODICHLOROMETHANE	ND	434000
BROMOFORM	ND	434000
BROMOMETHANE	ND	434000
CARBON TETRACHLORIDE	ND	434000
CHLOROBENZENE	ND	434000
CHLOROETHANE	ND	434000
CHLOROFORM	ND	434000
CHLOROMETHANE	ND	434000
DIBROMODICHLOROMETHANE	ND	434000
DICHLORODIFLUOROMETHANE	ND	434000
1,1-DICHLOROETHANE	ND	434000
1,2-DICHLOROETHANE	ND	434000
1,1-DICHLOROETHENE	ND	434000
TRANS-1,2-DICHLOROETHENE	ND	434000
1,2-DICHLOROPROPANE	ND	434000
CIS-1,3-DICHLOROPROPENE	ND	434000
TRANS-1,3-DICHLOROPROPENE	ND	434000
METHYLENE CHLORIDE	ND	434000
1,1,2,2-TETRACHLOROETHANE	ND	434000
TETRACHLOROETHENE	139000000	434000
1,1,1-TRICHLOROETHANE	668000	434000
1,1,2-TRICHLOROETHANE	ND	434000
TRICHLOROETHENE	ND	434000
TRICHLOROFLUOROMETHANE	ND	434000
VINYL CHLORIDE	ND	434000

% SURROGATE RECOVERY 72.42%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 500000
ANALYST: ELYSSA

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PARAMETER	CLIENT ID.> LP2B-12 SAMPLE ID.> 06	MDL
BENZENE	ND	434000
ETHYLBENZENE	ND	434000
1,2-DICHLOROBENZENE	ND	434000
1,3-DICHLOROBENZENE	ND	434000
1,4-DICHLOROBENZENE	ND	434000
TOLUENE	5090000	434000
TOTAL XYLENES	3000000	868000

% SURROGATE RECOVERY 92.94%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 500000
ANALYST: ELYSSA W

PARAMETER	CLIENT ID.> LP28-18-20 SAMPLE ID.> 07	MDL
BROMODICHLOROMETHANE	ND	259000
BROMOFORM	ND	259000
BROMOMETHANE	ND	259000
CARBON TETRACHLORIDE	ND	259000
CHLOROBENZENE	ND	259000
CHLOROETHANE	ND	259000
CHLOROFORM	ND	259000
CHLOROMETHANE	362000	259000
DIBROMOCHLOROMETHANE	ND	259000
DICHLORODIFLUOROMETHANE	ND	259000
1,1-DICHLOROETHANE	ND	259000
1,2-DICHLOROETHANE	ND	259000
1,1-DICHLOROETHENE	ND	259000
TRANS-1,2-DICHLOROETHENE	ND	259000
1,2-DICHLOROPROPANE	ND	259000
CIS-1,3-DICHLOROPROPENE	ND	259000
TRANS-1,3-DICHLOROPROPENE	ND	259000
METHYLENE CHLORIDE	ND	259000
1,1,2,2-TETRACHLOROETHANE	ND	259000
TETRACHLOROETHENE	2970000	259000
1,1,1-TRICHLOROETHANE	ND	259000
1,1,2-TRICHLOROETHANE	ND	259000
TRICHLOROETHENE	ND	259000
TRICHLOROFLUOROMETHANE	ND	259000
VINYL CHLORIDE	ND	259000

% SURROGATE RECOVERY 69.81%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 500000
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> LP2B-18-20 SAMPLE ID.> 07	MDL
BENZENE	ND	259000
ETHYLBENZENE	ND	259000
1,2-DICHLOROBENZENE	ND	259000
1,3-DICHLOROBENZENE	ND	259000
1,4-DICHLOROBENZENE	ND	259000
TOLUENE	ND	259000
TOTAL XYLENES	ND	517000

% SURROGATE RECOVERY 95.86%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 04/05/93
DILUTION FACTOR: 100
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> LP3A-18-20 SAMPLE ID.> 08	MDL
BROMODICHLOROMETHANE	ND	53.6
BROMOFORM	ND	53.6
BROMOMETHANE	ND	53.6
CARBON TETRACHLORIDE	ND	53.6
CHLOROBENZENE	ND	53.6
CHLOROETHANE	ND	53.6
CHLOROFORM	ND	53.6
CHLOROMETHANE	ND	53.6
DIBROMODICHLOROMETHANE	ND	53.6
DICHLORODIFLUOROMETHANE	ND	53.6
1,1-DICHLOROETHANE	ND	53.6
1,2-DICHLOROETHANE	ND	53.6
1,1-DICHLOROETHENE	ND	53.6
TRANS-1,2-DICHLOROETHENE	ND	53.6
1,2-DICHLOROPROPANE	ND	53.6
CIS-1,3-DICHLOROPROPENE	ND	53.6
TRANS-1,3-DICHLOROPROPENE	ND	53.6
METHYLENE CHLORIDE	ND	53.6
1,1,2,2-TETRACHLOROETHANE	ND	53.6
TETRACHLOROETHENE	ND	53.6
1,1,1-TRICHLOROETHANE	ND	53.6
1,1,2-TRICHLOROETHANE	ND	53.6
TRICHLOROETHENE	ND	53.6
TRICHLOROFLUOROMETHANE	ND	53.6
VINYL CHLORIDE	ND	53.6

% SURROGATE RECOVERY 77.78%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 04/05/93
DILUTION FACTOR: 100
ANALYST: ELYSSA

P

PARAMETER	CLIENT ID.> LP3A-18-20 SAMPLE ID.> 08	MDL
BENZENE	ND	53.6
ETHYLBENZENE	ND	53.6
1,2-DICHLOROBENZENE	ND	53.6
1,3-DICHLOROBENZENE	ND	53.6
1,4-DICHLOROBENZENE	ND	53.6
TOLUENE	ND	53.6
TOTAL XYLENES	ND	107

% SURROGATE RECOVERY 97.08%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 100000
ANALYST: ELYSSA

P

PARAMETER	CLIENT ID.> ST-3-10-12 SAMPLE ID.> 09	MDL
BROMODICHLOROMETHANE	ND	5430
BROMOFORM	ND	5430
BROMOMETHANE	ND	5430
CARBON TETRACHLORIDE	ND	5430
CHLOROBENZENE	ND	5430
CHLOROETHANE	ND	5430
CHLOROFORM	ND	5430
CHLOROMETHANE	ND	5430
DIBROMODICHLOROMETHANE	ND	5430
DICHLORDIFLUOROMETHANE	ND	5430
1,1-DICHLOROETHANE	ND	5430
1,2-DICHLOROETHANE	ND	5430
1,1-DICHLOROETHENE	ND	5430
TRANS-1,2-DICHLOROETHENE	ND	5430
1,2-DICHLOROPROPANE	ND	5430
CIS-1,3-DICHLOROPROPENE	ND	5430
TRANS-1,3-DICHLOROPROPENE	ND	5430
METHYLENE CHLORIDE	ND	5430
1,1,2,2-TETRACHLOROETHANE	ND	5430
TETRACHLOROETHENE	112000	5430
1,1,1-TRICHLOROETHANE	ND	5430
1,1,2-TRICHLOROETHANE	ND	5430
TRICHLOROETHENE	ND	5430
TRICHLOROFLUOROMETHANE	ND	5430
VINYL CHLORIDE	ND	5430

% SURROGATE RECOVERY 77.35%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORD, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/31/93
DILUTION FACTOR: 100000
ANALYST: ELYSSA
pk

PARAMETER	CLIENT ID.> ST-3-10-12 SAMPLE ID.> 09	MDL
BENZENE	ND	5430
ETHYLBENZENE	ND	5430
1,2-DICHLOROBENZENE	ND	5430
1,3-DICHLOROBENZENE	ND	5430
1,4-DICHLOROBENZENE	ND	5430
TOLLENE	60200	5430
TOTAL XYLENES	ND	109000

% SURROGATE RECOVERY 97.45%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLLENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 04/05/93
DILUTION FACTOR: 100
ANALYST: ELYSSA
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PARAMETER	CLIENT ID.> LB3B-18-20 SAMPLE ID.> 10	MDL
BROMODICHLOROMETHANE	ND	51.8
BROMOFORM	ND	51.8
BROMOMETHANE	ND	51.8
CARBON TETRACHLORIDE	ND	51.8
CHLOROBENZENE	ND	51.8
CHLOROETHANE	ND	51.8
CHLOROFORM	ND	51.8
CHLOROMETHANE	ND	51.8
DIBROMODICHLOROMETHANE	ND	51.8
DICHLORODIFLUOROMETHANE	ND	51.8
1,1-DICHLOROETHANE	ND	51.8
1,2-DICHLOROETHANE	ND	51.8
1,1-DICHLOROETHENE	ND	51.8
TRANS-1,2-DICHLOROETHENE	ND	51.8
1,2-DICHLOROPROPANE	ND	51.8
CIS-1,3-DICHLOROPROPENE	ND	51.8
TRANS-1,3-DICHLOROPROPENE	ND	51.8
METHYLENE CHLORIDE	ND	51.8
1,1,2,2-TETRACHLOROETHANE	ND	51.8
TETRACHLOROETHENE	ND	51.8
1,1,1-TRICHLOROETHANE	84.5	51.8
1,1,2-TRICHLOROETHANE	ND	51.8
TRICHLOROETHENE	ND	51.8
TRICHLOROFLUOROMETHANE	ND	51.8
VINYL CHLORIDE	ND	51.8

% SURROGATE RECOVERY 74.22%

MDL=MINIMUM DETECTION LIMIT

ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 04/05/93
DILUTION FACTOR: 100
ANALYST: ELYSSA
✓

PARAMETER	CLIENT ID.> LB38-18-20 SAMPLE ID.> 10	MDL
BENZENE	ND	51.8
ETHYLBENZENE	ND	51.8
1,2-DICHLOROBENZENE	ND	51.8
1,3-DICHLOROBENZENE	ND	51.8
1,4-DICHLOROBENZENE	ND	51.8
TOLUENE	ND	51.8
TOTAL XYLENES	ND	104

% SURROGATE RECOVERY 101.49%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 04/05/93
DILUTION FACTOR: 100
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> SAMPLE ID.>	FD-6 11	MDL
BROMODICHLOROMETHANE		ND	54.9
BROMOFORM		ND	54.9
BROMOMETHANE		ND	54.9
CARBON TETRACHLORIDE		ND	54.9
CHLOROBENZENE		ND	54.9
CHLOROETHANE		ND	54.9
CHLOROFORM		ND	54.9
CHLOROMETHANE		ND	54.9
DIBROMODICHLOROMETHANE		ND	54.9
DICHLORODIFLUOROMETHANE		ND	54.9
1,1-DICHLOROETHANE		ND	54.9
1,2-DICHLOROETHANE		ND	54.9
1,1-DICHLOROETHENE		ND	54.9
TRANS-1,2-DICHLOROETHENE		ND	54.9
1,2-DICHLOROPROPANE		ND	54.9
CIS-1,3-DICHLOROPROPENE		ND	54.9
TRANS-1,3-DICHLOROPROPENE		ND	54.9
METHYLENE CHLORIDE		ND	54.9
1,1,2,2-TETRACHLOROETHANE		ND	54.9
TETRACHLOROETHENE		1270	54.9
1,1,1-TRICHLOROETHANE		ND	54.9
1,1,2-TRICHLOROETHANE		ND	54.9
TRICHLOROETHENE		ND	54.9
TRICHLOROFLUOROMETHANE		ND	54.9
VINYL CHLORIDE		ND	54.9

% SURROGATE RECOVERY 72.96%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 04/05/93
DILUTION FACTOR: 100
ANALYST: ELYSSA

PARAMETER	CLIENT ID.> SAMPLE ID.>	FD-6 11	MDL
BENZENE		ND	54.9
ETHYLBENZENE		ND	54.9
1,2-DICHLOROBENZENE		ND	54.9
1,3-DICHLOROBENZENE		ND	54.9
1,4-DICHLOROBENZENE		ND	54.9
TOLUENE		ND	54.9
TOTAL XYLENES		ND	110

% SURROGATE RECOVERY 100.53%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/22/93
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

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PARAMETER	CLIENT ID.> FIELD BLANK	MDL
	SAMPLE ID.> 12	
BROMODICHLOROMETHANE	ND	0.50
BROMOFORM	ND	0.50
BROMOMETHANE	ND	0.50
CARBON TETRACHLORIDE	ND	0.50
CHLOROBENZENE	ND	0.50
CHLOROETHANE	ND	0.50
CHLOROFORM	ND	0.50
CHLOROMETHANE	ND	0.50
DIBROMODICHLOROMETHANE	ND	0.50
DICHLORODIFLUOROMETHANE	ND	0.50
1,1-DICHLOROETHANE	ND	0.50
1,2-DICHLOROETHANE	ND	0.50
1,1-DICHLOROETHENE	ND	0.50
TRANS-1,2-DICHLOROETHENE	ND	0.50
1,2-DICHLOROPROPANE	ND	0.50
CIS-1,3-DICHLOROPROPENE	ND	0.50
TRANS-1,3-DICHLOROPROPENE	ND	0.50
METHYLENE CHLORIDE	1.6	0.50
1,1,2,2-TETRACHLOROETHANE	ND	0.50
TETRACHLOROETHENE	0.60	0.50
1,1,1-TRICHLOROETHANE	ND	0.50
1,1,2-TRICHLOROETHANE	ND	0.50
TRICHLOROETHENE	ND	0.50
TRICHLOROFLUOROMETHANE	ND	0.50
VINYL CHLORIDE	ND	0.50

% SURROGATE RECOVERY 70.91%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299
DATE COLLECTED: 03/17/93
DATE RECEIVED: 03/18/93
DATE ANALYZED: 03/22/93
DILUTION FACTOR: 1.0
ANALYST: ELYSSA ✓

PARAMETER	CLIENT ID.> FIELD BLANK SAMPLE ID.> 12	MDL
BENZENE	ND	0.50
ETHYLBENZENE	ND	0.50
1,2-DICHLOROBENZENE	ND	0.50
1,3-DICHLOROBENZENE	ND	0.50
1,4-DICHLOROBENZENE	ND	0.50
TOLUENE	ND	0.50
TOTAL XYLENES	ND	1.0

% SURROGATE RECOVERY 93.44%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (90-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299

DATE ANALYZED: 03/22/92
DILUTION FACTOR: 1.0
ANALYST: ELYSSA
✓

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BROMODICHLOROMETHANE		ND	0.50
BROMOFORM		ND	0.50
BROMOMETHANE		ND	0.50
CARBON TETRACHLORIDE		ND	0.50
CHLOROBENZENE		ND	0.50
CHLOROETHANE		ND	0.50
CHLOROFORM		ND	0.50
CHLOROMETHANE		ND	0.50
DIBROMODICHLOROMETHANE		ND	0.50
DICHLORODIFLUOROMETHANE		ND	0.50
1,1-DICHLOROETHANE		ND	0.50
1,2-DICHLOROETHANE		ND	0.50
1,1-DICHLOROETHENE		ND	0.50
TRANS-1,2-DICHLOROETHENE		ND	0.50
1,2-DICHLOROPROPANE		ND	0.50
CIS-1,3-DICHLOROPROPENE		ND	0.50
TRANS-1,3-DICHLOROPROPENE		ND	0.50
METHYLENE CHLORIDE		1.3	0.50
1,1,2,2-TETRACHLOROETHANE		ND	0.50
TETRACHLOROETHENE		ND	0.50
1,1,1-TRICHLOROETHANE		ND	0.50
1,1,2-TRICHLOROETHANE		ND	0.50
TRICHLOROETHENE		ND	0.50
TRICHLOROFLUOROMETHANE		ND	0.50
VINYL CHLORIDE		ND	0.50

% SURROGATE RECOVERY 76.26%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299

DATE ANALYZED: 03/22/95
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

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PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BENZENE		ND	0.50
ETHYLBENZENE		ND	0.50
1,2-DICHLOROBENZENE		ND	0.50
1,3-DICHLOROBENZENE		ND	0.50
1,4-DICHLOROBENZENE		ND	0.50
TOLUENE		ND	0.50
TOTAL XYLENES		ND	1.0

% SURROGATE RECOVERY 92.61%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299

DATE ANALYZED: 03/26/92
DILUTION FACTOR: 1.0
ANALYST: ELYSSA
✓

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BROMODICHLOROMETHANE		ND	0.50
BROMOFORM		ND	0.50
BROMOMETHANE		ND	0.50
CARBON TETRACHLORIDE		ND	0.50
CHLOROBENZENE		ND	0.50
CHLOROETHANE		ND	0.50
CHLOROFORM		ND	0.50
CHLOROMETHANE		ND	0.50
DIBROMODICHLOROMETHANE		ND	0.50
DICHLORODIFLUOROMETHANE		ND	0.50
1,1-DICHLOROETHANE		ND	0.50
1,2-DICHLOROETHANE		ND	0.50
1,1-DICHLOROETHENE		ND	0.50
TRANS-1,2-DICHLOROETHENE		ND	0.50
1,2-DICHLOROPROPANE		ND	0.50
CIS-1,3-DICHLOROPROPENE		ND	0.50
TRANS-1,3-DICHLOROPROPENE		ND	0.50
METHYLENE CHLORIDE		ND	0.50
1,1,2,2-TETRACHLOROETHANE		ND	0.50
TETRACHLOROETHENE		ND	0.50
1,1,1-TRICHLOROETHANE		ND	0.50
1,1,2-TRICHLOROETHANE		ND	0.50
TRICHLOROETHENE		ND	0.50
TRICHLOROFLUOROMETHANE		ND	0.50
VINYL CHLORIDE		ND	0.50

% SURROGATE RECOVERY 80.17%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

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LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORD, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299

DATE ANALYZED: 03/26/93
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BENZENE		ND	0.50
ETHYLBENZENE		ND	0.50
1,2-DICHLOROBENZENE		ND	0.50
1,3-DICHLOROBENZENE		ND	0.50
1,4-DICHLOROBENZENE		ND	0.50
TOLUENE		ND	0.50
TOTAL XYLENES		ND	1.0

% SURROGATE RECOVERY 107.81%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299

DATE ANALYZED: 03/31/93
DILUTION FACTOR: 1.0
ANALYST: ELYSSA
✓

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BROMODICHLOROMETHANE		ND	0.50
BROMOFORM		ND	0.50
BROMOMETHANE		ND	0.50
CARBON TETRACHLORIDE		ND	0.50
CHLOROBENZENE		ND	0.50
CHLOROETHANE		ND	0.50
CHLOROFORM		ND	0.50
CHLOROMETHANE		ND	0.50
DIBROMOCHLOROMETHANE		ND	0.50
DICHLORODIFLUOROMETHANE		ND	0.50
1,1-DICHLOROETHANE		ND	0.50
1,2-DICHLOROETHANE		ND	0.50
1,1-DICHLOROETHENE		ND	0.50
TRANS-1,2-DICHLOROETHENE		ND	0.50
1,2-DICHLOROPROPANE		ND	0.50
CIS-1,3-DICHLOROPROPENE		ND	0.50
TRANS-1,3-DICHLOROPROPENE		ND	0.50
METHYLENE CHLORIDE		ND	0.50
1,1,2,2-TETRACHLOROETHANE		ND	0.50
TETRACHLOROETHENE		ND	0.50
1,1,1-TRICHLOROETHANE		ND	0.50
1,1,2-TRICHLOROETHANE		ND	0.50
TRICHLOROETHENE		ND	0.50
TRICHLOROFLUOROMETHANE		ND	0.50
VINYL CHLORIDE		ND	0.50

% SURROGATE RECOVERY 78.35%

MDL=MINIMUM DETECTION LIMIT

ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORD, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299

DATE ANALYZED: 03/31/93
DILUTION FACTOR: 1.0
ANALYST: ELYSSA
μ

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BENZENE		ND	0.50
ETHYLBENZENE		ND	0.50
1,2-DICHLOROBENZENE		ND	0.50
1,3-DICHLOROBENZENE		ND	0.50
1,4-DICHLOROBENZENE		ND	0.50
TOLUENE		ND	0.50
TOTAL XYLENES		ND	1.0

% SURROGATE RECOVERY 96.14%

MDL=MINIMUM DETECTION LIMIT

ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 8020

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10568

WORK ORDER #: T303299

DATE ANALYZED: 04/05/93
DILUTION FACTOR: 1.0
ANALYST: ELYSSA

W

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BROMODICHLOROMETHANE		ND	0.50
BROMOFORM		ND	0.50
BROMOMETHANE		ND	0.50
CARBON TETRACHLORIDE		ND	0.50
CHLOROBENZENE		ND	0.50
CHLOROETHANE		ND	0.50
CHLOROFORM		ND	0.50
CHLOROMETHANE		ND	0.50
DIBROMODICHLOROMETHANE		ND	0.50
DICHLORODIFLUOROMETHANE		ND	0.50
1,1-DICHLOROETHANE		ND	0.50
1,2-DICHLOROETHANE		ND	0.50
1,1-DICHLOROETHENE		ND	0.50
TRANS-1,2-DICHLOROETHENE		ND	0.50
1,2-DICHLOROPROPANE		ND	0.50
CIS-1,3-DICHLOROPROPENE		ND	0.50
TRANS-1,3-DICHLOROPROPENE		ND	0.50
METHYLENE CHLORIDE		0.92	0.50
1,1,2,2-TETRACHLOROETHANE		ND	0.50
TETRACHLOROETHENE		ND	0.50
1,1,1-TRICHLOROETHANE		ND	0.50
1,1,2-TRICHLOROETHANE		ND	0.50
TRICHLOROETHENE		ND	0.50
TRICHLOROFLUOROMETHANE		ND	0.50
VINYL CHLORIDE		ND	0.50

% SURROGATE RECOVERY 91.46%

MDL=MINIMUM DETECTION LIMIT

ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR 1-CHLORO-2-FLUOROBENZENE = (60-105)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/KG
METHOD 8010

042

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION: NJ 02046
NY 10588

WORK ORDER #: T303299

DATE ANALYZED: 04/05/93
DILUTION FACTOR: 1.0
ANALYST: ELYSSA
✓

PARAMETER	SAMPLE ID.>	METHOD BLANK	MDL
BENZENE		ND	0.50
ETHYLBENZENE		ND	0.50
1,2-DICHLOROBENZENE		ND	0.50
1,3-DICHLOROBENZENE		ND	0.50
1,4-DICHLOROBENZENE		ND	0.50
TOLUENE		ND	0.50
TOTAL XYLENES		ND	1.0

% SURROGATE RECOVERY 102.93%

MDL=MINIMUM DETECTION LIMIT
ND=NOT DETECTED AT MDL

% SURROGATE RECOVERY RANGE FOR @,@,@-TRIFLUOROTOLUENE = (80-125)

* SOME PARAMETERS MAY BE RUN AT VARIOUS DILUTIONS
TO BE QUANTIFIED IN RANGE

ALL RESULTS EXPRESSED AS UG/L
METHOD 8020

INITIAL CALIBRATION(HECD)
LABORATORY RESOURCES, INC.

DATE: JANUARY 19, 1993

TRACOR 9000

COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	MSD
2CL-2FL-METHANE	0.26553	0.647767	0.45793	0.466573	0.361501	0.43986	32.31109
CHLOROMETHANE	0.075618	0.302721	0.089668	0.08655	0.05911	0.122733	82.55585
VINYL CHLORIDE	1.384367	1.847284	1.503032	1.598063	1.27741	1.522031	14.34655
BROMOMETHANE	0.441189	0.680614	0.392134	0.443981	0.40437	0.472458	25.08976
CHLOROETHANE	0.744495	1.3673	0.785044	0.795849	0.641064	0.86675	33.04467
3CL-FL-METHANE	3.202395	4.046369	3.608715	3.89383	3.266129	3.603488	10.33842
1,1-DICHLOROETHENE	2.459014	2.381727	2.44181	2.749008	2.180013	2.442314	8.361482
METHYLENE CHLORIDE	2.118083	2.241557	1.989135	2.166296	1.739126	2.05084	9.604635
T-1,2-2CL-ETHENE	2.377887	2.47404	2.47909	2.699442	2.210829	2.448258	7.2503
1,1-DICHLOROETHANE	2.566372	2.444171	2.594664	2.839277	2.269506	2.542798	8.238978
2,2-DICHLOROPROPANE	0.235225	0.249739	0.331051	0.322436	0.250074	0.277705	16.30075
CIS-1,2-DICHLOROETHENE	1.944943	2.043771	2.106578	2.238969	1.856005	2.038053	7.232374
CHLOROFORM	3.784723	3.312924	3.526521	3.866865	3.223281	3.542863	7.967785
BROMOCHLOROMETHANE	1.506055	1.338636	1.286142	1.446119	1.374504	1.390291	6.258346
1,1,1-TRICHLOROETHANE	3.033024	2.920083	3.303528	3.293741	2.616771	3.033429	9.42802
1,1-DICHLOROPROPENE	1.283953	1.678177	1.513104	1.656925	1.359758	1.498383	11.69712
CARBON 4CHLORIDE	3.574007	3.585607	4.036803	4.173411	3.423401	3.758646	8.68068
1,2-DICHLOROETHANE	1.004877	1.212066	0.975653	1.166797	0.906701	1.053219	12.37533
TRICHLOROETHENE	2.422794	2.611825	2.526626	2.789614	2.323767	2.534925	7.05711
1,2-2CL-PROPANE	2.251963	2.08593	1.853763	2.30907	1.977228	2.095591	9.010257
BR-2CL-METHANE	1.159457	1.603346	1.46561	1.71891	1.682764	1.526017	14.86294
DIBROMOMETHANE	0	1.162884	0.882786	1.36394	1.071687	1.120324	17.84827
CIS-1,3-2CLPROPENE	1.818322	1.616391	1.642115	1.763718	1.658048	1.699719	5.108743
TRANS-1,3-2CLPROPENE	0.974275	0.944254	0.838055	1.075286	0.98122	0.962618	8.849792
1,1,2-3CL-ETHANE	2.701335	1.986658	1.768972	2.105827	1.826436	2.077846	17.95017
TETRACHLOROETHENE	4.290943	4.046494	3.598081	4.197853	3.682454	3.963165	7.792937
1,3-DICHLOROPROPANE	0	0	0	0	0	0	ERR
2BR-CL-METHANE	1.127089	0.952033	0.870576	1.099168	1.083255	1.026424	10.7254
1,2-DIBROMOETHANE	0.557329	0.540908	0.490489	0.705667	0.59571	0.578021	13.96778
CHLOROBENZENE	0.481823	0.693645	0.526961	0.506362	0.474256	0.53661	16.81276
1,1,1,2-4CL-ETHANE	3.25387	2.953753	2.88147	3.049395	2.686588	2.965015	7.058164
BROMOFORM	0.437382	0.42394	0.37441	0.494251	0.480063	0.442009	10.78789
1,1,2,2-4CL-ETHANE	0.987201	0.800544	0.797406	0.901186	0.873783	0.872024	9.028931
1,2,3-3CL-PROPANE	0.698577	0.548261	0.541958	0.636782	0.601664	0.605448	10.75824
BROMOBENZENE	0.831454	0.736828	0.672874	0.808518	0.74566	0.759067	8.276852
2-CHLOROTOLUENE	0.41822	0.595361	0.424552	0.431453	0.398024	0.453522	17.69845
4-CHLOROTOLUENE	1.060283	0.986258	0.846404	0.970211	0.856201	0.943871	9.656268
1,3-DICHLOROBENZENE	0.927935	1.129241	0.934386	0.953239	0.839004	0.956761	11.08104
1,4-DICHLOROBENZENE	1.100631	1.28126	0.999377	1.042406	0.907984	1.066331	13.05356
1,2-DICHLOROBENZENE	0.749741	0.822876	0.668053	0.681703	0.616056	0.707686	11.32194
1,2-2BR-3-CL-PROPANE	0.100022	0.087359	0.07279	0.089872	0.109253	0.091859	14.97617
1,2,4-3CL-BENZENE	0.881409	0.937501	0.861066	0.820193	0.769561	0.853946	7.417022
6CL-BUTADIENE	3.085379	2.652711	2.989481	2.876915	2.694831	2.859863	6.497049
1,2,3-3CL-BENZENE	0.714131	0.78177	0.770374	0.729684	0.648998	0.728991	7.232146

INITIAL CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: JANUARY 19, 1993

TRACOR 9000

COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	ZRSD
VINYL CHLORIDE	0.164355	0.218416	0.186558	0.188792	0.179719	0.187568	10.51049
1,1-DICHLOROETHENE	0.522789	0.607938	0.600778	0.604507	0.56795	0.580792	6.224719
T-1,2-2CL-ETHENE	1.302377	1.465421	1.461677	1.448939	1.350462	1.405775	5.310931
CIS-1,2-DICHLOROETHENE	0.460694	0.501437	0.60981	0.587417	0.552213	0.542314	11.29965
1,1-DICHLOROPROPENE	0.515182	0.60207	0.583906	0.616149	0.577711	0.579004	6.694971
BENZENE	1.62784	1.764734	1.730813	1.751113	1.631137	1.701127	3.909867
TRICHLOROETHENE	0.906168	1.00127	0.978787	0.959538	0.883566	0.945866	5.232395
CIS-1,3-2CLPROPENE	0.264695	0.27671	0.260355	0.277954	0.271462	0.270235	2.814067
TOLUENE	1.680005	1.823717	1.776546	1.754901	1.644553	1.735944	4.193101
TRANS-1,3-2CLPROPENE	0.246005	0.254019	0.235114	0.254312	0.253682	0.248627	3.343561
TETRACHLOROETHENE	0.724466	0.82761	0.811742	0.79664	0.736344	0.77936	5.928375
CHLOROBENZENE	1.697571	1.749934	1.697003	1.69737	1.604709	1.689317	3.107771
ETHYLBENZENE	1.511103	1.6047	1.552051	1.469856	1.346559	1.496854	6.528459
M,P-XYLENE	3.898796	4.072906	4.00033	3.850207	3.570659	3.87858	4.969681
O-XYLENE	1.430956	1.530135	1.467076	1.46772	1.392286	1.457635	3.503081
STYRENE	1.835098	1.853116	1.809885	1.807126	1.725008	1.806047	2.718565
ISOPROPYLBENZENE	1.177101	1.303832	1.281158	1.254957	1.178086	1.239027	4.736617
N-PROPYLBENZENE;BROMOBENZENE	3.134213	3.217568	3.146123	3.099359	2.937098	3.106872	3.353506
135-TMB;2-CLTOLUENE	3.852085	3.978679	3.915254	3.807252	3.564005	3.823455	4.154301
4-CL-TOLUENE	1.732577	1.813211	1.762136	1.714664	1.610522	1.726622	4.335691
TERT-BUTYL-BENZENE	1.0233	1.148651	1.138634	1.162324	1.160876	1.126757	5.204002
124-3METHYL-BENZENE	1.711091	1.853397	1.798281	1.718593	1.570233	1.730319	6.190969
SEC-BUTYL-BENZENE	1.193106	1.305042	1.281166	1.26423	1.184048	1.245518	4.340312
P-ISOPROPYLTOLUENE	1.165895	1.307906	1.286613	1.2635	1.206235	1.24603	4.711514
1,3-2CL-BENZENE	1.456144	1.484367	1.433233	1.438107	1.371782	1.436727	2.886321
1,4-2CL-BENZENE	1.328152	1.342429	1.283579	1.297989	1.259363	1.302303	2.573025
N-BUTYL-BENZENE	1.263349	1.414815	1.409279	1.388832	1.312707	1.357796	4.915478
1,2-2CL-BENZENE	1.010406	0.997024	0.94216	0.969085	0.952654	0.974266	2.969832
124-TRICHLOROBENZENE	0.706583	0.638041	0.628766	0.6448	0.643529	0.652344	4.747791
6CL-BUTADIENE	0.691503	0.729511	0.732699	0.725166	0.684652	0.712706	3.194975
NAPHTHALENE	0.711891	0.532301	0.496212	0.529843	0.553759	0.564801	15.00783
1,2,3-3CL-BENZENE	0.655713	0.556123	0.530882	0.551128	0.564146	0.571598	8.502152

INITIAL CALIBRATION(HECD)
LABORATORY RESOURCES, INC.

DATE: MARCH 12, 1993

TRACOR 9000

COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	%RSD
2CL-2FL-METHANE	0.220495	0.259864	0.29409	0.362015	0.283218	0.283936	18.30395
CHLOROMETHANE	0.253962	0.336642	0.354158	0.392782	0.295592	0.326627	16.4004
VINYL CHLORIDE	1.097361	1.187438	0.974871	1.18491	1.022889	1.093494	8.706233
BROMOMETHANE	0.264474	0.314321	0.303858	0.347635	0.125079	0.271074	32.03561
CHLOROETHANE	1.264355	1.278529	1.037505	1.103515	0.750757	1.086932	19.72793
3CL-FL-METHANE	2.097894	2.03466	1.682952	1.924322	1.594623	1.86689	11.75904
1,1-DICHLOROETHENE	1.996551	1.802613	1.584094	1.875902	1.489015	1.749635	11.95629
METHYLENE CHLORIDE	3.240408	2.759339	2.205102	2.428196	1.931809	2.512971	20.1889
T-1,2-2CL-ETHENE	2.015666	2.020534	1.764207	2.054932	1.640083	1.899084	9.777167
1,1-DICHLOROETHANE	1.928115	2.052676	1.77205	2.095582	1.678193	1.905323	9.380668
2,2-DICHLOROPROPANE	1.362907	1.48509	1.246334	1.468958	1.200007	1.352659	9.480151
CIS-1,2-DICHLOROETHENE	2.358261	2.412285	2.015311	2.351555	1.848491	2.197181	11.39434
CHLOROFORM	2.999459	2.879962	2.487474	2.735631	2.203319	2.661169	11.99616
BROMOCHLOROMETHANE	1.307449	1.374854	1.175088	1.350688	1.123551	1.266326	8.766513
1,1,1-TRICHLOROETHANE	2.566987	2.550737	2.035877	2.372223	1.970302	2.299225	12.2598
1,1-DICHLOROPROPENE	1.621909	1.575273	1.347864	1.480461	1.309929	1.467087	9.318922
CARBON 4CHLORIDE	3.525036	3.29291	2.766695	3.285	2.506572	3.075243	13.72195
1,2-DICHLOROETHANE	1.877189	2.106427	1.809175	2.04193	1.65703	1.89835	9.51648
TRICHLOROETHENE	2.253843	2.39724	1.972391	2.287778	1.899179	2.162086	9.936541
1,2-2CL-PROPANE	1.828301	1.804313	1.617319	1.981923	1.556211	1.757613	9.761239
BR-2CL-METHANE	1.266448	1.42432	1.328488	1.617985	1.259075	1.379263	10.80073
DIBROMOMETHANE	1.311113	1.143595	1.215988	1.515798	1.229207	1.28314	11.14502
CIS-1,3-2CLPROPENE	1.763166	1.827278	1.561234	2.003939	1.530515	1.737226	11.28076
TRANS-1,3-2CLPROPENE	1.067174	1.127065	0.995948	1.311178	1.059472	1.112167	10.83977
1,1,2-3CL-ETHANE	3.11782	2.736467	2.192824	2.428817	2.092074	2.513601	16.67259
TETRACHLOROETHENE	2.181686	2.105127	1.980887	2.211613	1.825805	2.041024	8.659755
1,3-DICHLOROPROPANE	2.402412	2.35785	1.927266	1.97709	1.750617	2.083047	13.65269
2BR-CL-METHANE	1.118661	1.276347	1.043051	1.249622	1.089967	1.15553	8.842324
1,2-DIBROMOETHANE	0.556378	0.79198	0.681647	0.845598	0.808849	0.73689	16.00905
CHLOROBENZENE	0.686851	0.697748	0.646933	0.793752	0.629856	0.691028	9.23812
1,1,1,2-4CL-ETHANE	3.068265	2.928527	2.449363	2.922098	2.323237	2.738298	12.03754
BROMOFORM	0	0.570759	0.539913	0.74589	0.631954	0.622129	14.61793
1,1,2,2-4CL-ETHANE	1.123291	1.334244	1.181956	1.524136	1.337109	1.300148	12.03575
1,2,3-3CL-PROPANE	0.660291	0.815422	0.769813	1.086005	0.921016	0.85051	18.99102
BROMOBENZENE	0.774872	0.867915	0.739763	0.826107	0.7072	0.783172	8.262621
2-CHLOROTOLUENE	0.706384	0.725702	0.663315	0.759212	0.614497	0.693822	8.112671
4-CHLOROTOLUENE	1.155448	1.187472	1.0032	1.192102	0.964222	1.100489	9.85133
1,3-DICHLOROBENZENE	1.225311	1.254306	1.114866	1.352015	1.050033	1.199306	9.903982
1,4-DICHLOROBENZENE	1.515021	1.589354	1.293752	1.500638	1.324285	1.44461	8.910956
1,2-DICHLOROBENZENE	1.312134	1.346777	1.1165	1.432734	1.181004	1.27783	10.00113
1,2-2BR-3-CL-PROPANE	0.135548	0.184892	0.185466	0.299798	0.197924	0.200726	30.0519
1,2,4-3CL-BENZENE	1.292222	1.472522	1.199305	1.534861	1.196332	1.339048	11.70395
6CL-BUTADIENE	2.441134	2.40135	2.053455	2.282066	1.921734	2.219948	10.13138
1,2,3-3CL-BENZENE	1.208019	1.442399	1.202939	1.485093	1.239439	1.315578	10.39958

INITIAL CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: MARCH 12, 1993

TRACOR 9000

COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	XRSD
VINYL CHLORIDE	0.140996	0.158906	0.145053	0.160793	0.154124	0.151974	5.687728
1,1-DICHLOROETHENE	0.411258	0.448841	0.426028	0.477016	0.450929	0.442814	5.701346
T-1,2-2CL-ETHENE	1.052349	1.164382	1.098219	1.232339	1.165248	1.142507	6.056957
CIS-1,2-DICHLOROETHENE	0.49137	0.606385	0.516325	0.436049	0.420787	0.494183	14.9571
1,1-DICHLOROPROPENE	0.448197	0.494937	0.453811	0.414448	0.428643	0.448007	6.82283
BENZENE	1.346865	1.49776	1.38349	1.397549	1.363096	1.397752	4.231901
TRICHLOROETHENE	0.739876	0.808414	0.757026	0.822012	0.783512	0.782168	4.38195
CIS-1,3-2CLPROPENE	0.272052	0.308328	0.303676	0.349114	0.336685	0.313971	9.615887
TOLUENE	1.389511	1.473594	1.379721	1.511715	1.429564	1.436821	3.892608
TRANS-1,3-2CLPROPENE	0.292038	0.343337	0.336768	0.394755	0.382036	0.349786	11.62002
TETRACHLOROETHENE	0.579105	0.627277	0.58858	0.652846	0.658242	0.62121	5.830028
CHLOROBENZENE	1.37185	1.487906	1.416929	1.580512	1.503756	1.47219	5.486775
ETHYLBENZENE	1.253258	1.324334	1.241262	1.356909	1.28981	1.293114	3.735377
M,P-XYLENE	3.119301	3.251872	3.04677	3.354268	3.155009	3.185444	3.762087
O-XYLENE	1.161871	1.239597	1.182944	1.318401	1.267369	1.234036	5.137524
STYRENE	1.536996	1.647229	1.595431	1.779237	1.702153	1.652209	5.673968
ISOPROPYLBENZENE	0.945632	1.010422	0.954618	1.067387	1.011351	0.997882	4.953036
N-PROPYLBEN;BROMOBENZENE	2.653385	2.853427	2.704236	3.03267	2.888643	2.826472	5.365905
135-TMB;2-CLTOLUENE	3.085894	3.27494	3.066028	3.373839	3.221384	3.204417	4.043819
4-CL-TOLUENE	1.41534	1.466837	1.420669	1.639538	1.518832	1.492243	6.186049
TERT-BUTYL-BENZENE	0.864247	0.969887	0.842561	1.053798	0.930733	0.932245	9.111673
124-3METHYL-BENZENE	1.37252	1.417474	1.43473	1.523485	1.470319	1.443706	3.93496
SEC-BUTYL-BENZENE	0.893488	0.978774	0.918496	1.046959	0.991625	0.965868	6.316567
P-ISOPROPYLTOLUENE	0.952539	1.020354	0.970721	1.111278	1.044046	1.019788	6.180319
1,3-2CL-BENZENE	1.202615	1.342451	1.294886	1.478441	1.403001	1.344279	7.798421
1,4-2CL-BENZENE	1.104423	1.274945	1.231832	1.415509	1.343874	1.274117	9.240212
N-BUTYL-BENZENE	1.036884	1.110271	1.058273	1.212393	1.138818	1.111328	6.25487
1,2-2CL-BENZENE	0.94083	1.061927	1.020923	1.189927	1.132379	1.069197	9.047244
124-TRICHLOROBENZENE	0.636009	0.761958	0.73484	0.885613	0.834913	0.770667	12.4514
6CL-BUTADIENE	0.573293	0.618683	0.592133	0.674678	0.631303	0.618018	6.29683
NAPHTHALENE	0.689838	0.922082	0.898477	1.169226	1.122381	0.960401	20.05233
1,2,3-3CL-BENZENE	0.629396	0.784216	0.751868	0.924826	0.863126	0.790686	14.25327

INITIAL CALIBRATION (HELD)
LABORATORY RESOURCES, INC.

DATE: MARCH 23, 1993

TRACER 9000

COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF 30.00	RF 35.00
2CL-2FL-METHANE	0.136413	0.349363	0.413634	0.393718	0.415467	0.341719	34.47781
CHLOROMETHANE	0.350709	0.49929	0.492289	0.399769	0.408627	0.430131	14.95698
VINYL CHLORIDE	1.210333	1.405049	1.396669	1.320265	1.254443	1.317352	6.508024
BROMOMETHANE	0.167008	0.228813	0.258394	0.218933	0.174399	0.20951	18.31595
CHLOROETHANE	1.168577	1.492944	1.326933	1.093293	0.931035	1.20255	17.96085
3CL-FL-METHANE	1.707551	2.342174	2.164005	1.830383	1.770497	1.962928	14.04579
1,1-DICHLOROETHENE	1.997559	2.144676	2.152218	1.87996	1.757184	1.986319	8.593312
METHYLENE CHLORIDE	2.795305	2.727102	2.462012	2.160037	2.056381	2.444167	13.31757
1,1,2-2CL-ETHENE	2.192826	2.402278	2.235126	1.974717	1.900067	2.141003	9.509902
1,1-DICHLOROETHANE	2.136336	2.34595	2.113444	1.887954	1.929805	2.082708	8.602198
2,2-DICHLOROPROPANE	1.410844	1.573541	1.410207	1.47122	1.353687	1.457904	5.047414
CIS-1,2-DICHLOROETHENE	2.448667	2.687127	2.192479	2.147613	2.042897	2.383757	11.33554
CHLOROFORM	3.284692	3.213098	2.669532	2.75345	2.603875	2.904809	10.79095
BROMOCHLOROMETHANE	1.461833	1.47909	1.287424	1.28897	1.242161	1.351896	8.13861
1,1,1-TRICHLOROETHANE	2.647466	2.851608	2.490866	2.359187	2.280257	2.525377	9.075117
1,1-DICHLOROPROPENE	1.570617	1.761508	1.682714	1.608366	1.477223	1.620126	6.653339
CARBON TETRACHLORIDE	3.473933	3.533271	3.159991	2.999098	2.777993	3.183657	9.985091
1,2-DICHLOROETHANE	2.449751	2.325016	2.190216	2.140729	1.901275	2.200997	9.376047
TRICHLOROETHENE	2.359321	2.673126	2.366479	2.250547	2.108609	2.351616	8.841405
1,2-2CL-PROPANE	1.982229	2.153003	1.953512	1.859924	1.760345	1.941803	7.551521
BR-2CL-METHANE	1.563373	1.784185	1.569199	1.508523	1.509325	1.586921	7.181302
DIBROMOMETHANE	1.37782	1.390454	1.372906	1.421	1.185532	1.349542	6.933606
CIS-1,3-2CLPROPENE	1.945541	2.009105	1.904386	1.843013	1.712189	1.882847	5.999813
TRANS-1,3-2CLPROPENE	1.268202	1.349597	1.320804	1.200193	1.217225	1.271204	5.063236
1,1,2-3CL-ETHANE	3.792196	3.10888	2.987446	2.521789	2.370082	2.956079	18.95174
TETRACHLOROETHENE	2.391134	2.390321	2.289561	2.158357	2.068635	2.259602	6.336615
1,3-DICHLOROPROPANE	2.726117	2.655069	2.642452	2.275774	2.146976	2.491284	10.49032
2BR-CL-METHANE	1.388819	1.202615	1.347385	1.243971	1.244326	1.285423	6.124928
1,2-DIBROMOETHANE	0.809949	0.633613	0.899839	0.892731	0.919413	0.831109	14.20748
CHLOROBENZENE	0.721407	0.826179	0.786962	0.731933	0.751366	0.763569	5.630928
1,1,1,2-4CL-ETHANE	3.439232	3.500647	3.126919	2.861109	2.655545	3.11669	11.67413
BROMOFORM	0.580661	0.651989	0.581825	0.621637	0.642561	0.635731	5.920321
1,1,2,2-4CL-ETHANE	1.663163	1.950857	1.837617	1.438814	1.474201	1.674931	13.49638
1,2,3-3CL-PROPANE	1.118343	1.218397	1.180807	1.066051	1.050559	1.126832	6.411951
BROMOBENZENE	0.882338	0.962376	0.919702	0.716978	0.694516	0.839132	15.15683
2-CHLOROTOLUENE	0.793767	0.923391	0.843665	0.749248	0.76254	0.814522	8.701937
4-CHLOROTOLUENE	1.09049	1.495252	1.27578	1.033145	0.94558	1.168049	18.77514
1,3-DICHLOROBENZENE	1.320502	1.529372	1.398619	1.236336	1.267548	1.350475	8.692767
1,4-DICHLOROBENZENE	1.547619	1.93	1.76298	1.392666	1.530034	1.64326	14.09284
1,2-DICHLOROBENZENE	1.473616	1.704667	1.50313	1.277201	1.314906	1.454704	11.71828
1,2-2BR-3-CL-PROPANE	0.219835	0.221455	0.306983	0.256064	0.23174	0.247216	14.72851
1,2,4-3CL-BENZENE	1.516238	1.65362	1.44917	1.326984	1.344985	1.458199	9.179834
6CL-BUTADIENE	2.998743	2.757334	2.379687	2.258242	2.224944	2.44379	9.348045
1,2,3-3CL-BENZENE	1.641332	1.710289	1.467577	1.383265	1.386364	1.521761	9.775331

INITIAL CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: MARCH 23, 1993

TRACER 9000

COMPOUND	RF 5.00	RF 10.00	RF 15.00	RF 20.00	RF 25.00	RF	WPSD
VINYL CHLORIDE	0.175755	0.167254	0.152536	0.160767	0.155079	0.162278	5.906599
1,1-DICHLOROETHENE	0.36609	0.478249	0.436269	0.447202	0.453659	0.436294	9.662824
7-1,2-DOL-ETHENE	0.485631	0.562976	0.506369	1.252259	0.519488	0.665362	49.48859
CIS-1,2-DICHLOROETHENE	0.620402	0.729239	0.647947	0.632145	0.63495	0.652737	6.63799
1,1-DICHLOROPROPENE	0.467077	0.574781	0.519269	0.506057	0.501946	0.514826	7.543768
BENZENE	1.540813	1.757121	1.590673	1.534952	1.515707	1.595859	7.259998
TRICHLOROETHENE	0.796442	0.935646	0.833585	0.817072	0.803205	0.937176	6.791499
CIS-1,3-DOLPROPENE	0.297213	0.359718	0.326495	0.314215	0.318991	0.323324	7.116974
TOLUENE	1.475476	1.713145	1.520854	1.457369	1.446998	1.522769	7.231287
TRANS-1,3-DOLPROPENE	0.33682	0.407221	0.372121	0.358059	0.362659	0.367376	7.010013
TETRACHLOROETHENE	0.669785	0.745043	0.669786	0.678313	0.668731	0.686332	4.815113
CHLOROBENZENE	1.57204	1.772345	1.573145	1.546355	1.539919	1.600701	6.046871
ETHYLBENZENE	1.416791	1.528064	1.313971	1.278212	1.221259	1.351659	9.998931
M,P-XYLENE	3.466533	3.948552	3.381653	3.265329	3.187192	3.449852	8.655711
O-XYLENE	1.315866	1.459566	1.311907	1.314157	1.302929	1.340885	4.961795
STYRENE	1.740668	1.998935	1.744254	1.714593	1.683899	1.77647	7.131952
ISOPROPYLBENZENE	1.053946	1.182014	1.058136	1.046273	1.023234	1.07272	5.832582
II-PROPYLBENZENE;BROMOBENZENE	3.08619	3.445838	3.023996	2.967524	2.914675	3.087645	6.86715
135-TMB;2-CLTOLUENE	3.531399	3.954154	3.389645	3.28899	3.238436	3.480565	8.257688
4-CL-TOLUENE	1.601611	1.763265	1.557755	1.563978	1.507799	1.598882	6.114844
TERT-BUTYL-BENZENE	0.912448	1.09063	0.968228	0.956428	1.03264	0.992075	7.044868
124-DIMETHYL-BENZENE	1.56822	1.768241	1.559734	1.548803	1.449709	1.576782	7.357812
SEC-BUTYL-BENZENE	0.982454	1.113539	1.006235	1.016123	1.013672	1.026405	4.919519
P-ISOPROPYLTOLUENE	1.03596	1.177393	1.055974	1.071744	1.064947	1.081024	5.137064
1,3-DOL-BENZENE	1.373872	1.582195	1.404136	1.37746	1.362372	1.420007	6.475135
1,4-DOL-BENZENE	1.299776	1.500288	1.344371	1.335245	1.33012	1.36196	5.869098
N-BUTYL-BENZENE	1.120664	1.303382	1.156989	1.161915	1.157629	1.180116	6.006926
1,2-DOL-BENZENE	1.145635	1.289252	1.141872	1.136756	1.130967	1.167153	5.4383
124-TRICHLOROBENZENE	0.820082	0.906816	0.789773	0.792194	0.792914	0.920356	6.061782
6CL-BUTADIENE	0.664395	0.721186	0.626674	0.642422	0.627981	0.656532	5.971297
NAPHTHALENE	1.045336	1.169829	1.054384	0.98897	1.017497	1.055203	6.53932
1,2,3-DOL-BENZENE	0.874348	0.932592	0.810319	0.807586	0.802793	0.845528	6.720666

DAILY CALIBRATION(HECD)
LABORATORY RESOURCES, INC.

DATE: JANUARY 26, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
2CL-2FL-METHANE	0.43986	0.528463	20.1434
CHLOROMETHANE	0.122733	0.520355	323.9726
VINYL CHLORIDE	1.522031	1.503948	1.188059
BROMOMETHANE	0.472456	0.355712	24.71025
CHLOROETHANE	0.86675	1.66693	92.31951
3CL-FL-METHANE	3.603488	3.862271	7.181469
1,1-DICHLOROETHENE	2.442314	2.771611	13.48297
METHYLENE CHLORIDE	2.05084	2.401007	17.07433
1,2-2CL-ETHENE	2.448258	2.576388	5.233527
1,1-DICHLOROETHANE	2.542798	2.608614	2.588335
2,2-DICHLOROPROPANE	0.277705	0.563691	102.982
CIS-1,2-DICHLOROETHENE	2.038053	2.542968	24.77437
CHLOROFORM	3.542863	3.3544	5.31951
BROMOCHLOROMETHANE	1.390291	1.214592	12.6376
1,1,1-TRICHLOROETHANE	3.033429	3.261643	7.523295
1,1-DICHLOROPROPENE	1.498383	2.444302	63.12924
CARBON 4CHLORIDE	3.758646	4.232924	12.61833
1,2-DICHLOROETHANE	1.053219	1.517652	44.09653
TRICHLOROETHENE	2.534925	3.389409	32.91945
1,2-2CL-PROPANE	2.095591	2.181405	4.094976
BR-2CL-METHANE	1.526017	1.527366	0.0884
DIBROMOMETHANE	1.120324	1.049295	6.340042
CIS-1,3-2CLPROPENE	1.699719	1.657039	2.510994
TRANS-1,3-2CLPROPENE	0.962618	0.818372	14.98481
1,1,2-3CL-ETHANE	2.077846	1.940399	6.61486
TETRACHLOROETHENE	3.963165	4.866391	22.79052
1,3-DICHLOROPROPANE	0	0	ERR
2BR-CL-METHANE	1.026424	0.867153	15.5171
1,2-DIBROMOETHANE	0.578021	0.389709	32.57863
CHLOROBENZENE	0.53661	0.868707	61.88805
1,1,1,2-4CL-ETHANE	2.965015	3.056779	3.094869
BROMOFORM	0.442009	0.334832	24.24763
1,1,2,2-4CL-ETHANE	0.872024	0.676676	22.40174
1,2,3-3CL-PROPANE	0.605448	0.425073	29.79198
BROMOBENZENE	0.759067	0.645946	14.90263
2-CHLOROTOLUENE	0.453522	0.941985	107.7043
4-CHLOROTOLUENE	0.943871	1.144711	21.27834
1,3-DICHLOROBENZENE	0.956761	1.399602	46.2854
1,4-DICHLOROBENZENE	1.066331	1.537683	44.20313
1,2-DICHLOROBENZENE	0.707686	1.124063	58.83647
1,2-2BR-3-CL-PROPANE	0.091859	0.224111	143.9719
1,2,4-3CL-BENZENE	0.853946	1.08146	26.64266
6CL-BUTADIENE	2.859863	2.969321	3.827384
1,2,3-3CL-BENZENE	0.728991	0.818587	12.2903

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: JANUARY 26, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
VINYL CHLORIDE	0.187568	0.18534	1.188006
1,1-DICHLOROETHENE	0.580792	0.594081	2.287999
T-1,2-2CL-ETHENE	1.405775	1.370903	2.490632
CIS-1,2-DICHLOROETHENE	0.542314	0.627557	15.71825
1,1-DICHLOROPROPENE	0.579004	0.650906	12.41827
BENZENE	1.701127	1.760957	3.517066
TRICHLOROETHENE	0.945866	1.001492	5.880954
CIS-1,3-2CLPROPENE	0.270235	0.231783	14.22912
TOLUENE	1.735944	1.736003	0.003395
TRANS-1,3-2CLPROPENE	0.248627	0.199632	19.7061
TETRACHLOROETHENE	0.77936	0.850117	9.078826
CHLOROBENZENE	1.689317	1.52813	9.541575
ETHYLBENZENE	1.496854	1.599669	6.200683
M,P-XYLENE	3.87858	3.928771	1.294063
O-XYLENE	1.457635	1.384424	5.022552
STYRENE	1.806047	1.656889	8.25882
ISOPROPYLBENZENE	1.239027	1.279494	3.266103
N-PROPYLBEN;BROMOBENZENE	3.106872	2.901321	6.616031
135-TMB, 2CL TOLUENE	3.823455	3.807376	0.420538
4-CL-TOLUENE	1.726622	1.638798	5.086453
TERT-BUTYL-BENZENE	1.126757	1.169409	3.785409
124-3METHYL-BENZENE	1.730319	1.617151	6.540341
SEC-BUTYL-BENZENE	1.245518	1.285226	3.189046
P-ISOPROPYLTOLUENE	1.24603	1.270271	1.945463
1,3-2CL-BENZENE	1.436727	1.305349	9.14421
1,4-2CL-BENZENE	1.302303	1.156663	11.18324
N-BUTYL-BENZENE	1.357796	1.398909	3.027916
1,2-2CL-BENZENE	0.974266	0.825321	15.28793
124-TRICHLOROBENZENE	0.652344	0.480719	26.309
6CL-BUTADIENE	0.712706	0.706656	0.84889
NAPHTHALENE	0.564801	0.34362	39.16097
1,2,3-3CL-BENZENE	0.571593	0.381877	33.19147

DAILY CALIBRATION(NECD)
LABORATORY RESOURCES, INC.

DATE: MARCH 22, 1993

TRACOR 9000

COMPOUND	RF	RF	ΔDIFF
2CL-2FL-METHANE	0.253936	0.245906	13.39361
CHLOROMETHANE	0.326627	0.271187	16.9736
VINYL CHLORIDE	1.093494	1.160613	6.138085
BROMOMETHANE	0.271074	0.149613	44.80726
CHLOROETHANE	1.086932	1.15147	5.937639
3CL-FL-METHANE	1.86689	1.871271	0.234663
1,1-DICHLOROETHENE	1.749635	1.822406	4.1592
METHYLENE CHLORIDE	2.512971	2.668389	6.184652
1,1,2-2CL-ETHENE	1.899084	1.983946	4.468547
1,1-DICHLOROETHANE	1.905323	1.750973	8.101014
2,2-DICHLOROPROPANE	1.352659	1.393443	3.015041
CIS-1,2-DICHLOROETHENE	2.197181	2.130226	3.047284
CHLOROFORM	2.661169	2.677125	0.599599
BROMOCHLOROMETHANE	1.266326	1.170011	7.605859
1,1,1-TRICHLOROETHANE	2.299225	2.476109	7.693211
1,1-DICHLOROPROPENE	1.467087	1.579616	7.670234
CARBON 4CHLORIDE	3.075243	2.917419	5.132079
1,2-DICHLOROETHANE	1.89835	1.913337	0.789466
TRICHLOROETHENE	2.162086	2.208909	2.165629
1,2-2CL-PROPANE	1.757613	1.862695	5.978624
BR-2CL-METHANE	1.379263	1.557419	12.91673
DIBROMOMETHANE	1.28314	1.351483	5.326236
CIS-1,3-2CLPROPENE	1.737226	1.713284	1.378209
TRANS-1,3-2CLPROPENE	1.112167	1.189625	6.96454
1,1,2-3CL-ETHANE	2.513601	2.739414	8.983658
TETRACHLOROETHENE	2.041024	2.165898	6.118209
1,3-DICHLOROPROPANE	2.033047	2.058589	1.17413
ZBR-CL-METHANE	1.15553	1.173875	1.587615
1,2-DIBROMOETHANE	0.73689	0.682603	7.367034
CHLOROBENZENE	0.691028	0.748059	8.253016
1,1,1,2-4CL-ETHANE	2.738298	2.835133	3.536324
BROMOFORM	0.622129	0.621932	0.031721
1,1,2,2-4CL-ETHANE	1.300148	1.375104	5.765228
1,2,3-3CL-PROPANE	0.85051	0.949831	11.67782
BROMOBENZENE	0.783172	0.751959	3.985464
2-CHLOROTOLUENE	0.693822	0.735626	6.025232
4-CHLOROTOLUENE	1.100489	1.041679	5.343985
1,3-DICHLOROBENZENE	1.199306	1.204677	0.447844
1,4-DICHLOROBENZENE	1.44461	1.449554	0.342215
1,2-DICHLOROBENZENE	1.27783	1.293053	1.191352
1,2-2BR-3-CL-PROPANE	0.200726	0.224111	11.65036
1,2,4-3CL-BENZENE	1.339048	1.282309	4.237285
6CL-BUTADIENE	2.219948	2.22231	0.106407
1,2,3-3CL-BENZENE	1.315578	1.363418	3.636447

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: MARCH 22, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
VINYL CHLORIDE	0.151974	0.137946	9.230934
1,1-DICHLOROETHENE	0.442814	0.383884	13.30815
T-1,2-2CL-ETHENE	1.142507	0.976191	14.55716
CIS-1,2-DICHLOROETHENE	0.494183	0.560429	13.40518
1,1-DICHLOROPROPENE	0.448007	0.466821	4.199479
BENZENE	1.397752	1.360874	2.638393
TRICHLOROETHENE	0.782168	0.745296	4.714158
CIS-1,3-2CLPROPENE	0.313971	0.278474	11.30573
TOLUENE	1.436821	1.278628	11.00993
TRANS-1,3-2CLPROPENE	0.349786	0.309298	11.57528
TETRACHLOROETHENE	0.62121	0.587434	5.437056
CHLOROBENZENE	1.47219	1.366382	7.18718
ETHYLBENZENE	1.293114	1.325265	2.486268
M,P-XYLENE	3.185444	3.093368	2.890532
O-XYLENE	1.234836	1.15188	6.657552
STYRENE	1.652209	1.540275	6.774836
ISOPROPYLBENZENE	0.997882	0.92965	6.937671
N-PROPYLBEN;BROMOBENZENE	2.826472	2.652567	6.152724
135-TMB,2CLTOLUENE	3.204417	3.056826	4.605853
4-CL-TOLUENE	1.492243	1.40117	6.103087
TERT-BUTYL-BENZENE	0.932245	0.84136	9.749009
124-3METHYL-BENZENE	1.443706	1.359036	5.864738
SEC-BUTYL-BENZENE	0.965868	0.87403	9.508379
P-ISOPROPYLTOLUENE	1.019788	0.916391	10.13907
1,3-2CL-BENZENE	1.344279	1.219889	9.253256
1,4-2CL-BENZENE	1.274117	1.147223	9.959326
N-BUTYL-BENZENE	1.111326	0.988227	11.07686
1,2-2CL-BENZENE	1.069197	0.963302	9.904209
124-TRICHLOROBENZENE	0.770667	0.660268	14.32504
6CL-BUTADIENE	0.618018	0.597362	3.342288
NAPHTHALENE	0.960401	0.709778	26.09564
1,2,3-3CL-BENZENE	0.790686	0.67607	14.49578

DAILY CALIBRATION(HECD)
LABORATORY RESOURCES, INC.

DATE: MARCH 26, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
2CL-2FL-METHANE	0.341719	0.120284	64.8002
CHLOROMETHANE	0.430131	0.298983	30.49011
VINYL CHLORIDE	1.317352	1.238768	5.965251
BROMOMETHANE	0.20951	0.132211	36.89508
CHLOROETHANE	1.20255	1.325613	10.23349
3CL-FL-METHANE	1.962928	2.102582	7.114539
1,1-DICHLOROETHENE	1.986319	2.188897	10.19863
METHYLENE CHLORIDE	2.444167	2.755227	12.72663
1-1,2-2CL-ETHENE	2.141003	2.482597	15.95488
1,1-DICHLOROETHANE	2.082768	2.464012	18.30809
2,2-DICHLOROPROPANE	1.467904	1.748565	19.11989
CIS-1,2-DICHLOROETHENE	2.303757	2.788614	21.04637
CHLOROFORM	2.904809	3.401141	17.08654
BROMOCHLOROMETHANE	1.351896	1.510078	11.70079
1,1,1-TRICHLOROETHANE	2.525877	3.007998	19.08728
1,1-DICHLOROPROPENE	1.620126	1.907893	17.74971
CARBON TETRACHLORIDE	3.188857	3.819268	19.76917
1,2-DICHLOROETHANE	2.200997	2.439079	10.81699
TRICHLOROETHENE	2.351616	2.699336	14.7864
1,2-2CL-PROPANE	1.941803	2.264624	16.6248
BR-2CL-METHANE	1.586921	1.814825	14.36139
DIBROMOMETHANE	1.349542	1.525381	13.02948
CIS-1,3-2CLPROPENE	1.882847	2.25497	19.76382
TRANS-1,3-2CLPROPENE	1.271204	1.390076	9.35113
1,1,2-3CL-ETHANE	2.956079	3.162278	6.97545
TETRACHLOROETHENE	2.259602	2.701399	19.55199
1,3-DICHLOROPROPANE	2.491294	2.777716	11.4974
2BR-CL-METHANE	1.285423	1.437039	11.795
1,2-DIBROMOETHANE	0.831109	0.898909	8.15772
CHLOROBENZENE	0.763569	0.88034	15.29275
1,1,1,2-4CL-ETHANE	3.11669	3.537414	13.49906
BROMOFORM	0.635731	0.68776	8.184138
1,1,2,2-4CL-ETHANE	1.674931	1.917154	14.46171
1,2,3-3CL-PROPANE	1.126832	1.306093	15.90849
BROMOBENZENE	0.839182	0.915352	9.0767
2-CHLOROTOLUENE	0.814522	0.896126	10.01861
4-CHLOROTOLUENE	1.168049	1.331671	14.00809
1,3-DICHLOROBENZENE	1.350475	1.497097	10.85702
1,4-DICHLOROBENZENE	1.64326	1.840451	12.00001
1,2-DICHLOROBENZENE	1.454704	1.603552	10.23215
1,2-2BR-3-CL-PROPANE	0.247216	0.224111	9.345897
1,2,4-3CL-BENZENE	1.458199	1.573576	7.91224
6CL-BUTADIENE	2.44379	2.665579	9.075637
1,2,3-3CL-BENZENE	1.521761	1.638848	7.694179

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: MARCH 26, 1993

TRACOR 9000

COMPOUND	RF	RF	XDIFF
VINYL CHLORIDE	0.162278	0.156297	3.655582
1,1-DICHLOROETHENE	0.436294	0.49275	12.93993
T-1,2-DCL-ETHENE	0.665382	1.317815	98.05377
CIS-1,2-DICHLOROETHENE	0.652737	0.708408	8.52886
1,1-DICHLOROPROPENE	0.514826	0.564233	9.596812
BENZENE	1.595859	1.6692	4.595669
TRICHLOROETHENE	0.837176	0.900197	7.527795
CIS-1,3-2CLPROPENE	0.323324	0.364057	12.59802
TOLUENE	1.522769	1.665182	9.35228
TRANS-1,3-2CLPROPENE	0.367376	0.410299	11.68362
TETRACHLOROETHENE	0.686332	0.761072	10.88981
CHLOROBENZENE	1.600701	1.704033	6.455429
ETHYLBENZENE	1.351659	1.474836	9.116697
M,P-XYLENE	3.449852	3.64486	5.652657
O-XYLENE	1.340885	1.444397	7.719675
STYRENE	1.77647	1.887369	6.242666
ISOPROPYLBENZENE	1.07272	1.185787	10.54014
N-PROPYLBEN;BROMOBENZENE	3.087645	3.269077	5.876072
135-TMB,2CLTOLUENE	3.480565	3.698022	6.247752
4-CL-TOLUENE	1.598882	1.752762	9.624282
TERT-BUTYL-BENZENE	0.992075	1.107029	11.58725
124-3METHYL-BENZENE	1.578782	1.691045	7.11079
SEC-BUTYL-BENZENE	1.026405	1.166964	13.69436
P-ISOPROPYLTOLUENE	1.081024	1.199526	10.96203
1,3-2CL-BENZENE	1.420007	1.562137	10.00913
1,4-2CL-BENZENE	1.36196	1.511219	10.95915
N-BUTYL-BENZENE	1.180116	1.314008	11.34568
1,2-2CL-BENZENE	1.167153	1.278893	9.573726
124-TRICHLOROBENZENE	0.820356	0.873915	6.528716
6CL-BUTADIENE	0.656532	0.729272	11.07948
NAPHTHALENE	1.055203	1.092224	3.508377
1,2,3-3CL-BENZENE	0.845528	0.912323	7.899882

DAILY CALIBRATION (NEED)
LABORATORY RESOURCES, INC.

DATE: MARCH 31, 1993

TRACOR 9000

COMPOUND	RF	RF	ΔDIFF
2CL-2FL-METHANE	0.341719	0.142671	58.24913
CHLOROMETHANE	0.430131	0.396407	7.840243
VINYL CHLORIDE	1.317352	1.117419	15.1769
BROMOMETHANE	0.20951	0.139678	33.33091
CHLOROETHANE	1.20255	1.415921	17.74317
3CL-FL-METHANE	1.962928	2.330799	18.74092
1,1-DICHLOROETHENE	1.986319	2.09423	5.432707
METHYLENE CHLORIDE	2.444167	3.905101	59.77227
T-1,2-2CL-ETHENE	2.141003	2.37369	10.86816
1,1-DICHLOROETHANE	2.082708	2.139152	2.710112
2,2-DICHLOROPROPANE	1.467904	1.35706	7.55117
CIS-1,2-DICHLOROETHENE	2.303757	2.736015	18.76318
CHLOROFORM	2.904809	3.417755	17.65851
BROMOCHLOROMETHANE	1.351896	1.457857	7.83797
1,1,1-TRICHLOROETHANE	2.525877	2.841948	12.51331
1,1-DICHLOROPROPENE	1.620126	1.834264	13.21737
CARBON TETRACHLORIDE	3.188857	3.824448	19.93161
1,2-DICHLOROETHANE	2.200997	2.428261	10.3255
TRICHLOROETHENE	2.351616	2.743751	16.67514
1,2-2CL-PROPANE	1.941803	2.274456	17.13116
BR-2CL-METHANE	1.586921	1.72435	8.660082
DIBROMOMETHANE	1.349542	1.554095	15.15719
CIS-1,3-2CLPROPENE	1.882847	2.169021	15.19899
TRANS-1,3-2CLPROPENE	1.271204	1.326515	4.35106
1,1,2-3CL-ETHANE	2.956079	3.353878	13.457
TETRACHLOROETHENE	2.259602	2.510357	11.0973
1,3-DICHLOROPROPANE	2.491284	3.026554	21.48571
2BR-CL-METHANE	1.285423	1.40849	9.574011
1,2-DIBROMOETHANE	0.831109	0.965517	16.1721
CHLOROBENZENE	0.763569	0.730073	4.386787
1,1,1,2-4CL-ETHANE	3.11669	3.497007	12.20257
BROMOFORM	0.635731	0.702033	10.42926
1,1,2,2-4CL-ETHANE	1.674931	1.956486	16.80996
1,2,3-3CL-PROPANE	1.126832	1.353039	20.07465
BROMOBENZENE	0.839182	1.076279	28.25339
2-CHLOROTOLUENE	0.814522	0.907417	11.40475
4-CHLOROTOLUENE	1.168049	1.585663	35.75306
1,3-DICHLOROBENZENE	1.350475	1.389789	2.911055
1,4-DICHLOROBENZENE	1.64326	1.787072	8.75163
1,2-DICHLOROBENZENE	1.454704	1.61822	11.24047
1,2-2BR-3-CL-PROPANE	0.247216	0.224111	9.345897
1,2,4-3CL-BENZENE	1.458199	1.480763	1.547328
6CL-BUTADIENE	2.44379	2.642064	8.113371
1,2,3-3CL-BENZENE	1.521761	1.740497	14.37387

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: MARCH 31, 1993

TRACOR 9000

COMPOUND	RF	RF	ΔDIFF
VINYL CHLORIDE	0.162278	0.129661	20.09986
1,1-DICHLOROETHENE	0.436294	0.355749	18.46112
T-1,2-2CL-ETHENE	0.665382	1.032073	55.10979
CIS-1,2-DICHLOROETHENE	0.652737	0.538198	17.54745
1,1-DICHLOROPROPENE	0.514826	0.509654	1.004618
BENZENE	1.595859	1.448719	9.22015
TRICHLOROETHENE	0.837176	0.830704	0.773061
CIS-1,3-2CLPROPENE	0.323324	0.335263	3.692407
TOLUENE	1.522769	1.428105	6.216536
TRANS-1,3-2CLPROPENE	0.367376	0.386938	5.324853
TETRACHLOROETHENE	0.686332	0.663986	3.255756
CHLOROBENZENE	1.600701	1.434272	10.39725
ETHYLBENZENE	1.351659	1.334518	1.268196
M,P-XYLENE	3.449852	3.180708	7.801617
O-XYLENE	1.340885	1.258954	6.110192
STYRENE	1.77647	1.647336	7.269131
ISOPROPYLBENZENE	1.07272	1.038127	3.22481
N-PROPYLBENZENE;BROMOBENZENE	3.087645	2.832526	8.262572
135-TMB, 2CL TOLUENE	3.480565	3.21868	7.524198
4-CL-TOLUENE	1.598882	1.479983	7.436356
TERT-BUTYL-BENZENE	0.992075	0.978061	1.412536
124-3METHYL-BENZENE	1.578782	1.448729	8.237512
SEC-BUTYL-BENZENE	1.026405	0.985507	3.984588
P-ISOPROPYLTOLUENE	1.081024	1.065689	1.418543
1,3-2CL-BENZENE	1.420007	1.349932	4.934821
1,4-2CL-BENZENE	1.36196	1.320555	3.040117
N-BUTYL-BENZENE	1.180116	1.137309	3.627349
1,2-2CL-BENZENE	1.167153	1.129437	3.231378
124-TRICHLOROBENZENE	0.820356	0.784278	4.397779
6CL-BUTADIENE	0.656532	0.629152	4.170284
NAPHTHALENE	1.055203	1.102012	4.436034
1,2,3-3CL-BENZENE	0.845528	0.842333	0.377784

DAILY CALIBRATION(HECD)
LABORATORY RESOURCES, INC.

DATE: APRIL 05, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
2CL-2FL-METHANE	0.341719	0.087031	74.53152
CHLOROMETHANE	0.430131	0.078091	81.84477
VINYL CHLORIDE	1.317352	0.866522	34.22241
BROMOMETHANE	0.20951	0.057787	72.41792
CHLOROETHANE	1.20255	1.077535	10.39583
3CL-FL-METHANE	1.962928	1.770775	9.789144
1,1-DICHLOROETHENE	1.986319	1.864533	6.131238
METHYLENE CHLORIDE	2.444167	2.329647	4.885466
T-1,2-2CL-ETHENE	2.141003	2.054542	4.038311
1,1-DICHLOROETHANE	2.082708	1.998789	4.029321
2,2-DICHLOROPROPANE	1.467904	1.318953	10.14715
CIS-1,2-DICHLOROETHENE	2.303757	2.476383	7.493264
CHLOROFORM	2.904809	2.999181	3.248795
BROMOCHLOROMETHANE	1.351896	1.284587	4.978818
1,1,1-TRICHLOROETHANE	2.525877	2.638985	4.477975
1,1-DICHLOROPROPENE	1.620126	1.690637	4.352214
CARBON TETRACHLORIDE	3.188857	3.300127	3.489338
1,2-DICHLOROETHANE	2.200997	2.298468	4.428469
TRICHLOROETHENE	2.351616	2.354259	0.11237
1,2-2CL-PROPANE	1.941803	1.997888	2.888282
BR-2CL-METHANE	1.586921	1.448008	8.753585
DIBROMOMETHANE	1.349542	1.62041	20.0711
CIS-1,3-2CLPROPENE	1.882847	1.921583	2.057338
TRANS-1,3-2CLPROPENE	1.271204	1.178047	7.328242
1,1,2-3CL-ETHANE	2.956079	3.07042	3.868012
TETRACHLOROETHENE	2.259602	2.639607	16.81735
1,3-DICHLOROPROPANE	2.491284	2.671041	7.215455
2BR-CL-METHANE	1.285423	1.284978	0.034611
1,2-DIBROMOETHANE	0.831109	0.923136	11.07277
CHLOROBENZENE	0.763569	0.690835	9.525624
1,1,1,2-4CL-ETHANE	3.11669	3.219211	3.289414
BROMOFORM	0.635731	0.501633	21.09352
1,1,2,2-4CL-ETHANE	1.674931	1.536476	8.266283
1,2,3-3CL-PROPANE	1.126832	1.787978	58.67307
BROMOBENZENE	0.839182	0	100
2-CHLOROTOLUENE	0.814522	0.767583	5.762762
4-CHLOROTOLUENE	1.168049	1.237329	5.931238
1,3-DICHLOROBENZENE	1.350475	1.185451	12.21975
1,4-DICHLOROBENZENE	1.64326	1.624256	1.156469
1,2-DICHLOROBENZENE	1.454704	1.365207	6.15227
1,2-2BR-3-CL-PROPANE	0.247216	0.224111	9.345897
1,2,4-3CL-BENZENE	1.458199	1.3294	8.832799
6CL-BUTADIENE	2.44379	2.443796	0.000254
1,2,3-3CL-BENZENE	1.521761	1.445924	4.983512

DAILY CALIBRATION(PID)
LABORATORY RESOURCES, INC.

DATE: APRIL 05, 1993

TRACOR 9000

COMPOUND	RF	RF	%DIFF
VINYL CHLORIDE	0.162278	0.122484	24.52221
1,1-DICHLOROETHENE	0.436294	0.458647	5.123516
T-1,2-2CL-ETHENE	0.665382	1.064485	59.98102
CIS-1,2-DICHLOROETHENE	0.652737	0.644186	1.309994
1,1-DICHLOROPROPENE	0.514826	0.119145	76.85718
BENZENE	1.595859	1.6087	0.80462
TRICHLOROETHENE	0.837176	0.867023	3.565191
CIS-1,3-2CLPROPENE	0.323324	0.350949	8.543964
TOLUENE	1.522769	1.480397	2.782542
TRANS-1,3-2CLPROPENE	0.367376	0.386817	5.291787
TETRACHLOROETHENE	0.686332	0.923209	34.51354
CHLOROBENZENE	1.600701	1.476486	7.760037
ETHYLBENZENE	1.351659	1.486502	9.976073
M,P-XYLENE	3.449852	3.409616	1.16632
O-XYLENE	1.340885	1.318993	1.63268
STYRENE	1.77647	1.808547	1.805677
ISOPROPYLBENZENE	1.07272	1.076409	0.343904
N-PROPYLBEN;BROMOBENZENE	3.087645	2.954307	4.318424
135-TMB, 2CLTOLUENE	3.480565	3.389965	2.60303
4-CL-TOLUENE	1.598882	1.568635	1.891735
TERT-BUTYL-BENZENE	0.992075	1.021075	2.923197
124-3METHYL-BENZENE	1.578782	1.48488	5.947708
SEC-BUTYL-BENZENE	1.026405	1.00849	1.7454
P-ISOPROPYLTOLUENE	1.081024	1.083373	0.217325
1,3-2CL-BENZENE	1.420007	1.380616	2.773987
1,4-2CL-BENZENE	1.36196	1.352857	0.668372
N-BUTYL-BENZENE	1.180116	1.133836	3.921673
1,2-2CL-BENZENE	1.167153	1.103692	5.437236
124-TRICHLOROBENZENE	0.820356	0.768101	6.369816
6CL-BUTADIENE	0.656532	0.640275	2.47618
NAPHTHALENE	1.055203	0.964991	8.549265
1,2,3-3CL-BENZENE	0.845528	0.822188	2.760324

LABORATORY RESOURCES, INC.

SPIKE / SPIKE DUPLICATE RECOVERY
(FOR REGULATED COMPOUNDS)

TRACOR 9000

DATE: JANUARY 26, 1993
SAMPLE ID. #: T301191-01

COMPOUND	SPIKE AMOUNT (UG/KG)	SAMPLE CONC. (UG/KG)	SPIKE (UG/KG)	% RECOVERY	SPIKE DUP. (UG/KG)	% RECOVERY	RPD	CONTROL LIMITS FOR % RECOVERY
BENZENE	10.00	0.00	5.73	57.29%	6.05	60.45%	5.37	11.5-131.5
CARBON TETRACHLORIDE	10.00	0.00	6.22	62.16%	6.68	66.83%	7.25	51.0-85.0
CHLOROBENZENE	10.00	0.00	7.81	78.13%	8.06	80.61%	3.13	60.0-109.2
1,2-DICHLOROBENZENE	10.00	0.00	6.32	63.20%	7.02	70.18%	10.47	51.7-110.3
1,3-DICHLOROBENZENE	10.00	0.00	5.78	57.79%	6.54	65.45%	12.44	51.2-111.3
1,4-DICHLOROBENZENE	10.00	0.00	6.48	64.84%	7.23	72.32%	10.91	44.7-107.4
1,2-DICHLOROETHANE	10.00	0.00	7.30	72.97%	7.96	79.65%	8.75	50.1-98.9
1,1-DICHLOROETHENE	10.00	0.00	7.11	71.10%	7.02	70.20%	1.27	49.2-107.4
CIS-1,2-DICHLOROETHENE	10.00	0.00	6.75	67.46%	7.44	74.44%	9.84	0.00-175.2
TRANS-1,2-DICHLOROETHENE	10.00	0.00	7.86	78.63%	8.05	80.49%	2.34	56.6-103.7
METHYLENE CHLORIDE	10.00	9.79	7.99	79.90%	8.21	82.10%	2.72	0.00-161.7
1,2,4-TRICHLOROBENZENE	10.00	0.00	6.10	61.00%	7.95	79.50%	26.33	53.6-106.8
1,1,1-TRICHLOROETHANE	10.00	0.01	7.15	71.52%	7.55	75.49%	5.39	50.8-109.8
TRICHLOROETHENE	10.00	0.00	6.15	61.48%	7.34	73.44%	17.73	49.3-109.1
TETRACHLOROETHENE	10.00	0.00	7.48	74.77%	7.96	79.56%	6.21	48.5-119.9
M,P-XYLENE	20.00	0.22	14.49	72.43%	14.82	74.10%	2.29	60.4-103.9
O-XYLENE	10.00	0.29	7.40	73.96%	7.90	79.02%	6.62	58.0-104.9
VINYL CHLORIDE	10.00	0.00	6.49	64.90%	6.65	66.50%	2.44	0.00-134.6
1-CL-2-FL-BENZENE (SURROGATE)	10.00	7.30	7.30	72.98%	7.90	78.96%	7.87	58.0-116.7
o,o,e-TRIFLUOROTOLUENE (SURROGATE)	10.00	12.16	9.77	97.69%	9.67	96.75%	0.97	91.9-108.7

ACCEPTABLE RANGE FOR RPD IS 0-20 %

GC VOLATILE RUN LOG

DATE 1/26/93

FILE NAME *AJA26*

TRACOR 9000

[illegible]

SIGNATURE

Ayssa Mark

LABORATORY RESOURCES, INC.
GC VOLATILE RUN LOG

DATE 3/22/93

FILE NAME AMR 22

TRACOR 9000

SAMPLE ID #	FILE #	ANALYSES	DILUTION	DATE/TIME	COMMENTS
STD	1		1000b	07:59	
STD	2		1000b	09:03	
STD	3		1000b	10:07	passed
BLK	4			11:44	✓
SPK	5			12:47	BLK
3296.01	6	601/602	1000X	13:51	clean
SPK DUP	7			14:54	BLK
3299.12	8	601/602	1X	15:57	
3215.04	9	↓	1X	17:01	lost
3255.01	10	602	10X		lost due to
3151.01	11	602 soil	100X		clean
3137.01	12	602 soil	500X		jam
3168.03	13	602	25X		
3168.05	14		20X		
3168.06	15		10X		
3168.07	16		20X		
3178.01	17		100X		
3178.02	18		100X		
3178.04	19		100X		
3178.05	20	↓	50X		
3263.01	21	JHM	25X		Mudge

SIGNATURE

Mark

062

LABORATORY RESOURCES, INC.
GC VOLATILE RUN LOG

DATE 3/26/93

FILE NAME Amr26

TRACOR 9000

SAMPLE ID #	FILE #	ANALYSES	DILUTION	DATE/TIME	COMMENTS
STD	1		10ppb	08:12	
STD	2		10ppb	09:15	
STD	3		10ppb	10:35	changed flow
BLK	4			11:38	
STD	5		10ppb	12:42	passed
BLK	6			14:23	✓
SPK	7			15:25	BLK
SPK DUP	8			16:29	BLK
3292.05	9	601/602	1X	17:31	
3292.03	10	↓	10X	18:35	
3192.01	11	601/602	20X	19:37	new
3370.01	12	602	10X	20:40	
3299.01	13	601/602	10X	21:43	
3299.02	14	↓	10X	22:46	
3301.01	15	601	10X	23:49	
3301.02	16	↓	10X	00:52	
3371.01	17	602	500X	01:54	
3230.02	18	602	500X	02:57	
3215.01	19	601/602	100,000X	04:00	new
3215.02	20	↓	1000X	05:03	
3215.03	21	↓	500X	06:06	
3338.01	22	601	2000X	07:08	

SIGNATURE E. Mark

LABORATORY RESOURCES, INC.
GC VOLATILE RUN LOG

DATE 3/31/93

FILE NAME AMR31

TRITECOR 9000

SAMPLE ID #	FILE #	ANALYSES	DILUTION	DATE/TIME	COMMENTS
STD	1		10mb	08:20	
STD	2		10mb	09:38	passed
BLK	3			11:55	
SPK	4		20X	12:58	(299.02) 501L
BLK	5			15:08	✓
3411.04	6	602	1X	16:31	
3301.03	7	601	100,000X	17:34	
3301.04	8		500X	18:37	
3301.05	9		10X	19:40	
3301.06	10		10X	20:43	
3301.07	11		5000X	21:46	
3301.08	12		50,000X	22:49	
3299.03	13	601/602	5000X	23:52	
3299.04	14		500X	00:56	
3299.05	15		100,000X	01:59	
3299.06	16		500,000X	03:01	
3299.07	17		500,000X	04:04	
3299.08	18		500,000X	05:07	
3299.09	19		100,000X	06:10	
3299.10	20		5000X	07:13	
3299.11	21		100,000X	08:17	

SIGNATURE

E. Smith

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORD, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 01/26/93
GC ID #: TRACOR 9000
ANALYST: ELYSSA

CLIENT: ANSON
WORK ID #: T303299

TIME CHRONICLE FOR VOLATILE ANALYSIS

<u>SAMPLE ID. #</u>	<u>TIME</u>
CONTINUING STANDARD	08:54 A.M.
SPIKE	12:02 P.M.
SPIKE DUPLICATE	13:05 P.M.

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 03/22/93
GC ID #: TRADER 9000
ANALYST: ELYSSA

CLIENT: ANSON
WORK ID #: T303299

TIME CHRONICLE FOR VOLATILE ANALYSIS

<u>SAMPLE ID. #</u>	<u>TIME</u>
CONTINUING STANDARD	10:07 A.M.
METHOD BLANK	11:44 A.M.
T303299-12	15:57 P.M.

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 03/26/93
GC ID #: TRACOR 9000
ANALYST: ELYSSA

CLIENT: ANSON
WORK ID #: T303299

TIME CHRONICLE FOR VOLATILE ANALYSIS

<u>SAMPLE ID. #</u>	<u>TIME</u>
CONTINUING STANDARD	12:42 P.M.
METHOD BLANK	14:23 P.M.
T303299-01	21:43 P.M.
T303299-02	22:46 P.M.

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 03/31-04/01/93 CLIENT: ANSON
GC ID #: TRACOR 9000
ANALYST: ELYSSA WORK ID #: T303299

TIME CHRONICLE FOR VOLATILE ANALYSIS

<u>SAMPLE ID. #</u>	<u>TIME</u>
CONTINUING STANDARD	09:38 A.M.
METHOD BLANK	15:08 P.M.
T303299-03	23:52 P.M.
T303299-04	00:56 A.M.
T303299-05	01:59 A.M.
T303299-06	03:01 A.M.
T303299-07	04:04 A.M.
T303299-09	06:10 A.M.

LABORATORY RESOURCES, INC.
100 HOLLISTER ROAD
TETERBORO, NJ 07608
LAB CERTIFICATION NO. 02046

DATE OF ANALYSIS: 04/05-04/06/93 CLIENT: ANSON
GC ID #: TRACER 9000
ANALYST: ELYSSA WORK ID #: T303299

TIME CHRONICLE FOR VOLATILE ANALYSIS

<u>SAMPLE ID. #</u>	<u>TIME</u>
CONTINUING STANDARD	07:55 A.M.
METHOD BLANK	14:15 P.M.
T303299-08	01:01 A.M.
T303299-10	02:04 A.M.
T303299-11	03:08 A.M.

```

*****
* Sample Name: T303299-01 601/602 SOIL 10X Operator: EM *
* Data File Name: A:AMR2613.ATB *
* Date Taken: 03-26-1993 21:43:28 Original Method:ACOL *
* Interface: 8 Cycle#: 13 Channel#: 0 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.74	28,907.	4.2054	1	2,675.	12.159	10.8
2	6.63	3,033.	0.4412	1	267.	1.276	11.3
3	7.05	1,535.	0.2233	1	213.	0.645	7.2
4	17.27	824.	0.1198	1	107.	0.346	7.7
5	18.12	4,125.	0.6001	1	482.	1.735	8.6
6	21.36	6,123.	0.8907	1	793.	2.575	7.7
7	25.85	237,745.	34.5877	2	15,836.	100.000	15.0
8	26.59	232,115.	33.7687	2	26,559.	97.632	8.7
9	30.14	172,963.	25.1630	1	16,316.	72.752	10.6

Total Area: 687,368. Area Reject: 1

```

*****
* Sample Name: T303299-01 601/602 SOIL 10X Operator: EM
* Data File Name: A:AMR2613.ATB
* Date Taken: 03-26-1993 21:43:28 Original Method:ACOL
* Interface: 8 Cycle#: 13 Channel#: 0 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR2613.ATB Sample Name: T303299-01 601/602 SOIL 10X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

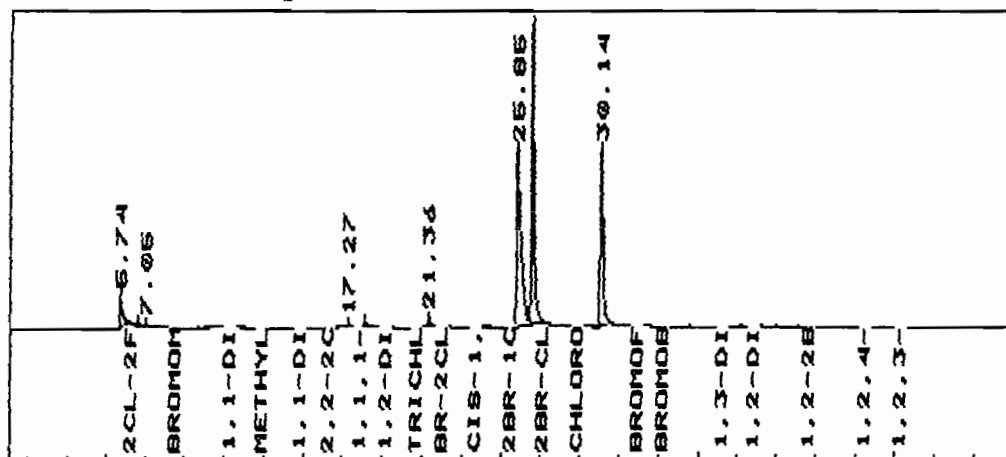
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	6.630	2CL-2FL-METHANE	1.0604	8.6409Z	3,033.	267.	11.3	1	NA	NA	6.149	3.4969E-04
4	17.268	CHLOROFORM	~~0.0102~~	0.0830Z	824.	107.	7.7	1	NA	NA	2.173	1.2367E-05
5	18.120	1,1,1-3CL-ETHANE	~~0.0577~~	0.4700Z	4,125.	482.	8.6	1	NA	NA	1.496	1.3983E-05
6	21.359	TRICHLOROETHENE	~~0.0954~~	0.7774Z	6,123.	793.	7.7	1	NA	NA	3.145	1.5582E-05
7	25.852	2BR-1CL-PROPANE	10.0000	0.0000Z	237,745.	15,836.	15.0	2	NA	NA	1.641	4.2062E-05
8	26.586	TETRACHLOROETHENE	3.6141	29.4494Z	232,115.	26,559.	8.7	2	NA	NA	1.465	1.5570E-05
9	30.143	surrogate	7.4345	60.5792Z	172,963.	16,316.	10.6	1	NA	NA	1.804	4.2983E-05

TOTAL AMOUNT = 12.2723

12/12/93

Data File = A:AMR2613.PTS Printed on 04-09-1993 at 14:39:27
 Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 5043 uv High Value: 31935 uv Scale factor: 1.0



 * Sample Name: T303299-01 601/602 SOIL 10X Operator: EM *
 * Data File Name: A:BMR2613.ATB *
 * Date Taken: 03-26-1993 21:43:28 Original Method:BCOL *
 * Interface: 8 Cycle#: 13 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.69	21,530.	8.5816	1	5,585.	20.873	3.9
2	6.93	1,249.	0.4978	1	126.	1.211	9.9
3	10.74	324.	0.1290	1	46.	0.314	7.0
4	16.90	982.	0.3914	1	153.	0.952	6.4
5	19.29	439.	0.1749	1	73.	0.425	6.0
6	21.34	49,936.	19.9037	1	5,469.	48.412	9.1
7	24.73	1,484.	0.5915	1	216.	1.439	6.9
8	25.90	690.	0.2752	1	53.	0.669	13.0
9	26.55	26,850.	10.7022	2	4,152.	26.031	6.5
10	27.02	660.	0.2629	2	68.	0.639	9.8
11	29.26	786.	0.3134	2	51.	0.762	15.4
12	29.68	895.	0.3567	2	94.	0.868	9.5
13	30.11	103,147.	41.1130	1	10,426.	100.000	9.9
14	31.06	447.	0.1782	2	54.	0.433	8.2
15	31.38	718.	0.2862	2	86.	0.696	8.4
16	31.60	1,681.	0.6700	2	190.	1.630	8.8
17	33.92	706.	0.2812	2	96.	0.684	7.3
18	34.07	677.	0.2698	2	96.	0.656	7.1
19	35.34	880.	0.3507	2	149.	0.853	5.9
20	35.55	2,372.	0.9455	2	344.	2.300	6.9
21	36.06	574.	0.2288	1	105.	0.557	5.5
22	36.91	191.	0.0763	1	40.	0.186	4.8
23	37.32	3,135.	1.2495	2	358.	3.039	8.8
24	37.56	199.	0.0795	2	36.	0.193	5.6
25	37.83	146.	0.0583	1	30.	0.142	4.9
26	38.24	597.	0.2380	1	113.	0.579	5.3
27	39.13	182.	0.0727	1	32.	0.177	5.8
28	39.50	7,743.	3.0864	1	1,253.	7.507	6.2
29	41.88	327.	0.1302	1	46.	0.317	7.2
30	43.24	7,063.	2.8153	1	933.	6.848	7.6
31	44.77	624.	0.2488	1	115.	0.605	5.4
32	45.71	262.	0.1042	1	31.	0.254	8.4
33	46.84	480.	0.1915	1	71.	0.466	6.8
34	49.45	296.	0.1178	1	40.	0.287	7.3
35	50.15	12,614.	5.0277	1	1,801.	12.229	7.0

Total Area: 250,886. Area Reject: 1

 * Sample Name: T303299-01 601/602 SOIL 10X Operator: EM *
 * Data File Name: A:BMR2613.ATB *
 * Date Taken: 03-26-1993 21:43:28 Original Method:BCOL *
 * Interface: 8 Cycle#: 13 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR2613.ATB Sample Name: T303299-01 601/602 SOIL 10X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	6.930	VINYL CHLORIDE	~~0.7747~~	4.7735%	1,249.	126. 9.9	1	NA	NA	-3.263	6.2029E-04
4	16.900	C-1,2-DCL-ETHENE	~~0.1344~~	0.8280%	982.	153. 6.4	1	NA	NA	2.741	1.3685E-04
5	19.289	BENZENE	~~0.0255~~	0.1571%	439.	73. 6.0	1	NA	NA	1.404	5.8081E-05
6	21.343	surrogate	11.2435	69.2768%	49,936.	5,469. 9.1	1	NA	NA	1.589	2.2516E-04
7	24.733	TOLUENE	~~0.0864~~	0.5323%	1,484.	216. 6.9	1	NA	NA	1.507	5.8221E-05
9	26.553	TETRACHLOROETHENE	3.4203	21.0745%	26,850.	4,152. 6.5	2	NA	NA	1.467	1.2738E-04
11	29.258	CHLOROBENZENE	~~0.0447~~	0.2756%	786.	51. 15.4	2	NA	NA	1.624	5.6894E-05
12	29.676	M,P-XYLENE	~~0.0476~~	0.2933%	895.	94. 9.5	2	NA	NA	1.542	5.3198E-05
13	30.110	1-CL-2-FL-BENZENE	10.0000	0.0000%	103,147.	10,426. 9.9	1	NA	NA	1.806	9.6949E-05
14	31.062	O-XYLENE	~~0.0300~~	0.1849%	447.	54. 8.2	2	NA	NA	1.583	6.7121E-05
16	31.596	ISOPROPYLBENZENE	~~0.1374~~	0.8468%	1,681.	190. 8.8	2	NA	NA	-5.257	8.1759E-05
18	34.068	135-TMB;2CLTOLUENE	~~0.0355~~	0.2187%	677.	96. 7.1	2	NA	NA	1.442	5.2433E-05
19	35.337	124-3METHYL-BENZEN	~~0.0504~~	0.3108%	880.	149. 5.9	2	NA	NA	1.340	5.7331E-05
21	36.055	SEC-BUTYLBENZENE	~~0.0477~~	0.2939%	574.	105. 5.5	1	NA	NA	1.695	8.3078E-05
22	36.907	1,4-2CL-BENZENE	~~0.0123~~	0.0756%	191.	40. 4.8	1	NA	NA	.9593	6.4153E-05
25	37.826	N-BUTYLBENZENE	~~0.0108~~	0.0665%	146.	30. 4.9	1	NA	NA	1.296	7.3781E-05
26	38.243	1,2-2CL-BENZENE	~~0.0453~~	0.2789%	597.	113. 5.3	1	NA	NA	1.282	7.5807E-05
31	44.773	NAPHTHALENE	~~0.0554~~	0.3414%	624.	115. 5.4	1	NA	NA	1.093	8.8763E-05
32	45.708	1,2,3-3CL-BENZENE	~~0.0278~~	0.1712%	262.	31. 8.4	1	NA	NA	1.220	1.0627E-04

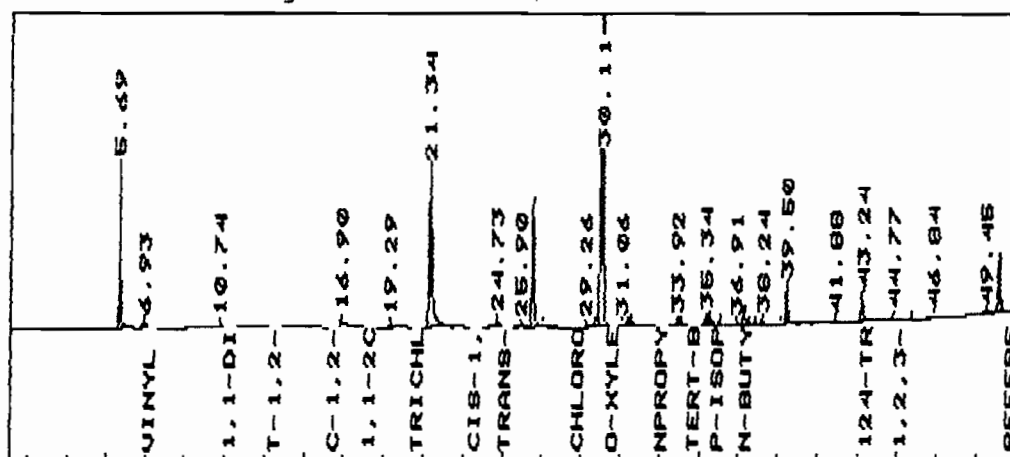
TOTAL AMOUNT = 16.2297

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7/4/93

Data File = A:BMR2613.PTS Printed on 04-09-1993 at 14:39:59

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4843 uv High Value: 15336 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-02 601/602 SOIL 10X Operator: EM
* Data File Name: A:AMR2614.ATB
* Date Taken: 03-26-1993 22:46:19 Original Method:ACOL
* Interface: 8 Cycle#: 14 Channel#: 0 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.88	19,365.	3.6531	1	2,485.	7.257	7.8
2	7.16	2,638.	0.4977	1	263.	0.989	10.0
3	18.12	4,337.	0.8181	1	514.	1.625	8.4
4	21.38	8,241.	1.5547	1	966.	3.089	8.5
5	25.87	266,831.	50.3371	2	17,707.	100.000	15.1
6	26.59	34,954.	6.5939	2	3,555.	13.099	9.8
7	30.13	193,723.	36.5454	1	17,260.	72.601	11.2

Total Area: 530,089. Area Reject: 1

 * Sample Name: T303299-02 601/602 SOIL 10X Operator: EM *
 * Data File Name: A:AMR2614.ATB *
 * Date Taken: 03-26-1993 22:46:19 Original Method:ACOL *
 * Interface: 8 Cycle#: 14 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR2614.ATB Sample Name: T303299-02 601/602 SOIL 10X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

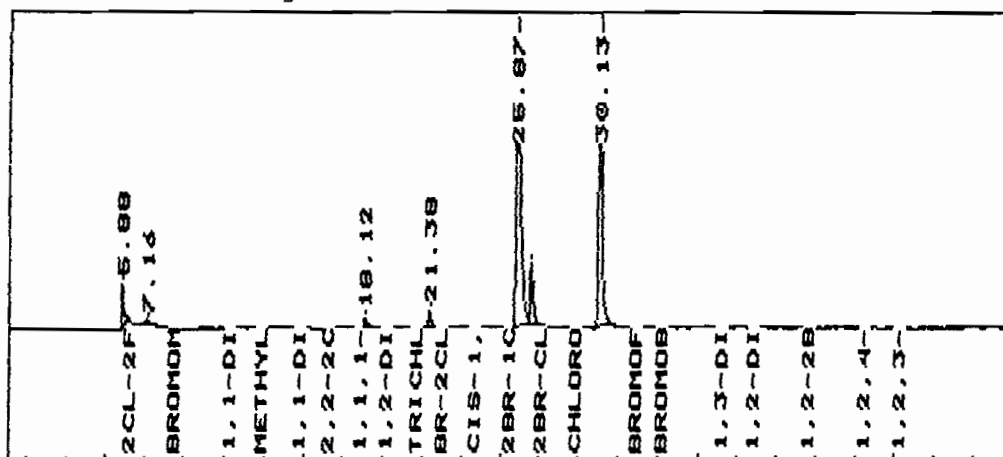
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	7.164	CHLOROMETHANE	0.3307	3.9354%	2,638.	263.	10.0	1	NA	NA	1.900	1.2535E-04
3	18.120	1,1,1-3CL-ETHANE	0.0540	0.6430%	4,337.	514.	8.4	1	NA	NA	1.496	1.2459E-05
4	21.376	TRICHLOROETHENE	0.1144	1.3616%	8,241.	966.	8.5	1	NA	NA	3.225	1.3884E-05
5	25.868	2BR-1CL-PROPANE	10.0000	0.0000%	266,831.	17,707.	15.1	2	NA	NA	1.707	3.7477E-05
6	26.586	TETRACHLOROETHENE	0.4849	5.7706%	34,954.	3,555.	9.8	2	NA	NA	1.465	1.3873E-05
7	30.127	surrogate	7.4191	88.2894%	193,723.	17,260.	11.2	1	NA	NA	1.748	3.8298E-05

TOTAL AMOUNT = 8.4032

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078

Data File = A:AMR2614.PTS Printed on 04-09-1993 at 14:40:32
Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
Low Value: 5043 uv High Value: 22883 uv Scale factor: 1.0



 * Sample Name: T303299-02 601/602 SOIL 10X Operator: EM *
 * Data File Name: A:BMR2614.ATB *
 * Date Taken: 03-26-1993 22:46:19 Original Method:BCOL *
 * Interface: 8 Cycle#: 14 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.86	16,315.	7.0608	1	3,929.	14.992	4.2
2	7.03	1,594.	0.6900	1	136.	1.465	11.7
3	10.79	312.	0.1349	1	50.	0.286	6.2
4	16.90	1,391.	0.6019	1	208.	1.278	6.7
5	17.79	249.	0.1078	1	33.	0.229	7.7
6	19.29	437.	0.1891	1	70.	0.401	6.3
7	21.34	50,042.	21.6580	1	5,146.	45.984	9.7
8	24.73	1,504.	0.6509	1	198.	1.382	7.6
9	25.87	307.	0.1327	1	34.	0.282	9.1
10	26.55	3,120.	1.3504	1	431.	2.867	7.2
11	27.09	404.	0.1750	1	51.	0.372	8.0
12	28.72	219.	0.0950	1	35.	0.202	6.2
13	29.41	889.	0.3845	2	54.	0.816	16.5
14	29.69	1,390.	0.6017	2	154.	1.278	9.1
15	30.08	108,825.	47.0987	1	10,148.	100.000	10.7
16	31.06	558.	0.2415	1	72.	0.513	7.8
17	31.60	2,862.	1.2385	1	282.	2.630	10.1
18	33.13	275.	0.1188	1	43.	0.252	6.4
19	33.90	1,007.	0.4358	2	137.	0.925	7.4
20	34.07	855.	0.3700	2	119.	0.786	7.2
21	34.90	259.	0.1119	1	42.	0.238	6.2
22	35.35	1,468.	0.6353	2	222.	1.349	6.6
23	35.57	2,546.	1.1017	2	336.	2.339	7.6
24	36.06	609.	0.2637	1	111.	0.560	5.5
25	36.91	334.	0.1444	1	63.	0.307	5.3
26	37.32	8,060.	3.4884	1	952.	7.406	8.5
27	37.83	284.	0.1227	1	59.	0.261	4.8
28	38.24	588.	0.2546	1	114.	0.540	5.2
29	39.14	360.	0.1557	1	58.	0.331	6.2
30	39.51	7,696.	3.3309	1	1,261.	7.072	6.1
31	40.65	373.	0.1613	1	65.	0.343	5.7
32	41.88	595.	0.2575	2	74.	0.547	8.0
33	42.20	312.	0.1348	2	48.	0.286	6.5
34	43.24	8,021.	3.4714	1	1,190.	7.371	6.7
35	44.77	1,506.	0.6518	1	215.	1.384	7.0
36	46.88	358.	0.1548	1	36.	0.329	10.0
37	48.60	130.	0.0564	1	26.	0.120	5.0
38	49.45	152.	0.0659	1	27.	0.140	5.7
39	50.15	4,854.	2.1006	1	715.	4.460	6.8

Total Area: 231,057. Area Reject: 1

```

*****
* Sample Name: T303299-02 601/602 SOIL 10X Operator: EM
* Data File Name: A:BMR2614.ATB
* Date Taken: 03-26-1993 22:46:19 Original Method:BCOL
* Interface: 8 Cycle#: 14 Channel#: 1 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR2614.ATB Sample Name: T303299-02 601/602 SOIL 10X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	REF BL	INT. STD PEAK	% DELTA RET TIME	CONC/AREA	
2	7.031	VINYL CHLORIDE	0.9373	7.1858Z	1,594.	136. 11.7	1	NA	NA	-1.864	5.8792E-04
4	16.900	C-1,2-2CL-ETHENE	0.1804	1.3831Z	1,391.	208. 6.7	1	NA	NA	2.741	1.2971E-04
6	19.289	BENZENE	0.0241	0.1844Z	437.	70. 6.3	1	NA	NA	1.404	5.5051E-05
7	21.343	surrogate	10.6796	81.8794Z	50,042.	5,146. 9.7	1	NA	NA	1.589	2.1341E-04
8	24.733	TOLUENE	0.0830	0.6363Z	1,504.	198. 7.6	1	NA	NA	1.507	5.5184E-05
10	26.553	TETRACHLOROETHENE	0.3767	2.8884Z	3,120.	431. 7.2	1	NA	NA	1.467	1.2074E-04
13	29.409	ETHYLBENZENE	0.0554	0.4244Z	889.	54. 16.5	2	NA	NA	1.440	6.2304E-05
14	29.693	M,P-XYLENE	0.0701	0.5375Z	1,390.	154. 9.1	2	NA	NA	1.600	5.0422E-05
15	30.077	1-CL-2-FL-BENZENE	10.0000	0.0000Z	108,825.	10,148. 10.7	1	NA	NA	1.693	9.1891E-05
16	31.062	O-XYLENE	0.0333	0.2722Z	558.	72. 7.8	1	NA	NA	1.583	6.3619E-05
17	31.596	ISOPROPYLBENZENE	0.2218	1.7002Z	2,862.	282. 10.1	1	NA	NA	-1.5257	7.7494E-05
20	34.068	135-TMB;2CLTOLUENE	0.0423	0.3258Z	855.	119. 7.2	2	NA	NA	1.442	4.9697E-05
22	35.354	124-3METHYL-BENZEN	0.0798	0.6116Z	1,468.	222. 6.6	2	NA	NA	1.388	5.4340E-05
24	36.055	SEC-BUTYLBENZENE	0.0480	0.3678Z	609.	111. 5.5	1	NA	NA	1.695	7.8744E-05
25	36.907	1,4-2CL-BENZENE	0.0203	0.1556Z	334.	63. 5.3	1	NA	NA	.9593	6.0806E-05
27	37.826	N-BUTYLBENZENE	0.0198	0.1520Z	284.	59. 4.8	1	NA	NA	1.296	6.9932E-05
28	38.243	1,2-2CL-BENZENE	0.0423	0.3240Z	588.	114. 5.2	1	NA	NA	1.282	7.1852E-05
35	44.773	NAPHTHALENE	0.1267	0.9714Z	1,506.	215. 7.0	1	NA	NA	1.093	8.4132E-05

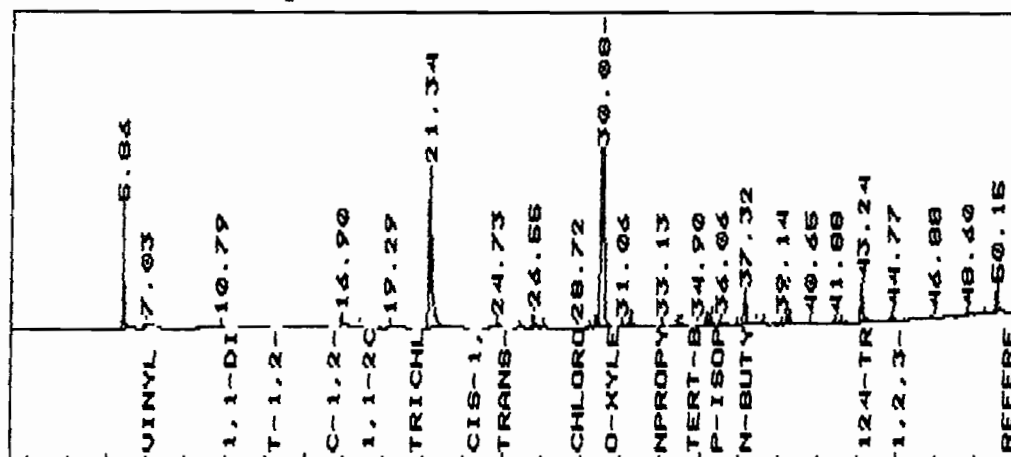
TOTAL AMOUNT = 13.0431

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7/12/93

Data File = A:BMR2614.PTS Printed on 04-09-1993 at 14:41:14

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4845 uv High Value: 15053 uv Scale factor: 1.0



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*****
* Sample Name: T303299-03 601/602 SOIL 5000X          Operator: EM      *
* Data File Name: A:AMR3113.ATB                      *
* Date Taken: 03-30-1993 23:52:43      Original Method:ACDL          *
* Interface: 8              Cycle#: 13      Channel#: 0      Vial#: N.A.  *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT      = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.90	12,311.	1.0158	1	1,667.	1.669	7.4
2	7.11	11,805.	0.9741	1	1,141.	1.601	10.3
3	8.87	1,239.	0.1023	1	159.	0.168	7.8
4	10.24	2,930.	0.2418	2	373.	0.397	7.9
5	10.44	2,312.	0.1907	2	293.	0.313	7.9
6	10.80	9,427.	0.7779	1	813.	1.278	11.6
7	12.29	398.	0.0328	1	89.	0.054	4.5
8	12.61	907.	0.0749	1	177.	0.123	5.1
9	12.83	22,542.	1.8601	1	2,510.	3.057	9.0
10	16.87	1,358.	0.1120	1	202.	0.184	6.7
11	17.84	2,335.	0.1926	1	369.	0.317	6.3
12	18.77	1,806.	0.1490	1	239.	0.245	7.6
13	19.61	232.	0.0191	1	71.	0.031	3.3
14	20.11	998.	0.0824	1	154.	0.135	6.5
15	20.29	775.	0.0639	1	136.	0.105	5.7
16	20.72	803.	0.0662	1	121.	0.109	6.6
17	20.99	4,966.	0.4098	1	610.	0.673	8.1
18	22.81	665.	0.0549	1	152.	0.090	4.4
19	23.40	402.	0.0332	1	79.	0.055	5.1
20	23.60	628.	0.0518	1	137.	0.085	4.6
21	25.38	233,923.	19.3026	2	27,707.	31.719	8.4
22	26.17	737,492.	60.8556	2	104,444.	100.000	7.1
23	29.58	161,197.	13.3015	1	23,178.	21.857	7.0
24	36.84	421.	0.0347	1	88.	0.057	4.8

Total Area: 1,211,871. Area Reject: 1

 * Sample Name: T303299-03 601/602 SOIL 5000X Operator: EM *
 * Data File Name: A:AMR3113.ATB *
 * Date Taken: 03-30-1993 23:52:43 Original Method:ACOL *
 * Interface: 8 Cycle#: 13 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR3113.ATB Sample Name: T303299-03 601/602 SOIL 5000X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	7.114	VINYL CHLORIDE	0.4516	2.2016%	11,805.	1,141.	10.3	1	NA	NA	-1.388	3.8257E-05
8	12.609	METHYLENE CHLORIDE	0.0099	0.0484%	907.	177.	5.1	1	NA	NA	-1.692	1.0947E-05
9	12.826	1,1,2-2CL-ETHENE	0.4060	1.9790%	22,542.	2,510.	9.0	1	NA	NA	-5.067	1.8010E-05
10	16.867	CHLOROFORM	0.0170	0.0828%	1,358.	202.	6.7	1	NA	NA	-1.976	1.2508E-05
11	17.836	1,1,1-3CL-ETHANE	0.0351	0.1712%	2,335.	369.	6.3	1	NA	NA	-0.935	1.5042E-05
12	18.771	1,2-DICHLOROETHANE	0.0318	0.1550%	1,806.	239.	7.6	1	NA	NA	-2.090	1.7605E-05
16	20.725	TRICHLOROETHENE	0.0125	0.0610%	803.	121.	6.6	1	NA	NA	0	1.5581E-05
17	20.992	1,2-2CLPROPANE	0.0933	0.4550%	4,966.	610.	8.1	1	NA	NA	-1.566	1.8795E-05
20	23.597	CIS-1,3-2CLPROPENE	0.0124	0.0604%	628.	137.	4.6	1	NA	NA	-1.413	1.9709E-05
21	25.384	2BR-1CL-PROPANE	10.0000	0.0000%	233,923.	27,707.	8.4	2	NA	NA	-1.969	4.2749E-05
22	26.169	TETRACHLOROETHENE	12.5588	61.2222%	737,492.	104,444.	7.1	2	NA	NA	-1.274	1.7029E-05
23	29.576	surrogate	6.8750	33.5143%	161,197.	23,178.	7.0	1	NA	NA	-1.128	4.2649E-05
24	36.840	1,4-DICHLOROBENZEN	0.0101	0.0491%	421.	88.	4.8	1	NA	NA	.6846	2.3921E-05

TOTAL AMOUNT = 20.5135

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4/12/93

Data File = A:AMR3113.PTS Printed on 04-12-1993 at 09:30:36

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5064 uv High Value: 109854 uv Scale factor: 1.0

2CL-2F-5.90	25.38
BROMOM	29.58
1,1-DI	
METHYL	
1,1-DI	
2,2-2C	
1,1,1	
1,2-DI	
TRICHL	
BR-2CL	
CIS-1,	
2BR-1C	
2BR-CL	
CHLORO	
BROMOF	
1,2,3	
1,3-DI	
1,2-DI	
1,2-2B	
1,2,4	
1,2,3	


```

*****
* Sample Name: T303299-03 601/602 SOIL 5000X Operator: EM *
* Data File Name: A:BMR3113.ATB *
* Date Taken: 03-30-1993 23:52:43 Original Method:BCOL *
* Interface: 8 Cycle#: 13 Channel#: 1 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.86	746.	1.8962	1	175.	5.979	4.3
2	11.46	302.	0.7674	1	43.	2.420	7.0
3	15.85	296.	0.7521	1	50.	2.372	6.0
4	16.20	437.	1.1097	1	68.	3.499	6.4
5	20.98	5,441.	13.8204	2	891.	43.579	6.1
6	21.18	539.	1.3694	2	85.	4.318	6.3
7	24.33	416.	1.0563	1	73.	3.331	5.7
8	25.40	359.	0.9112	1	57.	2.873	6.3
9	26.14	12,485.	31.7138	1	2,166.	100.000	5.8
10	29.19	298.	0.7559	1	55.	2.384	5.4
11	29.54	12,188.	30.9604	1	2,280.	97.624	5.3
12	30.76	810.	2.0566	1	142.	6.485	5.7
13	32.98	209.	0.5320	1	36.	1.677	5.9
14	35.04	1,359.	3.4526	1	259.	10.887	5.3
15	35.55	153.	0.3882	1	29.	1.224	5.3
16	36.91	294.	0.7458	1	43.	2.352	6.8
17	38.54	378.	0.9608	1	69.	3.030	5.5
18	39.01	2,279.	5.7879	1	410.	18.250	5.6
19	42.77	379.	0.9634	1	68.	3.038	5.6

Total Area: 39,368. Area Reject: 1

 * Sample Name: T303299-03 601/602 SOIL 5000X Operator: EM
 * Data File Name: A:BMR3113.ATB
 * Date Taken: 03-30-1993 23:52:43 Original Method:BCOL
 * Interface: 8 Cycle#: 13 Channel#: 1 Vial#: N.A.

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3113.ATB Sample Name: T303299-03 601/602 SOIL 5000X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
4	16.199	C-1,2-2CL-ETHENE	0.6660	2.3165%	437.	68.	6.4	1	NA	NA	-1.522	1.5245E-03
5	20.975	surrogate	9.6256	33.4799%	5,441.	891.	6.1	2	NA	NA	-.1589	1.7692E-03
7	24.332	TOLUENE	0.2389	0.8309%	416.	73.	5.7	1	NA	NA	-.1370	5.7451E-04
8	25.401	TRANS-1,3-2CLPROPE	0.7606	2.6456%	359.	57.	6.3	1	NA	NA	1.063	2.1204E-03
9	26.136	TETRACHLOROETHENE	15.4270	53.6585%	12,485.	2,166.	5.8	1	NA	NA	-.1276	1.2357E-03
10	29.192	M,P-XYLENE	0.1535	0.5340%	298.	55.	5.4	1	NA	NA	-.1142	5.1590E-04
11	29.542	1-CL-2-FL-BENZENE	10.0000	0.0000%	12,188.	2,280.	5.3	1	NA	NA	-.1129	8.2046E-04
12	30.761	STYRENE	0.4032	1.4025%	810.	142.	5.7	1	NA	NA	0	4.9805E-04
13	32.982	NPROPYL;BROMOBENZE	0.1213	0.4220%	209.	36.	5.9	1	NA	NA	-.4034	5.7931E-04
14	35.037	124-3METHYL-BENZEN	0.7698	2.6774%	1,359.	259.	5.3	1	NA	NA	.4789	5.6633E-04
15	35.554	SEC-BUTYLBENZENE	0.1272	0.4425%	153.	29.	5.3	1	NA	NA	.2826	8.3252E-04
16	36.907	1,4-2CL-BENZENE	0.1824	0.6344%	294.	43.	6.8	1	NA	NA	.9593	6.2130E-04
17	38.544	1,2-2CL-BENZENE	0.2748	0.9557%	378.	69.	5.5	1	NA	NA	2.078	7.2643E-04

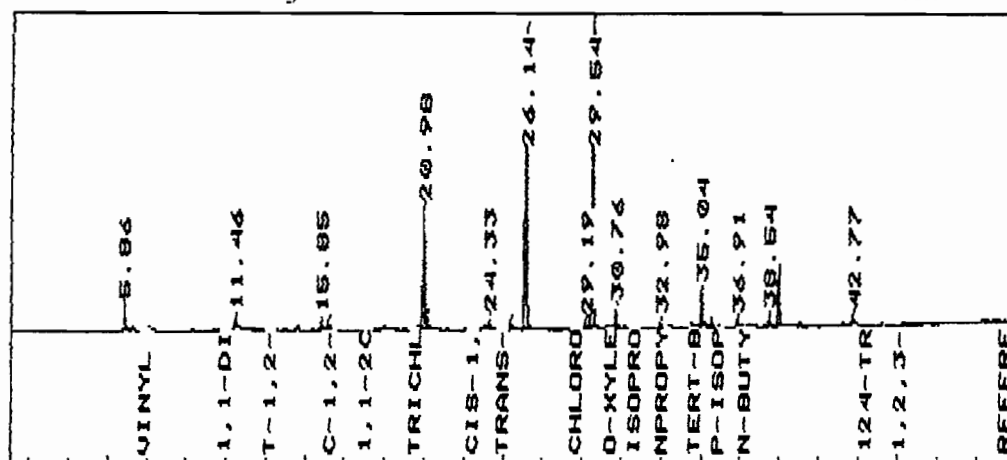
TOTAL AMOUNT = 28.7504

RL
4/14/93

Data File = A:BMR3113.PTS Printed on 04-12-1993 at 09:31:12

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4846 uv High Value: 7148 uv Scale factor: 1.0



 * Sample Name: T303299-04 601/602 SOIL 500X Operator: EM *
 * Data File Name: A:AMR3114.ATB *
 * Date Taken: 03-31-1993 00:56:09 Original Method:ACOL *
 * Interface: 8 Cycle#: 14 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	4.94	3,862.	0.7351	1	292.	1.710	13.2
2	5.58	15,004.	2.8560	1	1,824.	6.642	8.2
3	6.80	8,847.	1.6840	1	874.	3.917	10.1
4	10.62	9,119.	1.7357	1	860.	4.037	10.6
5	12.84	22,370.	4.2579	1	2,051.	9.903	10.9
6	17.08	972.	0.1850	1	171.	0.430	5.7
7	18.04	3,593.	0.6839	1	479.	1.591	7.5
8	21.13	3,987.	0.7589	1	504.	1.765	7.9
9	25.45	225,892.	42.9972	2	27,383.	100.000	8.2
10	26.22	75,783.	14.4248	2	9,129.	33.548	8.3
11	29.59	155,936.	29.6815	1	22,206.	69.031	7.0

Total Area: 525,365. Area Reject: 1

```

*****
* Sample Name: T303299-04 601/602 SOIL 500X Operator: EM
* Data File Name: A:AMR3114.ATB
* Date Taken: 03-31-1993 00:56:09 Original Method:ACOL
* Interface: 8 Cycle#: 14 Channel#: 0 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

```

ORIGINAL RECORDED DATA USED FOR THIS TABLE.
Data File Name: A:AMR3114.ATB Sample Name: T303299-04 601/602 SOIL 500X
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	Z DELTA RET TIME	CONC/AREA	
3	6.797	CHLOROMETHANE	~~0.9880~~	10.2617%	8,847.	874.	10.1	1	NA	NA	-3.325	1.1168E-04
5	12.842	METHYLENE CHLORIDE	~~0.2536~~	2.6338%	22,370.	2,051.	10.9	1	NA	NA	.1302	1.1336E-05
6	17.084	BROMOCHLOROMETHANE	~~0.0295~~	0.3065%	972.	171.	5.7	1	NA	NA	-1.729	3.0366E-05
7	18.036	1,1,1-3CL-ETHANE	~~0.0560~~	0.5813%	3,593.	479.	7.5	1	NA	NA	1.029	1.5577E-05
8	21.125	1,2-2CLPROPANE	~~0.0776~~	0.8060%	3,987.	504.	7.9	1	NA	NA	-.9396	1.9463E-05
9	25.451	2BR-1CL-PROPANE	10.0000	0.0000%	225,892.	27,383.	8.2	2	NA	NA	0	4.4269E-05
10	26.219	TETRACHLOROETHENE	1.3364	13.8801%	75,783.	9,129.	8.3	2	NA	NA	0	1.7634E-05
11	29.592	surrogate	6.8870	71.5305%	155,936.	22,206.	7.0	1	NA	NA	0	4.4166E-05

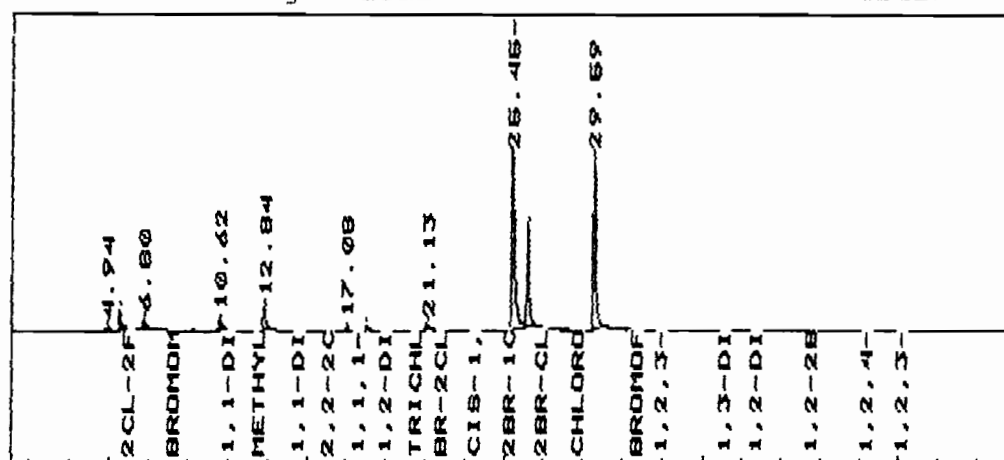
TOTAL AMOUNT = 9.6281

PL
7/14/13

Data File = A:AMR3114.PTS Printed on 04-12-1993 at 09:31:49

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5060 uv High Value: 32541 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-04 601/602 SOIL 500X Operator: EM
* Data File Name: A:BMR3114.ATB
* Date Taken: 03-31-1993 00:56:09 Original Method:BCOL
* Interface: 8 Cycle#: 14 Channel#: 1 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.54	944.	4.5836	1	220.	8.166	4.3
2	21.11	5,151.	25.0128	1	848.	44.562	6.1
3	25.45	311.	1.5108	1	53.	2.692	5.9
4	26.20	1,074.	5.2162	1	171.	9.293	6.3
5	29.56	11,559.	56.1297	1	2,183.	100.000	5.3
6	35.05	191.	0.9269	1	36.	1.651	5.4
7	35.55	232.	1.1289	1	44.	2.011	5.2
8	36.89	594.	2.8830	1	76.	5.136	7.9
9	39.01	537.	2.6081	1	89.	4.647	6.0

Total Area: 20,593. Area Reject: 1

 * Sample Name: T303299-04 601/602 SOIL 500X Operator: EM *
 * Data File Name: A:BMR3114.ATB *
 * Date Taken: 03-31-1993 00:56:09 Original Method:BCOL *
 * Interface: 8 Cycle#: 14 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3114.ATB Sample Name: T303299-04 601/602 SOIL 500X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	21.109	surrogate	9.6091	82.0190%	5,151.	848.	6.1	1	NA	NA	.4769	1.8656E-03
4	26.202	TETRACHLOROETHENE	1.3996	11.9462%	1,074.	171.	6.3	1	NA	NA	.1276	1.3030E-03
5	29.559	1-CL-2-FL-BENZENE	10.0000	0.0000%	11,559.	2,183.	5.3	1	NA	NA	0	8.6516E-04
6	35.053	124-3METHYL-BENZEN	~~0.1140~~	0.9730%	191.	36.	5.4	1	NA	NA	.5268	5.9718E-04
7	35.554	SEC-BUTYLBENZENE	~~0.2041~~	1.7419%	232.	44.	5.2	1	NA	NA	.2826	8.7788E-04
8	36.890	1,4-2CL-BENZENE	~~0.3890~~	3.3199%	594.	76.	7.9	1	NA	NA	.9136	6.5515E-04

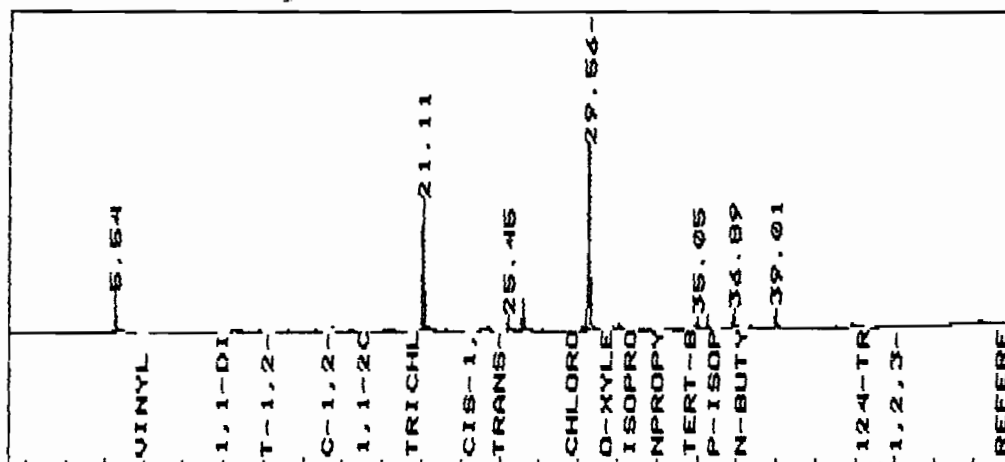
TOTAL AMOUNT = 11.7157

25
4/12/93

Data File = A:BMR3114.PTS Printed on 04-12-1993 at 09:32:25

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4844 uv High Value: 7042 uv Scale factor: 1.0



 * Sample Name: T303299-05 601/602 SOIL 100000X Operator: EM *
 * Data File Name: A:AMR3115.ATB *
 * Date Taken: 03-31-1993 01:59:04 Original Method:ACOL *
 * Interface: 8 Cycle#: 15 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.64	20,123.	0.5243	1	2,432.	0.647	8.3
2	6.85	8,789.	0.2290	2	932.	0.283	9.4
3	7.10	2,933.	0.0764	2	384.	0.094	7.6
4	8.67	4,145.	0.1080	1	491.	0.133	8.4
5	9.37	986.	0.0257	1	169.	0.032	5.9
6	10.67	10,646.	0.2774	1	937.	0.342	11.4
7	11.16	4,732.	0.1233	1	473.	0.152	10.0
8	12.71	38,829.	1.0117	2	4,282.	1.249	9.1
9	13.39	8,069.	0.2102	2	1,115.	0.260	7.2
10	14.70	7,348.	0.1914	1	810.	0.236	9.1
11	16.18	1,858.	0.0484	2	239.	0.060	7.8
12	16.37	8,156.	0.2125	2	1,010.	0.262	8.1
13	16.80	16,007.	0.4171	2	1,890.	0.515	8.5
14	17.27	2,152.	0.0561	2	275.	0.069	7.8
15	17.75	53,498.	1.3939	2	5,745.	1.721	9.3
16	18.17	7,149.	0.1863	2	865.	0.230	8.3
17	18.37	10,314.	0.2687	2	1,056.	0.332	9.8
18	19.07	5,271.	0.1373	1	795.	0.170	6.6
19	20.62	11,917.	0.3105	2	1,593.	0.383	7.5
20	20.94	8,540.	0.2225	2	838.	0.275	10.2
21	21.23	6,198.	0.1615	2	774.	0.199	8.0
22	21.91	3,051.	0.0795	1	524.	0.098	5.8
23	23.55	4,129.	0.1076	1	566.	0.133	7.3
24	25.12	1,226.	0.0320	2	270.	0.039	4.5
25	25.35	260,109.	6.7770	2	29,595.	8.368	8.8
26	26.12	3,108,379.	80.9873	1	469,657.	100.000	6.6
27	28.79	3,227.	0.0841	2	461.	0.104	7.0
28	28.96	12,525.	0.3263	2	1,578.	0.403	7.9
29	29.54	180,094.	4.6922	1	23,533.	5.794	7.7
30	32.53	1,984.	0.0517	1	296.	0.064	6.7
31	32.98	745.	0.0194	1	141.	0.024	5.3
32	33.57	2,065.	0.0538	2	314.	0.066	6.6
33	33.75	2,745.	0.0715	2	311.	0.088	8.8
34	36.16	3,673.	0.0957	1	429.	0.118	8.6
35	36.56	2,835.	0.0739	1	433.	0.091	6.5
36	37.74	4,293.	0.1118	1	585.	0.138	7.3
37	43.44	1,943.	0.0506	1	267.	0.063	7.3
38	43.92	5,559.	0.1448	1	758.	0.179	7.3
39	45.17	1,867.	0.0486	1	275.	0.060	6.8

Total Area: 3,838,109. Area Reject: 1

 * Sample Name: T303299-05 601/602 SOIL 100000X Operator: EM *
 * Data File Name: A:AMR3115.ATB *
 * Date Taken: 03-31-1993 01:59:04 Original Method:ACOL *
 * Interface: 8 Cycle#: 15 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR3115.ATB Sample Name: T303299-05 601/602 SOIL 100000X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
2	6.847	CHLOROMETHANE	0.8524	1.4407%	8,789.	932.	9.4	2	NA	NA	-2.612	9.6984E-05
3	7.098	VINYL CHLORIDE	0.1009	0.1706%	2,933.	384.	7.6	2	NA	NA	-1.620	3.4406E-05
4	8.667	CHLOROETHANE	0.1126	0.1902%	4,145.	491.	8.4	1	NA	NA	-1.142	2.7152E-05
5	9.369	3-CL-FL-METHANE	0.0163	0.0275%	986.	169.	5.9	1	NA	NA	-1.232	1.6494E-05
7	11.156	1,1-DICHLOROETHENE	0.0867	0.1468%	4,732.	473.	10.0	1	NA	NA	-1.037	1.8358E-05
8	12.709	METHYLENE CHLORIDE	0.3023	0.6461%	38,829.	4,282.	9.1	2	NA	NA	-9.114	9.8449E-06
9	13.393	1,2-2CL-ETHENE	0.1307	0.2209%	8,069.	1,115.	7.2	2	NA	NA	-8.652	1.6196E-05
10	14.696	1,1-DICHLOROETHANE	0.1321	0.2232%	7,348.	810.	9.1	1	NA	NA	-7.891	1.7972E-05
11	16.182	2,2-2CL-PROPANE	0.0526	0.0890%	1,858.	239.	7.8	2	NA	NA	-5.133	2.8330E-05
12	16.366	C-1,2-2CL-ETHENE	0.1146	0.1937%	8,156.	1,010.	8.1	2	NA	NA	-8.097	1.4052E-05
13	16.800	CHLOROFORM	0.1001	0.3043%	16,007.	1,890.	8.5	2	NA	NA	-5.928	1.1249E-05
14	17.268	BROMOCHLOROMETHANE	0.0560	0.0959%	2,152.	275.	7.8	2	NA	NA	-6.724	2.6371E-05
15	17.752	1,1,1-3CL-ETHANE	0.7237	1.2233%	53,498.	5,745.	9.3	2	NA	NA	-5.612	1.3528E-05
16	18.170	1,1-2CL-PROPENE	0.1498	0.2533%	7,149.	865.	8.3	2	NA	NA	-6.392	2.0960E-05
17	18.370	CARBON 4CHLORIDE	0.1037	0.1753%	10,314.	1,056.	9.8	2	NA	NA	-6.323	1.0053E-05
18	19.071	1,2-DICHLOROETHANE	0.0834	0.1410%	5,271.	795.	6.6	1	NA	NA	-5.226	1.5832E-05
19	20.625	TRICHLOROETHENE	0.1670	0.2822%	11,917.	1,593.	7.5	2	NA	NA	-4.032	1.4012E-05
21	21.226	1,2-2CLPROPANE	0.1048	0.1771%	6,198.	774.	8.0	2	NA	NA	-4.698	1.6903E-05
22	21.910	BR-2CL-METHANE	0.0680	0.1150%	3,051.	524.	5.8	1	NA	NA	-3.796	2.2296E-05
23	23.547	CIS-1,3-2CLPROPENE	0.0732	0.1237%	4,129.	566.	7.3	1	NA	NA	-3.533	1.7725E-05
25	25.351	2BR-1CL-PROPANE	10.0000	0.0000%	260,109.	29,595.	8.8	2	NA	NA	-3.283	3.8445E-05
26	26.119	TETRACHLOROETHENE	47.6039	80.4634%	3,108,379.	469,657.	6.6	1	NA	NA	-3.186	1.5315E-05
27	28.791	CHLOROBENZENE	0.1699	0.2872%	3,227.	461.	7.0	2	NA	NA	-1.737	5.2660E-05
28	28.958	1112-4CLETHANE	0.1377	0.2327%	12,525.	1,578.	7.9	2	NA	NA	-2.301	1.0994E-05
29	29.542	surrogate	6.9076	11.6757%	180,094.	23,533.	7.7	1	NA	NA	-2.256	3.8356E-05
30	32.532	1,1,2,2-4CL-ETHANE	0.0390	0.0659%	1,984.	296.	6.7	1	NA	NA	-1.025	1.9650E-05
31	32.982	1,2,3-3CL-PROPANE	0.0212	0.0358%	745.	141.	5.3	1	NA	NA	-1.011	2.8414E-05
32	33.567	2-CHLOROTOLUENE	0.0875	0.1479%	2,065.	314.	6.6	2	NA	NA	0	4.2368E-05
33	33.751	4-CHLOROTOLUENE	0.0665	0.1125%	2,745.	311.	8.8	2	NA	NA	0	2.4246E-05
34	36.156	1,3-DICHLOROBENZEN	0.1016	0.1718%	3,673.	429.	8.6	1	NA	NA	0	2.7663E-05
35	36.556	1,4-DICHLOROBENZEN	0.0610	0.1031%	2,835.	433.	6.5	1	NA	NA	0	2.1513E-05
36	37.742	1,2-DICHLOROBENZEN	0.1020	0.1724%	4,293.	585.	7.3	1	NA	NA	-1.325	2.3758E-05
37	43.437	1,2,4-3CL-BENZENE	0.0504	0.0853%	1,943.	267.	7.3	1	NA	NA	0	2.5963E-05
38	43.921	6CL-BUTADIENE	0.0809	0.1367%	5,559.	758.	7.3	1	NA	NA	0	1.4551E-05
39	45.174	1,2,3-3CL-BENZENE	0.0412	0.0697%	1,867.	275.	6.8	1	NA	NA	0	2.2089E-05

TOTAL AMOUNT = 59.1622

KL
7/12/23

Data File = A:AMR3115.PTS Printed on 04-12-1993 at 09:33:03

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5051 uv High Value: 475651 uv Scale factor: 1.0

2CL-2F	15.64
BROMOF	16.85
BROMOF	18.67
1,1-DI	10.67
METHYL	12.71
1,1-DI	14.70
2,2-DI	16.18
1,1,1-	17.75
1,2-DI	19.07
TRICHL	20.62
BR-2CL	21.91
CIS-1,	23.55
2BR-1C	25.12
2BR-CL	26.12
CHLORO	28.79
BROMOF	32.53
1,2,3-	33.75
1,3-DI	34.16
1,2-DI	37.74
1,2-2B	
1,2,4-	43.44
1,2,3-	45.17

```

*****
* Sample Name: T303299-05 601/602 SOIL 100000X      Operator: EM      *
* Data File Name: A:BMR3115.ATB                      *
* Date Taken: 03-31-1993 01:59:04      Original Method:BCOL          *
* Interface: 8      Cycle#: 15      Channel#: 1      Vial#: N.A.      *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.61	1,915.	2.2162	1	422.	3.343	4.5
2	13.36	312.	0.3607	1	57.	0.544	5.5
3	18.92	430.	0.4981	1	73.	0.751	5.9
4	20.59	223.	0.2586	1	41.	0.390	5.5
5	20.93	5,451.	6.3088	1	881.	9.518	6.2
6	24.28	519.	0.6007	1	92.	0.906	5.6
7	25.33	347.	0.4018	1	58.	0.606	6.0
8	26.09	57,271.	66.2843	1	10,037.	100.000	5.7
9	28.74	402.	0.4653	2	69.	0.702	5.8
10	28.92	358.	0.4140	2	61.	0.625	5.8
11	29.16	901.	1.0429	2	160.	1.573	5.6
12	29.49	12,344.	14.2863	1	2,264.	21.553	5.5
13	30.51	296.	0.3427	2	54.	0.517	5.5
14	30.73	343.	0.3973	2	53.	0.599	6.5
15	31.70	225.	0.2604	1	43.	0.393	5.3
16	33.07	586.	0.6784	1	70.	1.024	8.4
17	33.53	753.	0.8716	2	133.	1.315	5.7
18	33.70	317.	0.3667	2	53.	0.553	6.0
19	34.80	690.	0.7990	1	82.	1.205	8.5
20	35.89	242.	0.2807	2	45.	0.423	5.4
21	36.11	254.	0.2945	2	47.	0.444	5.4
22	36.51	229.	0.2656	1	42.	0.401	5.5
23	36.89	1,028.	1.1899	1	132.	1.795	7.8
24	37.29	223.	0.2586	1	42.	0.390	5.3
25	37.69	307.	0.3549	1	53.	0.535	5.8
26	39.01	230.	0.2667	1	46.	0.402	5.0
27	44.26	203.	0.2354	1	37.	0.355	5.5

Total Area: 86,402. Area Reject: 1

```

*****
* Sample Name: T303299-05 601/602 SOIL 100000X      Operator: EM
* Data File Name: A:BMR3115.ATB
* Date Taken: 03-31-1993 01:59:04      Original Method:BCOL
* Interface: 8      Cycle#: 15      Channel#: 1      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3115.ATB Sample Name: T303299-05 601/602 SOIL 100000X
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	13.360	T-1,2-DICHLOROETHE	0.2446	0.2890%	312.	57.	5.5	1	NA	NA	-7.444	7.8496E-04
3	18.921	BENZENE	0.2407	0.2844%	430.	73.	5.9	1	NA	NA	-5.267	5.5921E-04
4	20.591	TRICHLOROETHENE	0.2179	0.2575%	223.	41.	5.5	1	NA	NA	-4.842	9.7524E-04
5	20.925	surrogate	9.5222	11.2510%	5,451.	881.	6.2	1	NA	NA	-3.974	1.7469E-03
6	24.282	TOLUENE	0.2944	0.3479%	519.	92.	5.6	1	NA	NA	-3.427	5.6728E-04
7	25.334	TRANS-1,3-2CLPROPE	0.7269	0.8589%	347.	58.	6.0	1	NA	NA	.7973	2.0937E-03
8	26.085	TETRACHLOROETHENE	69.8765	82.5627%	57,271.	10,037.	5.7	1	NA	NA	-3.190	1.2201E-03
9	28.741	CHLOROBENZENE	0.2271	0.2683%	402.	69.	5.8	2	NA	NA	-1.740	5.6484E-04
10	28.924	ETHYLBENZENE	0.2172	0.2566%	358.	61.	5.8	2	NA	NA	-2.304	6.0706E-04
11	29.158	M,P-XYLENE	0.4590	0.5424%	901.	160.	5.6	2	NA	NA	-2.285	5.0940E-04
12	29.492	1-CL-2-FL-BENZENE	10.0000	0.0000%	12,344.	2,264.	5.5	1	NA	NA	-2.2823	8.1013E-04
13	30.511	O-XYLENE	0.1905	0.2251%	296.	54.	5.5	2	NA	NA	-2.184	6.4350E-04
14	30.728	STYRENE	0.1688	0.1995%	343.	53.	6.5	2	NA	NA	-1.085	4.9178E-04
15	31.697	ISOPROPYLBENZENE	0.1755	0.2074%	225.	43.	5.3	1	NA	NA	-2.103	7.8038E-04
16	33.066	NPROPYL;BROMOBENZE	0.3353	0.3962%	586.	70.	8.4	1	NA	NA	-1.512	5.7202E-04
18	33.701	135-TMB;2CLTOLUENE	0.1595	0.1884%	317.	53.	6.0	2	NA	NA	.3480	5.0340E-04
19	34.803	TERT-BUTYL BENZENE	0.5718	0.6757%	690.	82.	8.5	1	NA	NA	.1441	8.2831E-04
20	35.888	P-ISOPROPYLTOLUENE	0.1043	0.2178%	242.	45.	5.4	2	NA	NA	-1.857	7.6020E-04
21	36.105	1,3-2CL-BENZENE	0.1527	0.1804%	254.	47.	5.4	2	NA	NA	-1.385	6.0013E-04
22	36.506	1,4-2CL-BENZENE	0.1408	0.1663%	229.	42.	5.5	1	NA	NA	-1.370	6.1348E-04
24	37.291	N-BUTYLBENZENE	0.1592	0.1881%	223.	42.	5.3	1	NA	NA	-1.341	7.1233E-04
25	37.692	1,2-2CL-BENZENE	0.2199	0.2599%	307.	53.	5.8	1	NA	NA	-1.769	7.1729E-04
27	44.255	NAPHTHALENE	0.1495	0.1767%	203.	37.	5.5	1	NA	NA	0	7.3514E-04

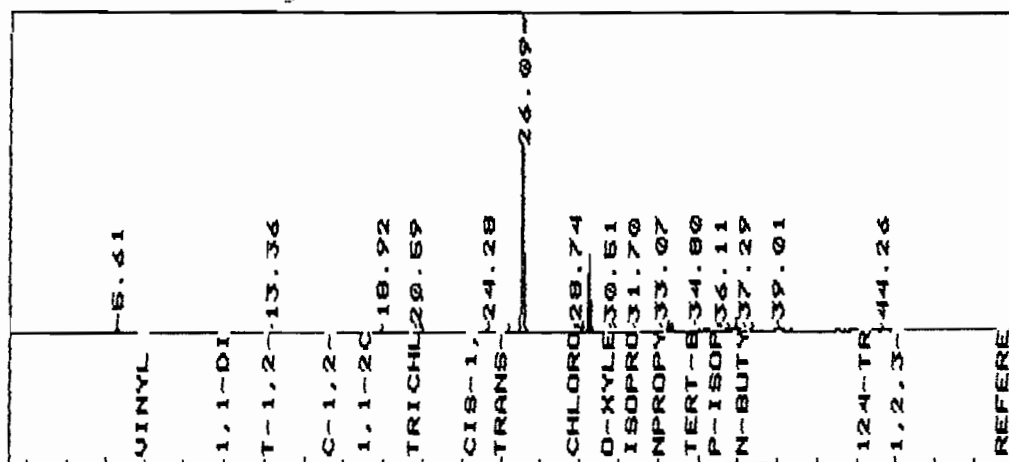
TOTAL AMOUNT = 84.6344

EL
7/12/93

Data File = A:BMR3115.PTS Printed on 04-12-1993 at 09:33:41

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4842 uv High Value: 14898 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-06 601/602 SOIL 500000X Operator: EM
* Data File Name: A:AMR3116.ATB
* Date Taken: 03-31-1993 03:01:56 Original Method:ACOL
* Interface: 8 Cycle#: 16 Channel#: 0 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.51	10,510.	0.1030	1	1,332.	0.112	7.9
2	6.75	9,420.	0.0923	2	926.	0.100	10.2
3	7.00	4,574.	0.0448	2	510.	0.049	9.0
4	8.55	3,561.	0.0349	1	401.	0.038	8.9
5	9.27	1,506.	0.0148	1	181.	0.016	8.3
6	10.55	103,917.	1.0185	3	8,564.	1.104	12.1
7	11.06	6,629.	0.0650	4	613.	0.070	10.8
8	12.63	38,394.	0.3763	1	3,910.	0.408	9.8
9	13.33	7,235.	0.0709	1	953.	0.077	7.6
10	14.65	5,331.	0.0522	1	679.	0.057	7.9
11	16.15	2,383.	0.0234	2	284.	0.025	8.4
12	16.35	8,479.	0.0831	2	919.	0.090	9.2
13	16.75	14,525.	0.1424	2	1,690.	0.154	8.6
14	17.23	1,952.	0.0191	2	246.	0.021	7.9
15	17.72	51,219.	0.5020	2	5,402.	0.544	9.5
16	18.15	7,813.	0.0766	2	953.	0.083	8.2
17	18.34	12,287.	0.1204	2	1,202.	0.131	10.2
18	19.05	4,137.	0.0406	1	628.	0.044	6.6
19	20.61	28,327.	0.2776	2	3,685.	0.301	7.7
20	20.93	10,658.	0.1045	2	1,035.	0.113	10.3
21	21.21	6,543.	0.0641	2	719.	0.070	9.1
22	21.89	2,396.	0.0235	1	406.	0.025	5.9
23	23.58	2,529.	0.0248	1	374.	0.027	6.8
24	25.13	761.	0.0075	2	133.	0.008	5.7
25	25.33	234,005.	2.2936	2	26,550.	2.487	8.8
26	26.09	9,408,875.	92.2213	3	994,086.	100.000	9.5
27	27.49	3,892.	0.0382	4	498.	0.041	7.8
28	28.06	307.	0.0030	1	80.	0.003	3.8
29	28.29	532.	0.0052	1	96.	0.006	5.5
30	28.66	259.	0.0025	2	100.	0.003	2.6
31	28.77	4,456.	0.0437	2	514.	0.047	8.7
32	28.96	13,396.	0.1313	2	1,455.	0.142	9.2
33	29.53	169,853.	1.6648	1	22,631.	1.805	7.5
34	31.35	185.	0.0018	1	73.	0.002	2.5
35	31.86	614.	0.0060	1	104.	0.007	5.9
36	32.55	1,253.	0.0123	1	191.	0.013	6.6
37	33.02	473.	0.0046	1	105.	0.005	4.5
38	33.58	1,910.	0.0187	2	294.	0.020	6.5
39	33.77	2,693.	0.0264	2	275.	0.029	9.8
40	36.17	2,238.	0.0219	1	282.	0.024	7.9
41	36.56	2,311.	0.0226	1	311.	0.025	7.4
42	37.78	2,792.	0.0274	1	375.	0.030	7.5
43	43.47	776.	0.0076	1	140.	0.008	5.5
44	43.94	5,831.	0.0571	1	764.	0.062	7.6
45	45.21	759.	0.0074	1	135.	0.008	5.6

Total Area: 10,202,495. Area Reject: 1

 * Sample Name: T303299-06 601/602 SOIL 500000X Operator: EM *
 * Data File Name: A:AMR3116.ATB *
 * Date Taken: 03-31-1993 03:01:56 Original Method:ACOL *
 * Interface: 8 Cycle#: 16 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR3116.ATB Sample Name: T303299-06 601/602 SOIL 500000X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
2	6.747	CHLOROMETHANE	~~4.0155~~	0.5870%	9,420.	926.	10.2	2	NA	NA	-6.433	1.0780E-04
3	6.997	VINYL CHLORIDE	~~0.1749~~	0.1011%	4,574.	510.	9.0	2	NA	NA	-5.430	3.8244E-05
4	8.550	CHLOROETHANE	~~0.1075~~	0.0621%	3,561.	401.	8.9	1	NA	NA	-4.911	3.0181E-05
5	9.268	3-CL-FL-METHANE	~~0.0276~~	0.0160%	1,506.	181.	8.3	1	NA	NA	-4.728	1.8335E-05
7	11.055	1,1-DICHLOROETHENE	~~0.1353~~	0.0782%	6,629.	613.	10.8	4	NA	NA	-4.374	2.0406E-05
8	12.625	METHYLENE CHLORIDE	~~0.4201~~	0.2429%	38,394.	3,910.	9.8	1	NA	NA	-4.020	1.0943E-05
9	13.327	1-1,2-2CL-ETHENE	~~0.1303~~	0.0753%	7,235.	953.	7.6	1	NA	NA	-3.822	1.8003E-05
10	14.646	1,1-DICHLOROETHANE	~~0.1063~~	0.0616%	5,331.	679.	7.9	1	NA	NA	-3.596	1.9977E-05
11	16.149	2,2-2CL-PROPANE	~~0.0730~~	0.0434%	2,383.	284.	8.4	2	NA	NA	-3.197	3.1490E-05
12	16.349	C-1,2-2CL-ETHENE	~~0.1324~~	0.0766%	8,479.	919.	9.2	2	NA	NA	-3.384	1.5619E-05
13	16.750	CHLOROFORM	~~0.1016~~	0.1050%	14,525.	1,690.	8.6	2	NA	NA	-3.363	1.2504E-05
14	17.234	BROMOCHLOROMETHANE	~~0.0572~~	0.0331%	1,952.	246.	7.9	2	NA	NA	-3.339	2.9313E-05
15	17.719	1,1,1-3CL-ETHANE	0.7702	0.4452%	51,219.	5,402.	9.5	2	NA	NA	-3.226	1.5037E-05
16	18.153	1,1-2CL-PROPENE	~~0.1020~~	0.1052%	7,813.	953.	8.2	2	NA	NA	-3.209	2.3298E-05
17	18.337	CARBON 4CHLORIDE	~~0.1373~~	0.0794%	12,287.	1,202.	10.2	2	NA	NA	-3.289	1.1174E-05
18	19.055	1,2-DICHLOROETHANE	~~0.0728~~	0.0421%	4,137.	628.	6.6	1	NA	NA	-3.091	1.7599E-05
19	20.608	TRICHLOROETHENE	~~0.4412~~	0.2550%	28,327.	3,685.	7.7	2	NA	NA	-2.968	1.5575E-05
21	21.209	1,2-2CLPROPANE	~~0.1229~~	0.0711%	6,543.	719.	9.1	2	NA	NA	-3.031	1.8789E-05
22	21.894	BR-2CL-METHANE	~~0.0594~~	0.0343%	2,396.	406.	5.9	1	NA	NA	-2.941	2.4783E-05
23	23.580	CIS-1,3-2CLPROPENE	~~0.0498~~	0.0288%	2,529.	374.	6.8	1	NA	NA	-2.703	1.9702E-05
25	25.334	2BR-1CL-PROPANE	10.0000	0.0000%	234,005.	26,550.	8.8	2	NA	NA	-2.880	4.2734E-05
26	26.085	TETRACHLOROETHENE	160.1682	92.5927%	9,408,875.	994,086.	9.5	3	NA	NA	-2.931	1.7023E-05
27	27.488	1,2-DIBROMOETHANE	~~0.1723~~	0.0996%	3,892.	498.	7.8	4	NA	NA	-2.850	4.4260E-05
31	28.774	CHLOROBENZENE	~~0.2608~~	0.1508%	4,456.	514.	8.7	2	NA	NA	-2.722	5.8534E-05
32	28.958	1112-4CLETHANE	~~0.1637~~	0.0946%	13,396.	1,455.	9.2	2	NA	NA	-2.721	1.2220E-05
33	29.526	surrogate	7.2416	4.1863%	169,853.	22,631.	7.5	1	NA	NA	-2.771	4.2634E-05
35	31.864	BROMOFORM	~~0.0374~~	0.0216%	614.	104.	5.9	1	NA	NA	-2.547	6.0872E-05
36	32.548	1,1,2,2-4CL-ETHANE	~~0.0274~~	0.0158%	1,253.	191.	6.6	1	NA	NA	-2.546	2.1842E-05
37	33.016	1,2,3-3CL-PROPANE	~~0.0149~~	0.0086%	473.	105.	4.5	1	NA	NA	-2.496	3.1584E-05
38	33.584	2-CHLOROTOLUENE	~~0.0899~~	0.0520%	1,910.	294.	6.5	2	NA	NA	-2.545	4.7094E-05
39	33.767	4-CHLOROTOLUENE	~~0.0726~~	0.0420%	2,693.	275.	9.8	2	NA	NA	-2.545	2.6950E-05
40	36.172	1,3-DICHLOROBENZEN	~~0.0688~~	0.0398%	2,238.	282.	7.9	1	NA	NA	-2.541	3.0749E-05
41	36.556	1,4-DICHLOROBENZEN	~~0.0553~~	0.0319%	2,311.	311.	7.4	1	NA	NA	-2.585	2.3913E-05
42	37.775	1,2-DICHLOROBENZEN	~~0.0737~~	0.0426%	2,792.	375.	7.5	1	NA	NA	-2.539	2.6408E-05
43	43.470	1,2,4-3CL-BENZENE	~~0.0224~~	0.0129%	776.	140.	5.5	1	NA	NA	-2.496	2.8859E-05
44	43.938	6CL-BUTADIENE	~~0.0943~~	0.0545%	5,831.	764.	7.6	1	NA	NA	-2.533	1.6174E-05
45	45.207	1,2,3-3CL-BENZENE	~~0.0186~~	0.0108%	759.	135.	5.6	1	NA	NA	-2.460	2.4553E-05

TOTAL AMOUNT =

172.9815

AL
7/12/91

Data File = A:AMR3116.PTS Printed on 04-12-1993 at 09:34:21

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5055 uv High Value: 999999 uv Scale factor: 1.0

2CL-2F	5.51
BROMOM	4.75
1.1-DI	8.55
METHYL	10.55
1.1-DI	12.43
2.2-2C	14.45
1.1.1	16.15
1.2-DI	17.72
TRICHL	19.05
BR-2CL	20.41
CIS-1.2	21.89
2BR-1C	23.58
2BR-CL	25.13
CHLORO	27.49
BROMOP	28.44
1.2.3	31.35
1.3-DI	32.55
1.2-DI	33.77
1.2-2B	36.17
1.2.4	37.78
1.2.3	43.47
	45.21
	24.09

```

*****
* Sample Name: T303299-06 601/602 SOIL 500000X Operator: EM *
* Data File Name: A:BMR3116.ATB *
* Date Taken: 03-31-1993 03:01:56 Original Method:BCOL *
* Interface: 8 Cycle#: 16 Channel#: 1 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.48	514.	0.1828	1	109.	0.213	4.7
2	13.28	296.	0.1051	1	53.	0.123	5.6
3	18.89	403.	0.1432	1	69.	0.167	5.8
4	20.57	575.	0.2045	2	99.	0.238	5.8
5	20.91	5,001.	1.7786	2	811.	2.073	6.2
6	24.27	9,714.	3.4546	1	1,795.	4.027	5.4
7	25.33	309.	0.1099	1	51.	0.128	6.0
8	26.09	241,234.	85.7905	1	41,744.	100.000	5.8
9	28.74	336.	0.1196	2	60.	0.139	5.6
10	28.92	652.	0.2319	2	115.	0.270	5.7
11	29.16	4,925.	1.7513	2	911.	2.041	5.4
12	29.51	11,604.	4.1268	1	2,104.	4.810	5.5
13	30.53	1,128.	0.4011	2	195.	0.468	5.8
14	30.73	283.	0.1006	2	44.	0.117	6.4
15	31.71	244.	0.0869	1	43.	0.101	5.7
16	33.07	494.	0.1757	1	61.	0.205	8.2
17	33.53	601.	0.2138	1	112.	0.249	5.4
18	34.82	582.	0.2070	1	68.	0.241	8.5
19	35.91	243.	0.0864	1	47.	0.101	5.2
20	36.89	1,223.	0.4351	1	146.	0.507	8.4
21	37.31	220.	0.0784	1	40.	0.091	5.5
22	39.03	237.	0.0845	1	40.	0.098	6.0
23	42.90	370.	0.1315	1	40.	0.153	9.2

Total Area: 281,190. Area Reject: 1

 * Sample Name: T303299-06 601/602 SOIL 500000X Operator: EM *
 * Data File Name: A:BMR3116.ATB *
 * Date Taken: 03-31-1993 03:01:56 Original Method:BCOL *
 * Interface: 8 Cycle#: 16 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3116.ATB Sample Name: T303299-06 601/602 SOIL 500000X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	13.277	T-1,2-DICHLOROTHE	0-2458	0.0733%	296.	53.	5.6	1	NA	NA	-1.364	8.3498E-04
3	18.888	BENZENE	0-2376	0.0712%	403.	69.	5.8	1	NA	NA	-7.023	5.9484E-04
4	20.574	TRICHLOROETHENE	0-5956	0.1772%	575.	99.	5.8	2	NA	NA	-5.649	1.0374E-03
5	20.908	surrogate	9.2936	2.7600%	5,001.	811.	6.2	2	NA	NA	-4.769	1.8582E-03
6	24.265	TOLUENE	5.8616	1.7408%	9,714.	1,795.	5.4	1	NA	NA	-4.112	6.0343E-04
7	25.334	TRANS-1,3-2CLPROPE	0-6884	0.2045%	309.	51.	6.0	1	NA	NA	.7973	2.2271E-03
8	26.085	TETRACHLOROETHENE	313.0874	92.9798%	241,234.	41,744.	5.8	1	NA	NA	-3.190	1.2979E-03
9	28.741	CHLOROBENZENE	0-2020	0.0600%	336.	60.	5.6	2	NA	NA	-1.740	6.0083E-04
10	28.924	ETHYLBENZENE	0-4210	0.1250%	652.	115.	5.7	2	NA	NA	-2.304	6.4575E-04
11	29.158	M,P-XYLENE	2.6685	0.7925%	4,925.	911.	5.4	2	NA	NA	-2.285	5.4187E-04
12	29.509	1-CL-2-FL-BENZENE	10.0000	0.0000%	11,604.	2,104.	5.5	1	NA	NA	-2.258	8.6176E-04
13	30.528	O-XYLENE	0.7721	0.2293%	1,128.	195.	5.8	2	NA	NA	-1.638	6.8450E-04
14	30.728	STYRENE	0-1479	0.0439%	283.	44.	6.4	2	NA	NA	-1.085	5.2312E-04
15	31.713	ISOPROPYLBENZENE	0-2030	0.0603%	244.	43.	5.7	1	NA	NA	-1.577	8.3011E-04
16	33.066	NPROPYL;BROMOBENZE	0-3006	0.0893%	494.	61.	8.2	1	NA	NA	-1.512	6.0847E-04
17	33.534	135-TMB;2CLTOLUENE	0-3219	0.0956%	601.	112.	5.4	1	NA	NA	-1.491	5.3547E-04
18	34.820	TERT-BUTYL BENZENE	0-3129	0.1523%	582.	68.	8.5	1	NA	NA	.1922	8.8109E-04
19	35.905	P-ISOPROPYLTOLUENE	0-1965	0.0584%	243.	47.	5.2	1	NA	NA	-1.393	8.0864E-04
20	36.890	1,4-2CL-BENZENE	0-7984	0.2371%	1,223.	146.	8.4	1	NA	NA	.9136	6.5257E-04
21	37.308	N-BUTYLBENZENE	0-1670	0.0496%	220.	40.	5.5	1	NA	NA	0	7.5772E-04

TOTAL AMOUNT = 336.7261

PL
7/14/93

Data File = A:BMR3116.PTS Printed on 04-12-1993 at 09:34:58

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4845 uv High Value: 46612 uv Scale factor: 1.0

VINYL	6.48
1,1-DI	
T-1,2	13.28
C-1,2	
1,1-2C	18.89
TRICHL	20.57
CIS-1,	24.27
TRANS	24.89
CHLORO	28.74
O-XYLE	30.53
ISOPRO	31.71
NPROPY	33.07
TERT-B	34.82
P-ISOP	
N-BUTY	36.89
	39.03
124-TR	42.90
1,2,3	
REFERE	

```

*****
* Sample Name: T303299-07 601/602 SOIL 500000X Operator: EM
* Data File Name: A:AMR3117.ATB
* Date Taken: 03-31-1993 04:04:46 Original Method:ACOL
* Interface: 8 Cycle#: 17 Channel#: 0 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.63	15,947.	2.0410	1	2,362.	4.792	6.8
2	6.81	6,094.	0.7800	1	728.	1.831	8.4
3	10.59	8,135.	1.0412	1	742.	2.445	11.0
4	12.63	24,587.	3.1468	1	2,882.	7.389	8.5
5	13.34	542.	0.0694	1	96.	0.163	5.6
6	16.33	284.	0.0363	1	62.	0.085	4.6
7	16.73	3,017.	0.3861	1	445.	0.907	6.8
8	17.72	3,643.	0.4662	1	452.	1.095	8.1
9	19.05	593.	0.0759	1	89.	0.178	6.7
10	20.59	495.	0.0634	1	102.	0.149	4.8
11	20.91	5,115.	0.6547	1	588.	1.537	8.7
12	25.33	219,534.	28.0975	2	25,367.	65.974	8.7
13	26.12	332,760.	42.5889	3	41,601.	100.000	8.0
14	26.94	1,802.	0.2306	4	240.	0.542	7.5
15	28.79	428.	0.0548	2	71.	0.129	6.0
16	28.97	2,282.	0.2921	2	312.	0.686	7.3
17	29.53	153,608.	19.6598	1	20,761.	46.162	7.4
18	36.61	469.	0.0600	1	75.	0.141	6.3
19	37.79	1,085.	0.1389	1	141.	0.326	7.7
20	43.95	447.	0.0572	1	87.	0.134	5.2
21	45.19	462.	0.0592	1	77.	0.139	6.0

Total Area: 781,330. Area Reject: 1

 * Sample Name: T303299-07 601/602 SOIL 500000X Operator: EM *
 * Data File Name: A:AMR3117.ATB *
 * Date Taken: 03-31-1993 04:04:46 Original Method:ACOL *
 * Interface: 8 Cycle#: 17 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR3117.ATB Sample Name: T303299-07 601/602 SOIL 500000X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

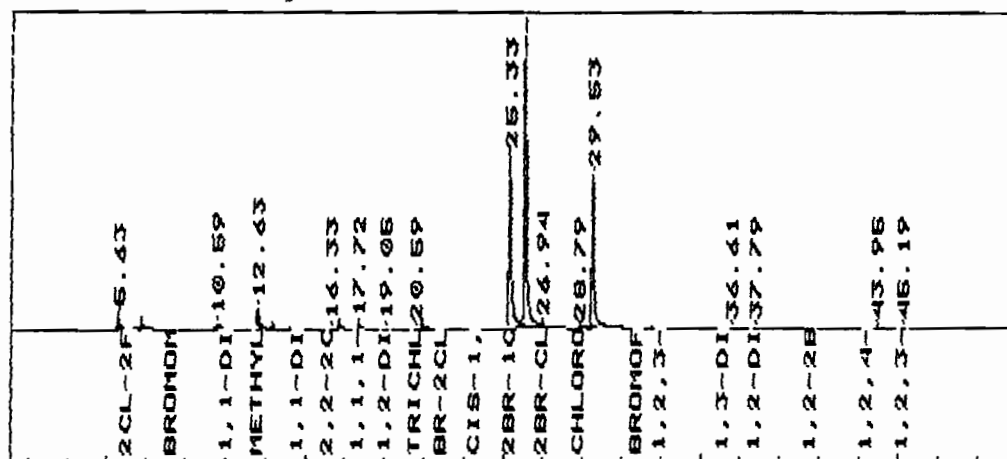
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	6.814	CHLOROMETHANE	0.7003	4.8569%	6,094.	728. 8.4	1	NA	-3.087	1.1491E-04
4	12.625	METHYLENE CHLORIDE	~~0.2868~~	1.9891%	24,587.	2,882. 8.5	1	NA	-1.562	1.1664E-05
5	13.343	1,1,2-2CL-ETHENE	~~0.0104~~	0.0721%	542.	96. 5.6	1	NA	-1.236	1.9190E-05
6	16.333	1,1,2-2CL-ETHENE	~~0.0047~~	0.0327%	284.	62. 4.6	1	NA	-1.012	1.6649E-05
7	16.733	CHLOROFORM	0.0402	0.2789%	3,017.	445. 6.8	1	NA	-9.881	1.3328E-05
8	17.719	1,1,1-3CL-ETHANE	~~0.0584~~	0.4049%	3,643.	452. 8.1	1	NA	-7.483	1.6028E-05
9	19.055	1,2-DICHLOROBETHANE	~~0.0111~~	0.0772%	593.	89. 6.7	1	NA	-6.097	1.8759E-05
10	20.591	TRICHLOROBETHENE	~~0.0082~~	0.0570%	495.	102. 4.8	1	NA	-5.645	1.6602E-05
11	20.908	1,2-2CLPROPANE	~~0.1024~~	0.7105%	5,115.	588. 8.7	1	NA	-1.957	2.0027E-05
12	25.334	2BR-1CL-PROPANE	10.0000	0.0000%	219,534.	25,367. 8.7	2	NA	-3.939	4.5551E-05
13	26.119	TETRACHLOROBETHENE	6.0380	41.8773%	332,760.	41,601. 8.0	3	NA	-3.186	1.8145E-05
14	26.937	2BR-CL-METHANE	~~0.0583~~	0.4042%	1,802.	240. 7.5	4	NA	-3.090	3.2340E-05
15	28.791	CHLOROBENZENE	~~0.0267~~	0.1852%	428.	71. 6.0	2	NA	-1.737	6.2392E-05
16	28.974	1112-4CLETHANE	~~0.0297~~	0.2062%	2,282.	312. 7.3	2	NA	-1.726	1.3026E-05
17	29.526	surrogate	6.9807	48.4155%	153,608.	20,761. 7.4	1	NA	-2.820	4.5445E-05
18	36.606	1,4-DICHLOROBENZEN	~~0.0120~~	0.0829%	469.	75. 6.3	1	NA	0	2.5489E-05
19	37.792	1,2-DICHLOROBENZEN	~~0.0305~~	0.2119%	1,085.	141. 7.7	1	NA	0	2.8149E-05
20	43.954	6CL-BUTADIENE	~~0.0077~~	0.0534%	447.	87. 5.2	1	NA	0	1.7241E-05
21	45.190	1,2,3-3CL-BENZENE	~~0.0121~~	0.0839%	462.	77. 6.0	1	NA	0	2.6171E-05

TOTAL AMOUNT = 14.4183

EL
4/1/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5071 uv High Value: 46910 uv Scale factor: 1.0



 * Sample Name: T303299-07 601/602 SOIL 500000X Operator: EM *
 * Data File Name: A:BMR3117.ATB *
 * Date Taken: 03-31-1993 04:04:46 Original Method:BCDL *
 * Interface: 8 Cycle#: 17 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.61	1,216.	5.2182	1	357.	10.590	3.4
2	20.88	5,104.	21.9050	1	837.	44.454	6.1
3	24.25	314.	1.3481	1	55.	2.736	5.7
4	25.33	301.	1.2900	1	49.	2.618	6.2
5	26.09	4,375.	18.7745	1	762.	38.101	5.7
6	29.16	307.	1.3158	1	55.	2.670	5.5
7	29.49	11,482.	49.2754	1	2,189.	100.000	5.2
8	33.53	203.	0.8729	1	38.	1.772	5.4

Total Area: 23,302. Area Reject: 1

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*****
* Sample Name: T303299-07 601/602 SOIL 500000X      Operator: EM
* Data File Name: A:BMR3117.ATB
* Date Taken: 03-31-1993 04:04:46      Original Method:BCOL
* Interface: 8      Cycle#: 17      Channel#: 1      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3117.ATB Sample Name: T303299-07 601/602 SOIL 500000X
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	20.875	surrogate	9.5857	58.2008%	5,104.	837.	6.1	1	NA	NA	-6359	1.8780E-03
3	24.248	TOLUENE	~~0.1915~~	1.1631%	314.	55.	5.7	1	NA	NA	-4797	6.0985E-04
4	25.334	TRANS-1,3-2CLPROPE	~~0.6766~~	4.1080%	301.	49.	6.2	1	NA	NA	.7973	2.2508E-03
5	26.085	TETRACHLOROETHENE	5.7382	34.8402%	4,375.	762.	5.7	1	NA	NA	-3190	1.3117E-03
6	29.158	M,P-XYLENE	~~0.1679~~	1.0195%	307.	55.	5.5	1	NA	NA	-2285	5.4764E-04
7	29.492	1-CL-2-FL-BENZENE	10.0000	0.0000%	11,482.	2,189.	5.2	1	NA	NA	-2823	8.7093E-04
8	33.534	135-TNB;2CLTOLUENE	~~0.1101~~	0.6684%	203.	38.	5.4	1	NA	NA	-1491	5.4117E-04

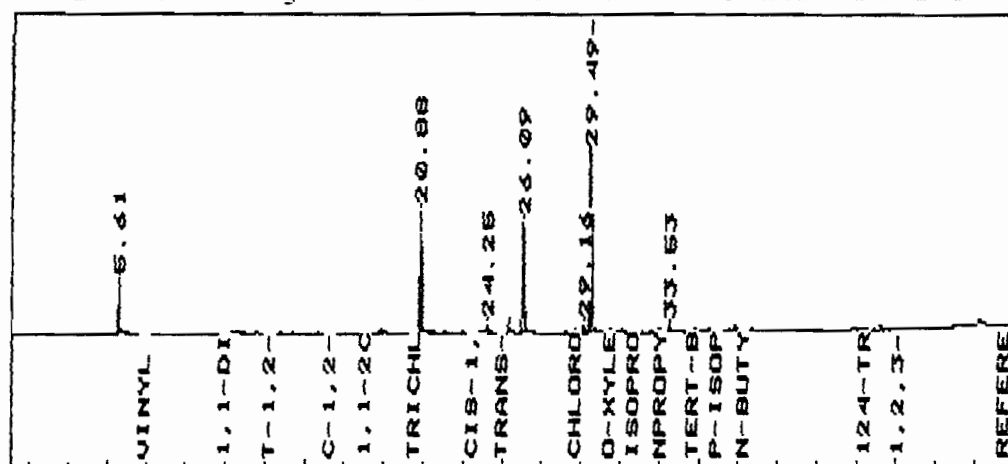
TOTAL AMOUNT = 16.4701

4/12/93

Data File = A:BMR3117.PTS Printed on 04-12-1993 at 09:36:14

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4843 uv High Value: 7048 uv Scale factor: 1.0



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*****
* Sample Name: T303299-08 601/602 100X RERUN          Operator: EM      *
* Data File Name: A:APL0514.ATB                      *
* Date Taken: 04-06-1993 00:01:57      Original Method:ACOL          *
* Interface: 8              Cycle#: 14      Channel#: 0      Vial#: N.A.  *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT      = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	6.06	8,420.	1.6602	1	1,062.	3.361	7.9
2	12.99	18,156.	3.5799	1	1,577.	7.248	11.5
3	17.03	1,292.	0.2548	1	207.	0.516	6.3
4	17.95	5,381.	1.0609	1	661.	2.148	8.1
5	21.09	8,007.	1.5787	1	869.	3.196	9.2
6	25.48	250,515.	49.3944	2	28,745.	100.000	8.7
7	26.29	19,206.	3.7870	2	1,629.	7.667	11.8
8	29.66	196,195.	38.6841	1	25,203.	78.317	7.8

Total Area: 507,173. Area Reject: 1

 * Sample Name: T303299-08 601/602 100X RERUN Operator: EM *
 * Data File Name: A:APLO514.ATB *
 * Date Taken: 04-06-1993 00:01:57 Original Method:ACOL *
 * Interface: 8 Cycle#: 14 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:APLO514.ATB Sample Name: T303299-08 601/602 100X RERUN

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	REF HEIGHT	INT.STD BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	12.993	METHYLENE CHLORIDE	0.3444	3.6016%	18,156.	1,577.	11.5	1	NA	NA	1.302	1.7135E-05
3	17.034	CHLOROFORM	0.0472	0.1991%	1,292.	207.	6.3	1	NA	NA	.7905	1.3310E-05
4	17.953	1,1,1-3CL-ETHANE	0.0814	0.9423%	5,381.	661.	8.1	1	NA	NA	.5612	1.5126E-05
5	21.092	1,2-2CLPROPANE	0.1600	1.8521%	8,007.	869.	9.2	1	NA	NA	-1.096	1.9980E-05
6	25.484	2BR-1CL-PROPANE	10.0000	0.0000%	250,515.	28,745.	8.7	2	NA	NA	.1969	3.9918E-05
7	26.286	TETRACHLOROETHENE	0.2905	3.3626%	19,206.	1,629.	11.8	2	NA	NA	.3186	1.5123E-05
8	29.659	surrogate	7.7777	90.0424%	196,195.	25,203.	7.8	1	NA	NA	.1692	3.9643E-05

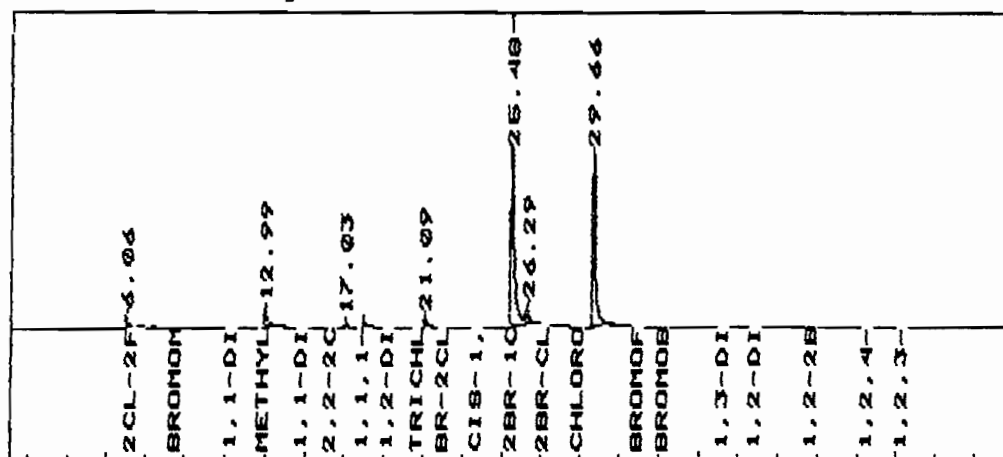
TOTAL AMOUNT = 8.6378

12
7/12/93

Data File = A:APL0514.PTS Printed on 04-09-1993 at 15:26:56

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5037 uv High Value: 33861 uv Scale factor: 1.0



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*****
* Sample Name: T303299-08 601/602 100X RERUN          Operator: EM      *
* Data File Name: A:BPL0514.ATB                      *
* Date Taken: 04-06-1993 00:01:57      Original Method:BCDL          *
* Interface: 8              Cycle#: 14      Channel#: 1      Vial#: N.A.  *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT      = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	6.03	281.	2.3393	1	62.	3.625	4.5
2	21.08	3,229.	26.9226	1	499.	41.721	6.5
3	25.48	312.	2.5983	1	56.	4.026	5.6
4	29.63	7,739.	64.5307	1	1,384.	100.000	5.6
5	36.97	433.	3.6092	1	53.	5.593	8.1

Total Area: 11,993. Area Reject: 1

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*****
* Sample Name: T303299-08 601/602 100X RERUN          Operator: EM
* Data File Name: A:BPL0514.ATB
* Date Taken: 04-06-1993 00:01:57      Original Method:BCOL
* Interface: 8          Cycle#: 14          Channel#: 1      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BPL0514.ATB Sample Name: T303299-08 601/602 100X RERUN

Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	21.075	surrogate	9.7081	86.9698%	3,229.	499.	6.5 1	NA	NA	.3179	3.0066E-03
3	25.484	TRANS-1,3-2CLPROPE	~~1.0411~~	9.3265%	312.	56.	5.6 1	NA	NA	1.395	3.3408E-03
4	29.626	1-CL-2-FL-BENZENE	10.0000	0.0000%	7,739.	1,384.	5.6 1	NA	NA	.1693	1.2921E-03
5	36.974	1,4-2CL-BENZENE	~~0.4134~~	3.7037%	433.	53.	8.1 1	NA	NA	1.142	9.5510E-04

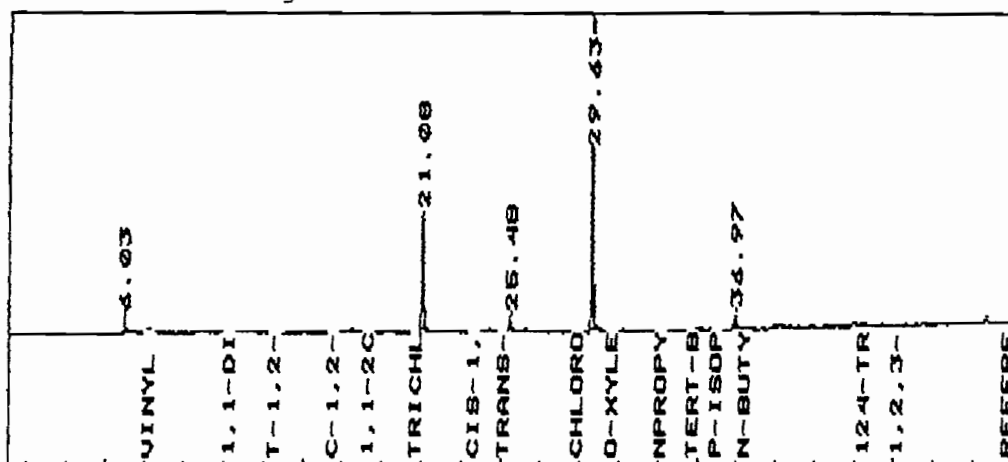
TOTAL AMOUNT = 11.1625

pc
7/12/93

Data File = A:BPL0514.PTS Printed on 04-09-1993 at 15:27:33

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4841 uv High Value: 6241 uv Scale factor: 1.0



 * Sample Name: T303299-09 601/602 SDIL 100000X Operator: EM *
 * Data File Name: A:AMR3119.ATB *
 * Date Taken: 03-31-1993 06:10:34 Original Method:ACDL *
 * Interface: 8 Cycle#: 19 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.76	12,923.	2.2499	1	1,919.	6.441	6.7
2	6.96	3,488.	0.6073	1	364.	1.738	9.6
3	10.65	8,651.	1.5062	1	792.	4.312	10.9
4	12.71	17,261.	3.0053	1	2,009.	8.603	8.6
5	16.35	63,578.	11.0692	3	7,645.	31.688	8.3
6	16.78	3,064.	0.5335	4	368.	1.527	8.3
7	17.74	25,649.	4.4656	1	2,665.	12.784	9.6
8	20.62	7,867.	1.3696	2	1,034.	3.921	7.6
9	20.93	5,831.	1.0153	2	658.	2.906	8.9
10	25.33	200,638.	34.9320	2	23,430.	100.000	8.6
11	26.14	59,975.	10.4419	2	6,980.	29.892	8.6
12	29.54	155,565.	27.0846	1	20,279.	77.535	7.7
13	36.57	9,877.	1.7196	1	1,226.	4.923	8.1

Total Area: 574,367. Area Reject: 1

 * Sample Name: T303299-09 601/602 SOIL 100000X Operator: EM *
 * Data File Name: A:AMR3119.ATB *
 * Date Taken: 03-31-1993 06:10:34 Original Method:ACOL *
 * Interface: 8 Cycle#: 19 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR3119.ATB Sample Name: T303299-09 601/602 SOIL 100000X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	6.964	CHLOROMETHANE	0.4385	3.7216%	3,488.	364.	9.6	1	NA	NA	-1.9501	1.2573E-04
4	12.709	METHYLENE CHLORIDE	0.2203	1.8696%	17,261.	2,009.	8.6	1	NA	NA	-1.9114	1.2763E-05
5	16.349	C-1,2-DCL-ETHENE	1.1582	9.8285%	63,578.	7,645.	8.3	3	NA	NA	-1.9109	1.8217E-05
6	16.784	CHLOROFORM	0.0447	0.3792%	3,064.	368.	8.3	4	NA	NA	-1.6916	1.4583E-05
7	17.735	1,1,1-3CL-ETHANE	0.4498	3.8173%	25,649.	2,665.	9.6	1	NA	NA	-1.6548	1.7538E-05
8	20.625	TRICHLOROETHENE	0.1429	1.2127%	7,867.	1,034.	7.6	2	NA	NA	-1.4032	1.8165E-05
9	20.925	1,2-DCLPROPANE	0.1278	1.0844%	5,831.	658.	8.9	2	NA	NA	-1.879	2.1913E-05
10	25.334	2BR-1CL-PROPANE	10.0000	0.0000%	200,638.	23,430.	8.6	2	NA	NA	-1.3939	4.9841E-05
11	26.136	TETRACHLOROETHENE	1.1908	10.1049%	59,975.	6,980.	8.6	2	NA	NA	-1.2549	1.9854E-05
12	29.542	surrogate	7.7354	65.6443%	155,565.	20,279.	7.7	1	NA	NA	-1.2256	4.9725E-05
13	36.573	1,4-DICHLOROBENZEN	0.2755	2.3376%	9,877.	1,226.	8.1	1	NA	NA	0	2.7890E-05

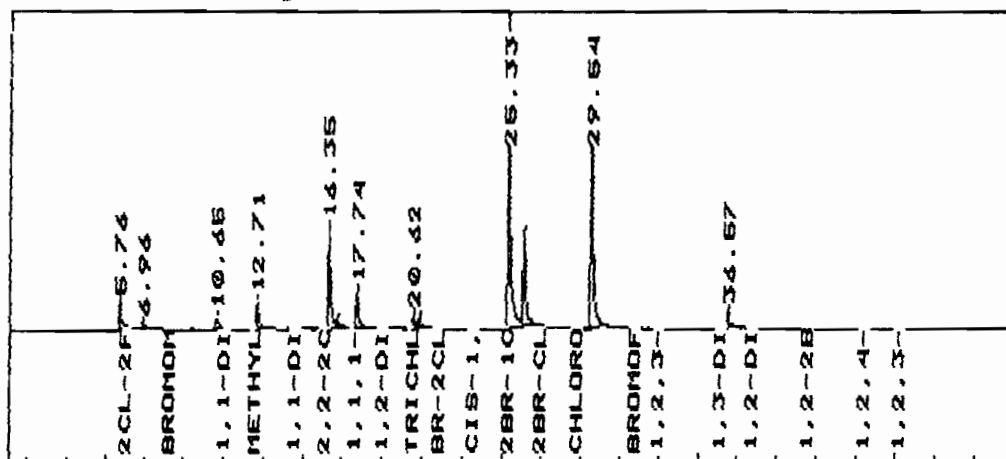
TOTAL AMOUNT = 11.7839

AL
4/12/93

Data File = A:AMR3119.PTS Printed on 04-12-1993 at 09:36:52

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5057 uv High Value: 28571 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-09 601/602 SOIL 100000X          Operator: EM          *
* Data File Name: A:BMR3119.ATB                          *
* Date Taken: 03-31-1993 06:10:34      Original Method:BCOL      *
* Interface: 8              Cycle#: 19              Channel#: 1      Vial#: N.A.      *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT      = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.73	978.	3.7130	1	261.	9.187	3.8
2	16.32	1,130.	4.2913	1	200.	10.618	5.7
3	20.91	4,811.	18.2647	1	795.	45.192	6.1
4	24.27	842.	3.1957	1	150.	7.907	5.6
5	25.33	213.	0.8103	1	40.	2.005	5.3
6	26.10	727.	2.7620	1	120.	6.834	6.1
7	29.16	492.	1.8679	1	88.	4.622	5.6
8	29.51	10,645.	40.4155	1	2,020.	100.000	5.3
9	31.10	346.	1.3144	1	45.	3.252	7.6
10	33.38	420.	1.5959	2	59.	3.949	7.1
11	33.55	437.	1.6606	2	71.	4.109	6.2
12	34.82	685.	2.6003	1	127.	6.434	5.4
13	35.54	177.	0.6734	1	36.	1.666	4.9
14	36.39	299.	1.1337	2	53.	2.805	5.6
15	36.51	757.	2.8750	2	132.	7.114	5.7
16	36.89	783.	2.9712	1	115.	7.352	6.8
17	37.32	292.	1.1071	1	55.	2.739	5.3
18	40.15	315.	1.1965	1	55.	2.960	5.8
19	42.00	250.	0.9492	1	47.	2.349	5.4
20	42.77	187.	0.7114	1	39.	1.760	4.8
21	44.26	468.	1.7766	1	88.	4.396	5.3
22	48.08	686.	2.6041	1	106.	6.443	6.5
23	48.93	398.	1.5103	1	69.	3.737	5.8

Total Area: 26,338. Area Reject: 1

 * Sample Name: T303299-09 601/602 SOIL 100000X Operator: EM *
 * Data File Name: A:BMR3119.ATB *
 * Date Taken: 03-31-1993 06:10:34 Original Method:BCOL *
 * Interface: 8 Cycle#: 19 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3119.ATB Sample Name: T303299-09 601/602 SOIL 100000X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	16.316	C-1,2-2CL-ETHENE	~~1.9729~~	11.7038%	1,130.	200.	5.7	1	NA	NA	-.8121	1.7455E-03
3	20.908	surrogate	9.7449	57.8103%	4,811.	795.	6.1	1	NA	NA	-.4769	2.0257E-03
4	24.265	TOLUENE	0.5537	3.2846%	842.	150.	5.6	1	NA	NA	-.4112	6.5782E-04
5	25.334	TRANS-1,3-2CLPROPE	~~0.5182~~	3.0740%	213.	40.	5.3	1	NA	NA	.7973	2.4279E-03
6	26.102	TETRACHLORDETHENE	1.0292	6.1057%	727.	120.	6.1	1	NA	NA	-.2552	1.4148E-03
7	29.158	M,P-XYLENE	~~0.2906~~	1.7240%	492.	88.	5.6	1	NA	NA	-.2285	5.9071E-04
8	29.509	1-CL-2-FL-BENZENE	10.0000	0.0000%	10,645.	2,020.	5.3	1	NA	NA	-.2258	9.3943E-04
10	33.383	NPROPYL;BROMOBENZE	~~0.2788~~	1.6540%	420.	59.	7.1	2	NA	NA	.8068	6.6332E-04
11	33.550	135-TMB;2CLTOLUENE	~~0.2553~~	1.5146%	437.	71.	6.2	2	NA	NA	0	5.8374E-04
12	34.820	TERT-BUTYL BENZENE	~~0.6378~~	3.9024%	685.	127.	5.4	1	NA	NA	.1922	9.6050E-04
13	35.538	SEC-BUTYLBENZENE	~~0.1691~~	1.0029%	177.	36.	4.9	1	NA	NA	.2355	9.5325E-04
14	36.389	1,3-2CL-BENZENE	~~0.2078~~	1.2327%	299.	53.	5.6	2	NA	NA	.8466	6.9591E-04
15	36.506	1,4-2CL-BENZENE	~~0.5387~~	3.1957%	757.	132.	5.7	2	NA	NA	-.1370	7.1139E-04
17	37.325	N-BUTYLBENZENE	~~0.2409~~	1.4288%	292.	55.	5.3	1	NA	NA	0	8.2601E-04
21	44.255	NAPHTHALENE	~~0.3989~~	2.3664%	468.	88.	5.3	1	NA	NA	0	8.5247E-04

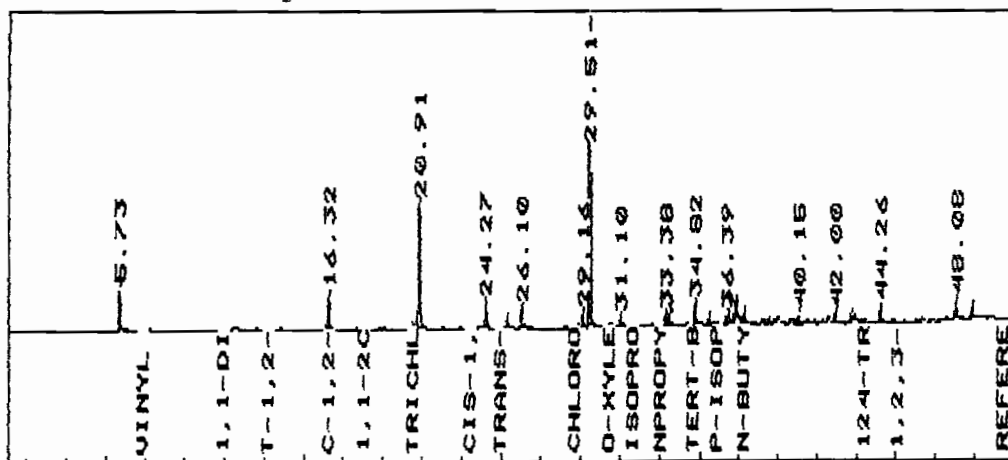
TOTAL AMOUNT = 16.8567

26
4/2/13

Data File = A:BMR3119.PTS Printed on 04-12-1993 at 09:37:29

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4845 uv High Value: 6883 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-10 601/602 100X RERUN                      Operator: EM      *
* Data File Name: A:APL0515.ATB                                   *
* Date Taken: 04-06-1993 01:04:51      Original Method:ACOL      *
* Interface: 8                      Cycle#: 15      Channel#: 0      Vial#: N.A.    *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.66	8,736.	1.4541	1	995.	3.297	8.8
2	10.79	2,426.	0.4038	1	257.	0.915	9.4
3	12.83	19,811.	3.2973	1	2,017.	7.476	9.8
4	16.97	830.	0.1382	1	145.	0.313	5.7
5	17.89	57,049.	9.4954	1	5,556.	21.530	10.3
6	21.09	9,510.	1.5829	1	1,012.	3.589	9.4
7	25.47	264,980.	44.1043	2	30,182.	100.000	8.8
8	26.25	39,430.	6.5629	2	4,827.	14.880	8.2
9	29.66	198,031.	32.9611	1	26,301.	74.735	7.5
Total Area:		600,803.	Area Reject:		1		


```

*****
* Sample Name: T303299-10 601/602 100X RERUN Operator: EM *
* Data File Name: A:APLO515.ATB *
* Date Taken: 04-06-1993 01:04:51 Original Method:ACOL *
* Interface: 8 Cycle#: 15 Channel#: 0 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:APLO515.ATB Sample Name: T303299-10 601/602 100X RERUN
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
3	12.826	METHYLENE CHLORIDE	~~0.3209~~	3.4461%	19,811.	2,017.	9.8	1	NA	NA	0	1.6199E-05
4	16.967	CHLOROFORM	~~0.0104~~	0.1122%	830.	145.	5.7	1	NA	NA	.3952	1.2583E-05
5	17.886	1,1,1-3CL-ETHANE	0.8158	8.7605%	57,049.	5,556.	10.3	1	NA	NA	.1870	1.4300E-05
6	21.092	1,2-2CLPROPANE	~~0.1795~~	1.9290%	9,510.	1,012.	9.4	1	NA	NA	-1.096	1.8889E-05
7	25.468	2BR-1CL-PROPANE	10.0000	0.0000%	264,980.	30,182.	8.8	2	NA	NA	.1313	3.7739E-05
8	26.252	TETRACHLOROETHENE	~~0.5637~~	6.0535%	39,430.	4,827.	8.2	2	NA	NA	.1912	1.4297E-05
9	29.659	surrogate	7.4219	79.6987%	198,031.	26,301.	7.5	1	NA	NA	.1692	3.7479E-05

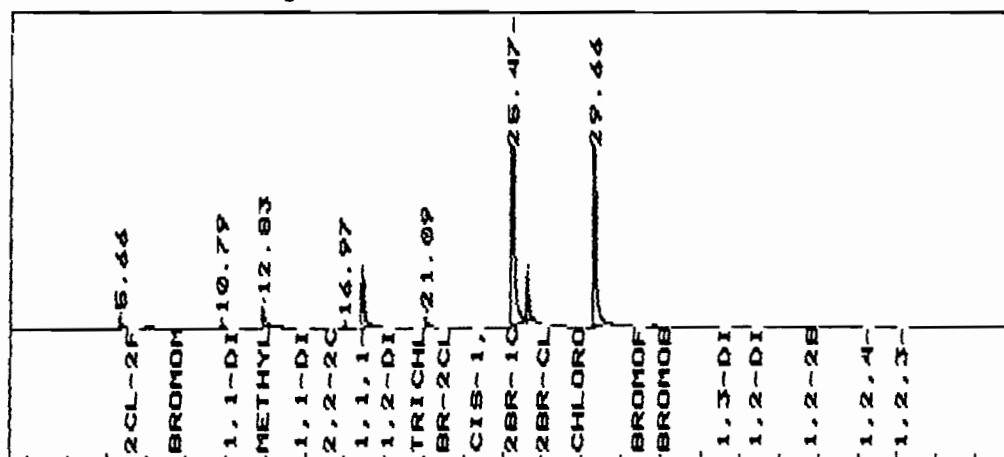
TOTAL AMOUNT = 9.3125

u
4/12/93

Data File = A:APL0515.PTS Printed on 04-09-1993 at 15:28:10

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5033 uv High Value: 35350 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-10 601/602 100X RERUN          Operator: EM
* Data File Name: A:BPL0515.ATB
* Date Taken: 04-06-1993 01:04:51      Original Method:BCOL
* Interface: 8              Cycle#: 15      Channel#: 1      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	21.06	3,382.	21.5724	1	506.	43.616	6.7
2	25.47	404.	2.5791	1	62.	5.215	6.6
3	26.22	287.	1.8281	1	50.	3.696	5.7
4	29.63	7,753.	49.4599	1	1,418.	100.000	5.5
5	36.97	676.	4.3145	1	87.	8.723	7.8
6	39.03	177.	1.1314	1	29.	2.287	6.0
7	39.48	345.	2.2020	1	52.	4.452	6.6
8	39.85	510.	3.2502	1	81.	6.571	6.3
9	41.58	294.	1.8728	1	32.	3.787	9.1
10	42.13	524.	3.3429	1	64.	6.759	8.2
11	43.60	594.	3.7903	1	98.	7.663	6.1
12	45.09	276.	1.7578	1	39.	3.554	7.0
13	45.46	183.	1.1665	1	31.	2.358	5.9
14	46.43	272.	1.7322	1	45.	3.502	6.0

Total Area: 15,676. Area Reject: 1

```

*****
* Sample Name: T303299-10 601/602 100X RERUN Operator: EM
* Data File Name: A:BPL0515.ATB
* Date Taken: 04-06-1993 01:04:51 Original Method:BCOL
* Interface: 8 Cycle#: 15 Channel#: 1 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

```

ORIGINAL RECORDED DATA USED FOR THIS TABLE.
Data File Name: A:BPL0515.ATB Sample Name: T303299-10 601/602 100X RERUN
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA	
1	21.059	surrogate	10.1491	72.6360%	3,382.	506.	6.7	1	NA	NA	.2384	3.0011E-03
2	25.468	TRANS-1,3-2CLPROPE	~~1.3483~~	9.6494%	404.	62.	6.6	1	NA	NA	1.328	3.3348E-03
3	26.219	TETRACHLOROETHENE	~~0.4004~~	2.8653%	287.	50.	5.7	1	NA	NA	.1914	1.3970E-03
4	29.626	1-CL-2-FL-BENZENE	10.0000	0.0000%	7,753.	1,418.	5.5	1	NA	NA	.1693	1.2897E-03
5	36.974	1,4-2CL-BENZENE	~~0.6448~~	4.6149%	676.	87.	7.8	1	NA	NA	1.142	9.5337E-04
11	43.604	124-TRICHLOROBENZE	~~0.9978~~	7.1408%	594.	98.	6.1	1	NA	NA	.4230	1.6792E-03
12	45.090	1,2,3-3CL-BENZENE	~~0.4323~~	3.0936%	276.	39.	7.0	1	NA	NA	-.1479	1.5687E-03

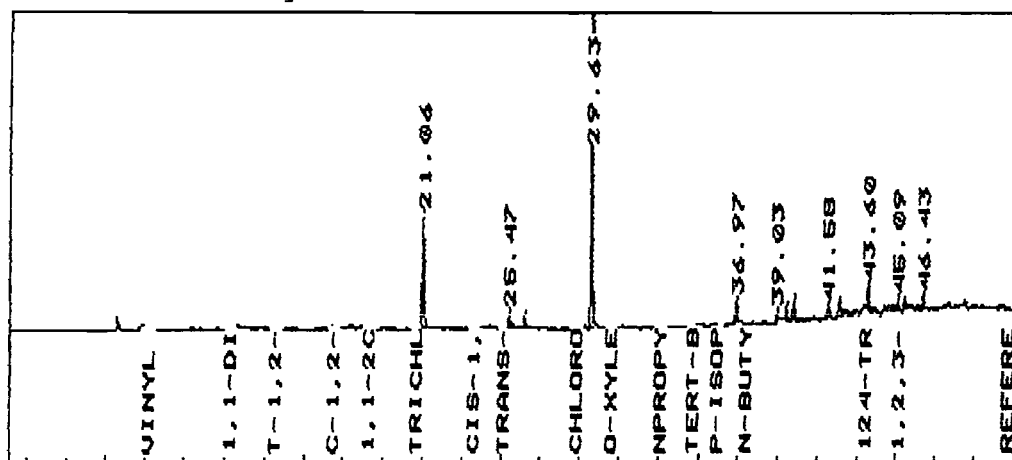
TOTAL AMOUNT = 13.9725

μ
9/14/02

Data File = A:BPL0515.PTS Printed on 04-09-1993 at 15:28:45

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4844 uv High Value: 6278 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-11 601/602 100X RERUN Operator: EM *
* Data File Name: A:APL0516.ATB *
* Date Taken: 04-06-1993 02:08:06 Original Method:ACDL *
* Interface: 8 Cycle#: 16 Channel#: 0 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.78	12,349.	0.8732	1	1,583.	1.465	7.8
2	10.79	3,401.	0.2405	1	359.	0.403	9.5
3	12.83	20,208.	1.4289	1	2,075.	2.397	9.7
4	16.57	429.	0.0303	1	71.	0.051	6.0
5	16.97	2,430.	0.1718	1	300.	0.288	8.1
6	17.87	17,469.	1.2352	1	1,872.	2.072	9.3
7	20.74	22,716.	1.6063	2	2,861.	2.695	7.9
8	21.08	18,132.	1.2821	2	1,599.	2.151	11.3
9	25.47	273,315.	19.3261	2	33,152.	32.422	8.2
10	26.24	842,982.	59.6073	2	124,852.	100.000	6.8
11	29.66	200,796.	14.1983	1	26,334.	23.820	7.6

Total Area: 1,414,226. Area Reject: 1

 * Sample Name: T303299-11 601/602 100X RERUN Operator: EM *
 * Data File Name: A:AFL0516.ATB *
 * Date Taken: 04-06-1993 02:08:06 Original Method:ACDL *
 * Interface: 8 Cycle#: 16 Channel#: 0 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AFL0516.ATB Sample Name: T303299-11 601/602 100X RERUN
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	REF HEIGHT BL	INT.STD PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
3	12.826	METHYLENE CHLORIDE	0.3174	1.5664Z	20,208.	2,075.	9.7 1	NA	NA	0	1.5705E-05
4	16.566	C-1,2-2CL-ETHENE	0.0083	0.0313Z	429.	71.	6.0 1	NA	NA	.4048	1.4775E-05
5	16.967	CHLOROFORM	0.0296	0.1463Z	2,430.	300.	8.1 1	NA	NA	.3952	1.2199E-05
6	17.869	1,1,1-3CL-ETHANE	0.2422	1.1954Z	17,469.	1,872.	9.3 1	NA	NA	.0935	1.3864E-05
7	20.741	TRICHLOROETHENE	0.3330	1.7424Z	22,716.	2,861.	7.9 2	NA	NA	.1612	1.5541E-05
8	21.075	1,2-2CLPROPANE	0.3321	1.6389Z	18,132.	1,599.	11.3 2	NA	NA	-1.174	1.8313E-05
9	25.468	2BR-1CL-PROPANE	10.0000	0.0000Z	273,315.	33,152.	8.2 2	NA	NA	.1313	3.6588E-05
10	26.236	TETRACHLOROETHENE	11.6847	57.6697Z	842,982.	124,852.	6.8 2	NA	NA	.1274	1.3861E-05
11	29.659	surrogate	7.2961	36.0097Z	200,796.	26,334.	7.6 1	NA	NA	.1692	3.6336E-05

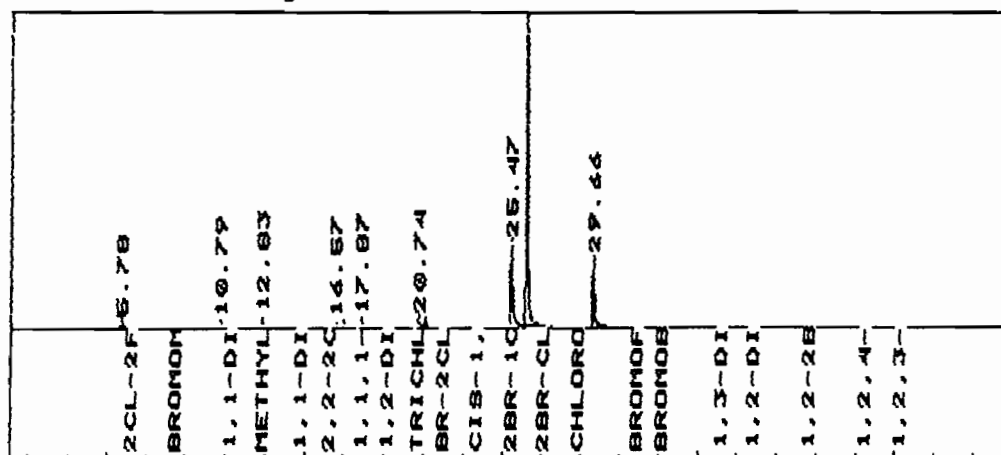
TOTAL AMOUNT = 20.2613

μ
 9/12/13

Data File = A:APL0516.PTS Printed on 04-09-1993 at 15:29:23

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5036 uv High Value: 130293 uv Scale factor: 1.0




```

*****
* Sample Name: T303299-11 601/602 100X RERUN                      Operator: EM
* Data File Name: A:BFL0516.ATB
* Date Taken: 04-06-1993 02:08:06      Original Method:BCOL
* Interface: 8                      Cycle#: 16      Channel#: 1      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.74	589.	2.6552	1	139.	6.793	4.2
2	20.71	294.	1.3269	2	50.	3.395	5.9
3	21.04	3,489.	15.7230	2	541.	40.225	6.5
4	25.47	393.	1.7701	1	64.	4.529	6.1
5	26.20	8,673.	39.0874	1	1,516.	100.000	5.7
6	29.28	347.	1.5624	1	60.	3.997	5.8
7	29.63	8,076.	36.3938	1	1,434.	93.109	5.6
8	30.63	329.	1.4811	1	56.	3.789	5.8

Total Area: 22,190. Area Reject: 1

```

*****
* Sample Name: T303299-11 601/602 100X RERUN      Operator: EM      *
* Data File Name: A:BPL0516.ATB                    *
* Date Taken: 04-06-1993 02:08:06      Original Method:BCOL      *
* Interface: 8      Cycle#: 16      Channel#: 1      Vial#: N.A.      *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BPL0516.ATB Sample Name: T303299-11 601/602 100X RERUN
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	20.708	TRICHLOROETHENE	~~0.4205~~	1.7577%	294.	50.	5.9	2	NA	NA	0	1.4283E-03
3	21.042	surrogate	10.0528	42.0183%	3,489.	541.	6.5	2	NA	NA	.1589	2.8814E-03
4	25.468	TRANS-1,3-2CLPROPE	~~1.2576~~	5.2564%	393.	64.	6.1	1	NA	NA	1.328	3.2017E-03
5	26.202	TETRACHLOROETHENE	11.6336	48.6254%	8,673.	1,516.	5.7	1	NA	NA	.1276	1.3413E-03
6	29.275	M,P-XYLENE	~~0.2518~~	1.0526%	347.	60.	5.8	1	NA	NA	.1714	7.2639E-04
7	29.626	1-CL-2-FL-BENZENE	10.0000	0.0000%	8,076.	1,434.	5.6	1	NA	NA	.1693	1.2383E-03
8	30.628	O-XYLENE	~~9.3086~~	1.2897%	329.	56.	5.8	1	NA	NA	.1638	9.3884E-04

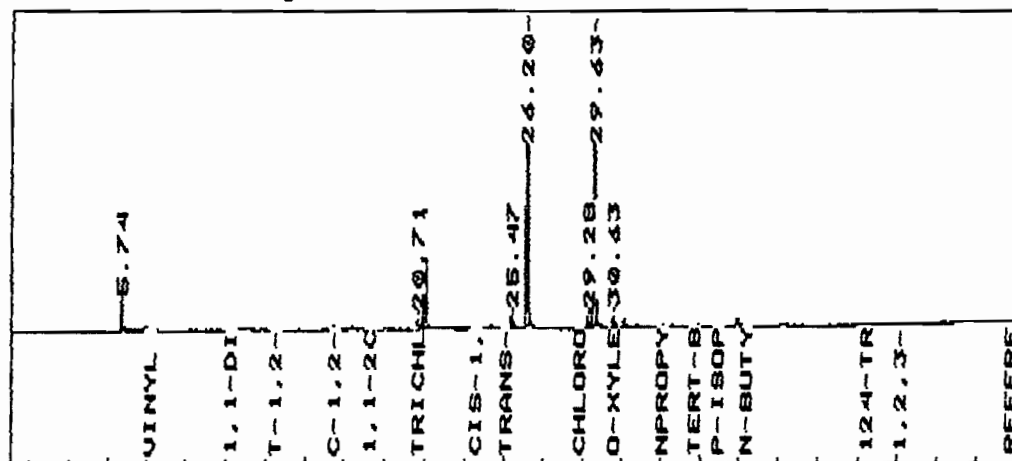
TOTAL AMOUNT = 23.9249

PL
4/12/93

Data File = A:BPL0516.PTS Printed on 04-09-1993 at 15:29:58

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4843 uv High Value: 6378 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-12 601/602 1X                      Operator: EM
* Data File Name: A:AMR228.ATB
* Date Taken: 03-22-1993 15:57:48      Original Method:ACOL
* Interface: 8                      Cycle#: 8      Channel#: 0      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.68	9,692.	1.6927	1	713.	4.209	13.6
2	12.93	99,896.	17.4465	1	10,793.	43.380	9.3
3	17.13	2,401.	0.4193	1	272.	1.043	8.8
4	18.12	3,261.	0.5695	1	370.	1.416	8.8
5	21.28	11,171.	1.9510	1	1,220.	4.851	9.2
6	25.72	230,283.	40.2182	2	25,880.	100.000	8.9
7	26.52	48,993.	8.5565	2	4,447.	21.275	11.0
8	29.91	166,887.	29.1463	1	22,944.	72.470	7.3

Total Area: 572,584. Area Reject: 1

```

*****
* Sample Name: T303299-12 601/602 1X Operator: EM *
* Data File Name: A:AMR228.ATB *
* Date Taken: 03-22-1993 15:57:48 Original Method:ACOL *
* Interface: 8 Cycle#: 8 Channel#: 0 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR228.ATB Sample Name: T303299-12 601/602 1X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000

Dilution factor: 1.00000

Internal Standard Amount: 10

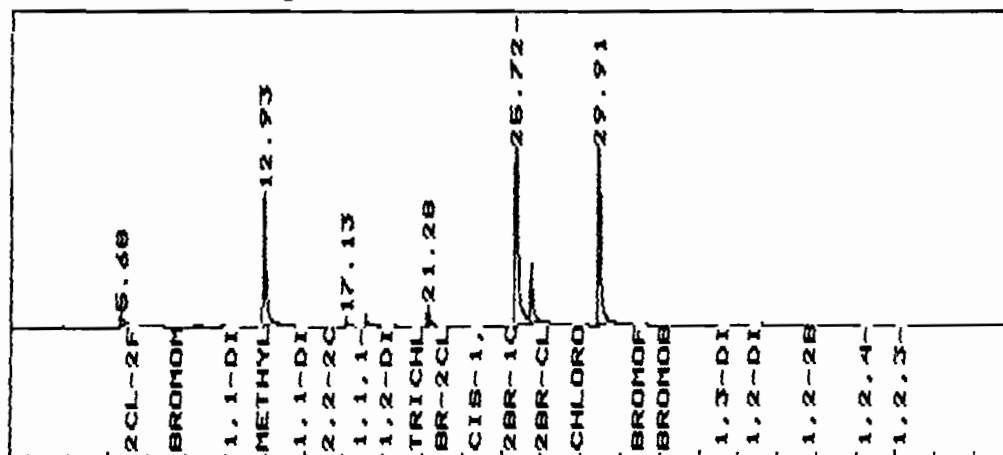
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	12.926	METHYLENE CHLORIDE	1.6257	16.1666%	99,896.	10,793.	9.3	1	NA	NA	.7812	1.6274E-05
3	17.134	CHLOROFORM	~~0.0589~~	0.3873%	2,401.	272.	8.8	1	NA	NA	1.383	1.6221E-05
4	18.120	1,1,1-3CL-ETHANE	~~0.0572~~	0.5687%	3,261.	370.	8.8	1	NA	NA	1.496	1.7538E-05
5	21.276	1,2-2CLPROPANE	~~0.2604~~	2.5899%	11,171.	1,220.	9.2	1	NA	NA	-.2349	2.3313E-05
6	25.718	2BR-1CL-PROPANE	10.0000	0.0000%	230,283.	25,880.	8.9	2	NA	NA	1.116	4.3425E-05
7	26.520	TETRACHLOROETHENE	0.9823	9.7682%	48,993.	4,447.	11.0	2	NA	NA	1.210	2.0049E-05
8	29.910	surrogate	7.0913	70.5194%	166,887.	22,944.	7.3	1	NA	NA	1.015	4.2492E-05

TOTAL AMOUNT = 10.0559

12
4/12/93

Data File = A:AMR228.PTS Printed on 04-09-1993 at 14:17:57
 Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 5054 uv High Value: 30983 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-12 601/602 1X Operator: EM *
* Data File Name: A:BMR228.ATB *
* Date Taken: 03-22-1993 15:57:48 Original Method:BCOL *
* Interface: 8 Cycle#: 8 Channel#: 1 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.59	781.	3.7953	1	168.	6.148	4.7
2	21.26	5,580.	27.1322	1	907.	43.954	6.1
3	24.65	242.	1.1766	1	41.	1.906	6.0
4	25.72	308.	1.4957	1	50.	2.423	6.2
5	26.47	449.	2.1827	1	79.	3.536	5.7
6	29.88	12,695.	61.7280	1	2,412.	100.000	5.3
7	37.22	512.	2.4896	1	62.	4.033	8.2

Total Area: 20,567. Area Reject: 1

```

*****
* Sample Name: T303299-12 601/602 1X                      Operator: EM          *
* Data File Name: A:BMR228.ATB                               *
* Date Taken: 03-22-1993 15:57:48      Original Method:BCOL *
* Interface: 8          Cycle#: 8          Channel#: 1      Vial#: N.A.      *
*****
AMOUNT INJECTED = 1    DILUTION FACTOR = 1    SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR228.ATB Sample Name: T303299-12 601/602 1X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

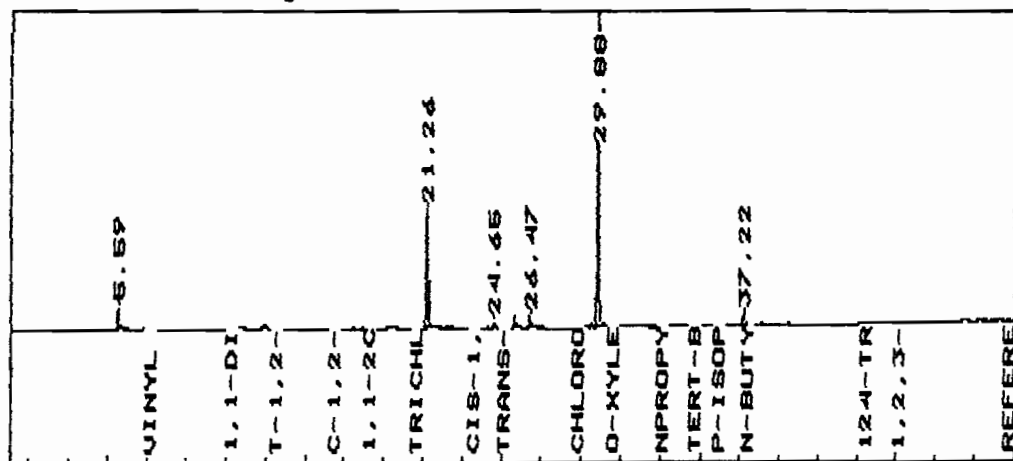
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	21.259	surrogate	9.3443	88.9644%	5,580.	907.	6.1	1	NA	NA	1.192	1.6746E-03
3	24.649	TOLUENE	0.1491	1.4193%	242.	41.	6.0	1	NA	NA	1.165	6.1604E-04
5	26.470	TETRACHLOROETHENE	0.6019	5.7307%	449.	79.	5.7	1	NA	NA	1.148	1.3409E-03
6	29.876	1-CL-2-FL-BENZENE	10.0000	0.0000%	12,695.	2,412.	5.3	1	NA	NA	1.016	7.8769E-04
7	37.224	N-BUTYLBENZENE	0.1081	3.8856%	512.	62.	8.2	1	NA	NA	-0.3129	7.9707E-04

TOTAL AMOUNT = 10.5034

fl
4/12/93

Data File = A:BMR228.PTS Printed on 04-09-1993 at 14:18:29
 Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 4851 uv High Value: 7283 uv Scale factor: 1.0



```

*****
* Sample Name: BLANK                               Operator: EM      *
* Data File Name: A:AMR224.ATB                     *
* Date Taken: 03-22-1993 11:44:08      Original Method:ACOL        *
* Interface: 8           Cycle#: 4           Channel#: 0      Vial#: N.A. *
*****
AMOUNT INJECTED = 1    DILUTION FACTOR = 1    SAMPLE AMOUNT = 1
SAMPLE WEIGHT   = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	12.94	63,290.	16.1643	1	5,507.	35.491	11.5
2	21.26	10,950.	2.7966	1	1,243.	6.140	8.8
3	25.70	178,327.	45.5446	1	19,115.	100.000	9.3
4	29.89	138,976.	35.4945	1	19,154.	77.934	7.3
Total Area:		391,544.	Area Reject:		1		

```

*****
* Sample Name: BLANK                               Operator: EM
* Data File Name: A:AMR224.ATB
* Date Taken: 03-22-1993 11:44:08      Original Method:ACOL
* Interface: 8                      Cycle#: 4      Channel#: 0      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR224.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
1	12.943	METHYLENE CHLORIDE	1.3301	14.3239%	63,290.	5,507.	11.5	1	NA	NA	.9114	2.1015E-05
2	21.259	1,2-DICHLOROPANE	~~0.3296~~	3.5501%	10,950.	1,243.	8.8	1	NA	NA	-.3132	3.0105E-05
3	25.701	2BR-1CL-PROPANE	10.0000	0.0000%	178,327.	19,115.	9.3	1	NA	NA	1.050	5.6077E-05
4	29.893	surrogate	7.6259	82.1260%	138,976.	19,154.	7.3	1	NA	NA	.9588	5.4872E-05

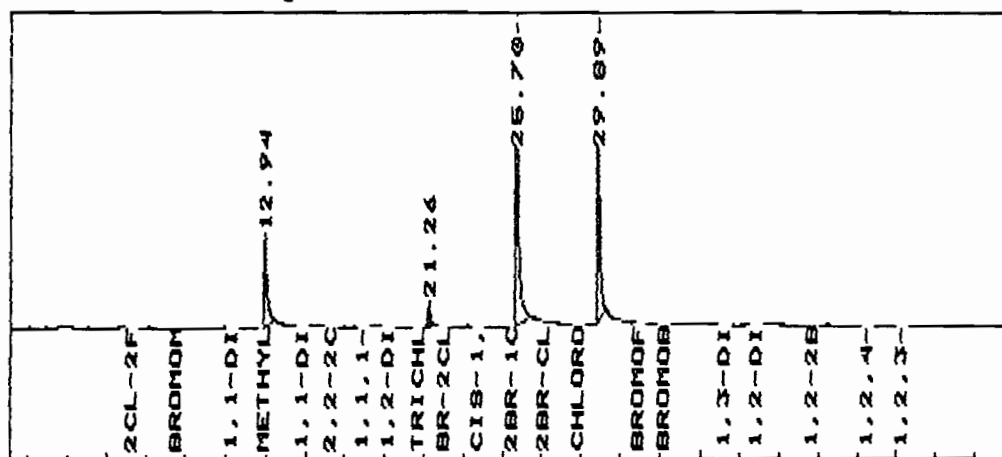
TOTAL AMOUNT = 9.2856

4/12/93

Data File = A:AMR224.PTS Printed on 04-09-1993 at 14:16:54

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5051 uv High Value: 24577 uv Scale factor: 1.0



```

*****
* Sample Name: BLANK                               Operator: EM      *
* Data File Name: A:BMR224.ATB                     *
* Date Taken: 03-22-1993 11:44:08   Original Method:BCOL          *
* Interface: 8           Cycle#: 4           Channel#: 1   Vial#: N.A. *
*****
AMOUNT INJECTED = 1   DILUTION FACTOR = 1   SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	21.24	5,852.	29.4214	1	944.	43.563	6.2
2	24.63	222.	1.1184	1	39.	1.656	5.7
3	25.70	201.	1.0126	1	35.	1.499	5.8
4	29.86	13,433.	67.5382	1	2,530.	100.000	5.3
5	44.64	181.	0.9093	1	31.	1.346	5.9

Total Area: 19,889. Area Reject: 1

```

*****
* Sample Name: BLANK                               Operator: EM
* Data File Name: A:BMR224.ATB
* Date Taken: 03-22-1993 11:44:08      Original Method:BCOL
* Interface: 8          Cycle#: 4          Channel#: 1      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR224.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
1	21.242	surrogate	9.2610	96.6681%	5,852.	944.	6.2	1	NA	NA	1.112	1.5826E-03
2	24.632	TOLUENE	~~0.1295~~	1.3519%	222.	39.	5.7	1	NA	NA	1.096	5.8222E-04
4	29.860	1-CL-2-FL-BENZENE	10.0000	0.0000%	13,433.	2,530.	5.3	1	NA	NA	.9599	7.4445E-04
5	44.639	NAPHTHALENE	~~0.1897~~	1.9801%	181.	31.	5.9	1	NA	NA	.7918	1.0488E-03

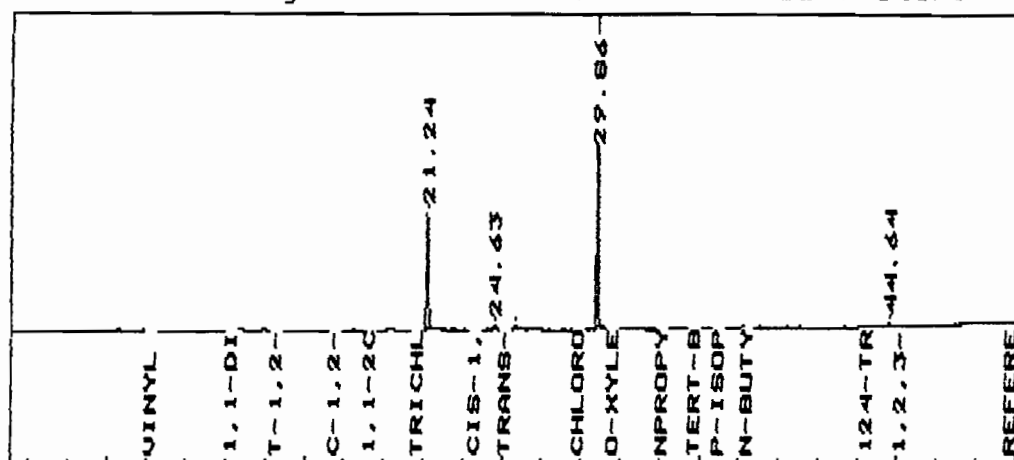
TOTAL AMOUNT = 9.5802

RC
4/12/83

Data File = A:BMR224.PTS Printed on 04-09-1993 at 14:17:26

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4844 uv High Value: 7394 uv Scale factor: 1.0



```

*****
* Sample Name: BLANK                               Operator: EM      *
* Data File Name: A:AMR266.ATB                     *
* Date Taken: 03-26-1993 14:23:09   Original Method:ACOL          *
* Interface: 8           Cycle#: 6           Channel#: 0   Vial#: N.A. *
*****
AMOUNT INJECTED = 1   DILUTION FACTOR = 1   SAMPLE AMOUNT = 1
SAMPLE WEIGHT      = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.95	2,198.	0.6362	1	273.	1.195	8.1
2	6.66	286.	0.0828	1	68.	0.155	4.2
3	13.18	9,832.	2.8450	1	964.	5.342	10.2
4	21.43	4,846.	1.4024	1	609.	2.633	8.0
5	25.87	184,036.	53.2553	1	20,460.	100.000	9.0
6	30.04	144,375.	41.7784	1	18,173.	78.449	7.9

Total Area: 345,574. Area Reject: 1


```

*****
* Sample Name: BLANK                               Operator: EM      *
* Data File Name: A:AMR266.ATB                     *
* Date Taken: 03-26-1993 14:23:09   Original Method:ACOL          *
* Interface: 8           Cycle#: 6           Channel#: 0   Vial#: N.A. *
*****
AMOUNT INJECTED = 1   DILUTION FACTOR = 1   SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR266.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
3	13.176	METHYLENE CHLORIDE	0.1939	2.3285%	9,832.	964.	10.2	1	NA	NA	2.734	1.9721E-05
4	21.426	1,2-DCLPROPANE	0.1163	1.3964%	4,846.	609.	8.0	1	NA	NA	.4698	2.3994E-05
5	25.868	2BR-1CL-PROPANE	10.0000	0.0000%	184,036.	20,460.	9.0	1	NA	NA	1.707	5.4337E-05
6	30.043	surrogate	8.0167	96.2751%	144,375.	18,173.	7.9	1	NA	NA	1.466	5.5527E-05

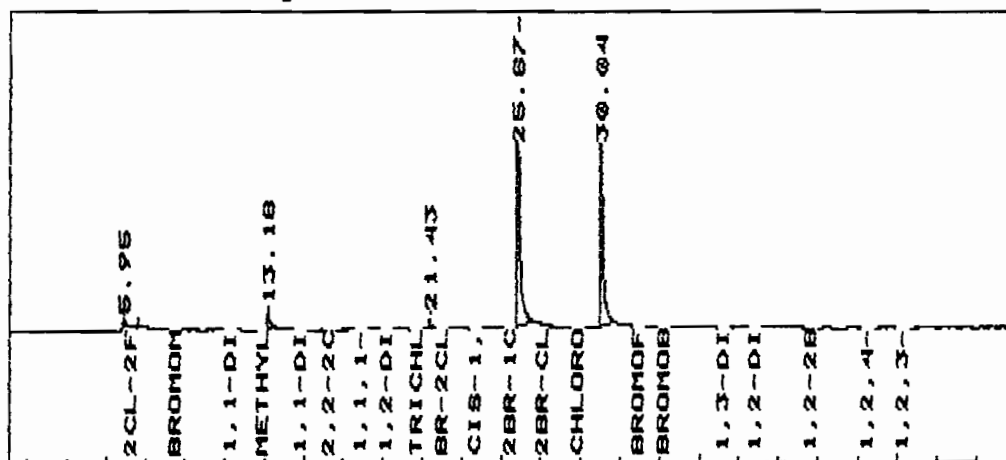
TOTAL AMOUNT = 8.3269

ac
7/12/93

Data File = A:AMR266.PTS Printed on 04-09-1993 at 14:38:16

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5032 uv High Value: 25636 uv Scale factor: 1.0



```

*****
* Sample Name: BLANK                               Operator: EM          *
* Data File Name: A:BMR266.ATB                     *
* Date Taken: 03-26-1993 14:23:09      Original Method:BCOL           *
* Interface: 8                      Cycle#: 6      Channel#: 1      Vial#: N.A. *
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT      = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.83	3,495.	1.7492	1	627.	3.118	5.6
2	7.16	177.	0.0888	1	27.	0.158	6.6
3	11.81	795.	0.3977	1	81.	0.709	9.8
4	16.23	211.	0.1058	1	35.	0.189	6.1
5	16.58	1,320.	0.6605	1	192.	1.177	6.9
6	19.39	510.	0.2552	2	79.	0.455	6.5
7	19.61	666.	0.3333	2	73.	0.594	9.1
8	21.08	342.	0.1710	1	58.	0.305	5.9
9	21.39	52,040.	26.0451	1	8,667.	46.421	6.0
10	24.03	242.	0.1214	1	41.	0.216	5.9
11	24.78	860.	0.4303	1	143.	0.767	6.0
12	25.85	368.	0.1843	1	53.	0.328	7.0
13	26.64	770.	0.3851	1	119.	0.686	6.5
14	29.26	565.	0.2828	1	103.	0.504	5.5
15	29.66	569.	0.2848	1	99.	0.508	5.8
16	30.01	112,105.	56.1067	1	21,466.	100.000	5.2
17	31.25	802.	0.4016	2	112.	0.716	7.2
18	31.58	479.	0.2398	2	57.	0.427	8.4
19	31.91	274.	0.1369	1	29.	0.244	9.5
20	33.15	462.	0.2314	1	70.	0.412	6.6
21	33.58	465.	0.2325	2	66.	0.414	7.1
22	33.88	609.	0.3049	2	73.	0.543	8.3
23	34.03	736.	0.3683	2	115.	0.656	6.4
24	34.22	343.	0.1719	2	52.	0.306	6.6
25	35.32	980.	0.4905	2	120.	0.874	8.1
26	35.50	993.	0.4972	2	169.	0.886	5.9
27	36.02	269.	0.1344	1	53.	0.240	5.0
28	36.61	370.	0.1853	1	68.	0.330	5.5
29	37.01	285.	0.1424	1	61.	0.254	4.7
30	37.32	4,542.	2.2730	1	485.	4.051	9.4
31	37.78	240.	0.1204	1	43.	0.215	5.6
32	38.21	953.	0.4772	1	174.	0.850	5.5
33	39.48	4,591.	2.2978	1	667.	4.095	6.9
34	43.34	2,730.	1.3665	1	198.	2.436	13.8
35	43.89	441.	0.2209	1	76.	0.394	5.8
36	44.37	306.	0.1530	1	50.	0.273	6.1
37	44.77	2,664.	1.3334	1	360.	2.377	7.4
38	45.62	924.	0.4624	1	147.	0.824	6.3
39	46.59	313.	0.1565	1	53.	0.279	5.9

Total Area: 199,807. Area Reject: 1

```

*****
* Sample Name: BLANK                               Operator: EM
* Data File Name: A:BMR266.ATB
* Date Taken: 03-26-1993 14:23:09      Original Method:BCOL
* Interface: 8                               Cycle#: 6       Channel#: 1       Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR266.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	7.164	VINYL CHLORIDE	0.1012	0.8377%	177.	27.	6.6	1	NA	NA	0	5.7072E-04
5	16.583	C-1,2-2CL-ETHENE	0.1662	1.3752%	1,320.	192.	6.9	1	NA	NA	.8121	1.2592E-04
6	19.389	BENZENE	0.0272	0.2255%	510.	79.	6.5	2	NA	NA	1.931	5.3440E-05
8	21.075	TRICHLOROETHENE	0.0339	0.2802%	342.	58.	5.9	1	NA	NA	1.856	9.9092E-05
9	21.393	surrogate	10.7810	89.2261%	52,040.	8,667.	6.0	1	NA	NA	1.828	2.0717E-04
10	24.031	CIS-1,3-2CLPROPENE	0.0594	0.4917%	242.	41.	5.9	1	NA	NA	1.840	2.4502E-04
11	24.783	TOLUENE	0.0461	0.3812%	860.	143.	6.0	1	NA	NA	1.713	5.3569E-05
13	26.636	TETRACHLOROETHENE	0.0902	0.7465%	770.	119.	6.5	1	NA	NA	1.786	1.1721E-04
14	29.258	CHLOROBENZENE	0.0296	0.2448%	565.	103.	5.5	1	NA	NA	1.624	5.2348E-05
15	29.659	M,P-XYLENE	0.0279	0.2306%	569.	99.	5.8	1	NA	NA	1.485	4.8947E-05
16	30.010	1-CL-2-FL-BENZENE	10.0000	0.0000%	112,105.	21,466.	5.2	1	NA	NA	1.468	8.9202E-05
17	31.246	STYRENE	0.0379	0.3139%	802.	112.	7.2	2	NA	NA	1.574	4.7263E-05
19	31.914	ISOPROPYLBENZENE	0.0206	0.1703%	274.	29.	9.5	1	NA	NA	.4731	7.5226E-05
21	33.584	NPROPYL;BROMOBENZE	0.0254	0.2098%	465.	66.	7.1	2	NA	NA	1.412	5.4573E-05
23	34.035	135-TMB;2CLTOLUENE	0.0333	0.2938%	736.	115.	6.4	2	NA	NA	1.342	4.8243E-05
24	34.218	4-CHLOROTOLUENE	0.0175	0.1447%	343.	52.	6.6	2	NA	NA	1.385	5.0892E-05
25	35.320	124-3METHYL-BENZEN	0.0517	0.4279%	980.	120.	8.1	2	NA	NA	1.293	5.2750E-05
27	36.022	SEC-BUTYLBENZENE	0.0205	0.1699%	269.	53.	5.0	1	NA	NA	1.601	7.6440E-05
28	36.606	1,3-2CL-BENZENE	0.0211	0.1750%	370.	68.	5.5	1	NA	NA	1.247	5.7103E-05
29	37.007	1,4-2CL-BENZENE	0.0168	0.1390%	285.	61.	4.7	1	NA	NA	1.233	5.9027E-05
31	37.775	N-BUTYLBENZENE	0.0163	0.1351%	240.	43.	5.6	1	NA	NA	1.162	6.7886E-05
32	38.210	1,2-2CL-BENZENE	0.0665	0.5504%	953.	174.	5.5	1	NA	NA	1.194	6.9750E-05
35	43.888	124-TRICHLOROBENZE	0.0451	0.3729%	441.	76.	5.8	1	NA	NA	1.076	1.0207E-04
36	44.372	6CL-BUTADIENE	0.0374	0.3094%	306.	50.	6.1	1	NA	NA	1.026	1.2232E-04
37	44.773	NAPHTHALENE	0.2176	1.8009%	2,664.	360.	7.4	1	NA	NA	1.093	8.1670E-05
38	45.624	1,2,3-3CL-BENZENE	0.0903	0.7476%	924.	147.	6.3	1	NA	NA	1.035	9.7775E-05

TOTAL AMOUNT = 12.0827

RL
9/12/93

Data File = A:BMR266.PTS Printed on 04-09-1993 at 14:38:48
 Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 4835 uv High Value: 26350 uv Scale factor: 1.0

VINYL	6.83
	7.16
1,1-DI	11.81
T-1,2	
C-1,2	14.23
1,1-2C	19.39
TRICHL	21.88
CIS-1,2	24.83
TRANS	25.85
CHLORO	29.24
O-XYLE	30.81
	31.25
NPROPY	33.15
TERT-B	35.32
P-ISOP	36.41
N-BUTY	37.78
	39.48
124-TR	43.34
1,2,3	44.77
	46.59
REFERE	

```

*****
* Sample Name: BLANK                               Operator: EM
* Data File Name: A:AMR315.ATB
* Date Taken: 03-30-1993 15:08:30      Original Method:ACDL
* Interface: 8          Cycle#: 5          Channel#: 0      Vial#: N.A.
*****
AMOUNT INJECTED = 1    DILUTION FACTOR = 1    SAMPLE AMOUNT = 1
SAMPLE WEIGHT   = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.51	6,141.	1.4912	1	679.	3.253	9.0
2	6.80	1,850.	0.4491	1	233.	0.980	7.9
3	9.35	768.	0.1864	1	76.	0.407	10.1
4	10.60	10,341.	2.5109	1	912.	5.478	11.3
5	12.68	24,779.	6.0170	1	2,448.	13.127	10.1
6	16.82	1,128.	0.2740	1	179.	0.598	6.3
7	17.79	1,956.	0.4749	1	274.	1.036	7.1
8	20.99	12,286.	2.9832	1	1,435.	6.508	8.6
9	25.38	188,769.	45.8376	2	20,899.	100.000	9.0
10	26.20	15,556.	3.7773	2	1,480.	8.241	10.5
11	29.59	148,249.	35.9983	1	19,475.	78.534	7.6

Total Area: 411,822. Area Reject: 1

```

*****
* Sample Name: BLANK                               Operator: EM
* Data File Name: A:AMR315.ATB
* Date Taken: 03-30-1993 15:08:30      Original Method:ACOL
* Interface: 8                               Cycle#: 5      Channel#: 0      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR315.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

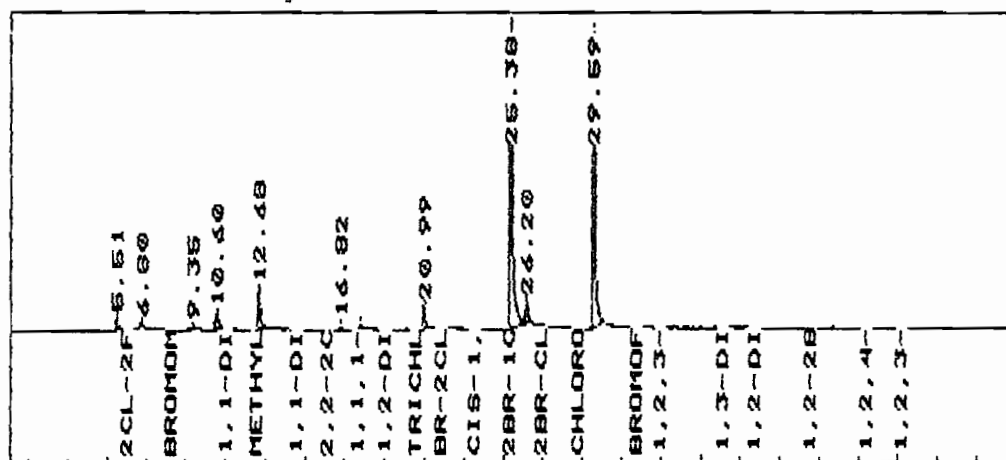
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	6.797	CHLOROMETHANE	~~0.2472~~	2.7151%	1,850.	233.	7.9	1	NA	NA	-3.325	1.3364E-04
3	9.352	3-CL-FL-METHANE	~~0.0174~~	0.1916%	768.	76.	10.1	1	NA	NA	-1.408	2.2728E-05
5	12.675	METHYLENE CHLORIDE	~~0.3361~~	3.6922%	24,779.	2,448.	10.1	1	NA	NA	-1.171	1.3566E-05
6	16.817	CHLOROFORM	~~0.0173~~	0.1921%	1,128.	179.	6.3	1	NA	NA	-4.940	1.5500E-05
7	17.785	1,1,1-3CL-ETHANE	~~0.0365~~	0.4005%	1,956.	274.	7.1	1	NA	NA	-3.741	1.8640E-05
8	20.992	1,2-2CLPROPANE	~~0.2881~~	3.1430%	12,286.	1,435.	8.6	1	NA	NA	-1.566	2.3291E-05
9	25.384	2BR-1CL-PROPANE	10.0000	0.0000%	188,769.	20,899.	9.0	2	NA	NA	-1.969	5.2975E-05
10	26.202	TETRACHLOROETHENE	~~0.3283~~	3.6056%	15,556.	1,480.	10.5	2	NA	NA	0	2.1102E-05
11	29.592	surrogate	7.8351	86.0601%	148,249.	19,475.	7.6	1	NA	NA	0	5.2851E-05

TOTAL AMOUNT = 9.1043

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4/12/93

Data File = A:AMR315.PTS Printed on 04-12-1993 at 09:29:27
 Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
 Low Value: 5084 uv High Value: 26103 uv Scale factor: 1.0




```

*****
* Sample Name: BLANK                               Operator: EM      *
* Data File Name: A:BMR315.ATB                     *
* Date Taken: 03-30-1993 15:08:30   Original Method:BCOL          *
* Interface: 8           Cycle#: 5           Channel#: 1   Vial#: N.A. *
*****
AMOUNT INJECTED = 1   DILUTION FACTOR = 1   SAMPLE AMOUNT = 1
SAMPLE WEIGHT   = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.48	242.	1.2366	1	40.	1.925	6.0
2	20.96	5,604.	28.6395	1	883.	44.584	6.3
3	25.38	271.	1.3826	1	43.	2.152	6.4
4	29.56	12,570.	64.2378	1	2,270.	100.000	5.5
5	36.92	881.	4.5036	1	100.	7.011	8.9

Total Area: 19,568. Area Reject: 1

 * Sample Name: BLANK Operator: EM *
 * Data File Name: A:BMR315.ATB *
 * Date Taken: 03-30-1993 15:08:30 Original Method:BCOL *
 * Interface: 8 Cycle#: 5 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR315.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

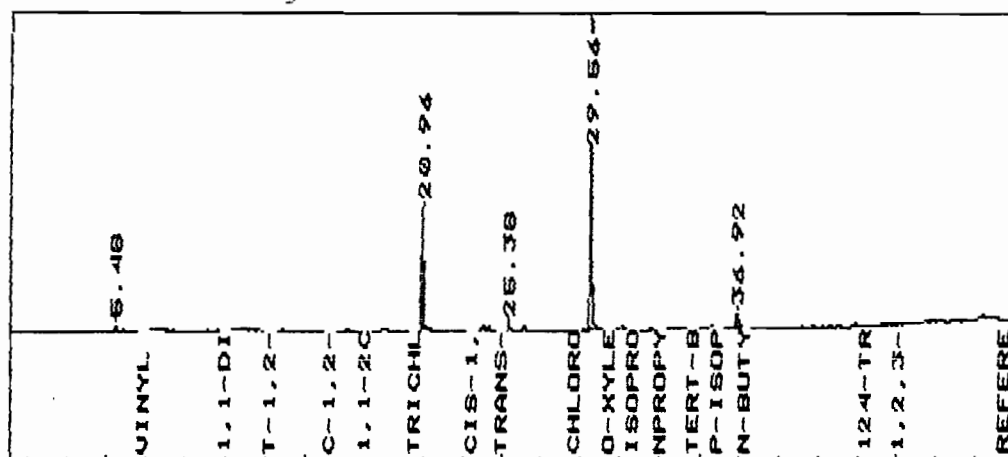
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT	BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	20.958	surrogate	9.6136	89.8407%	5,604.	883.	6.3	1	NA	NA	-.2384	1.7154E-03
3	25.384	TRANS-1,3-2CLPROPE	0.5562	5.1980%	271.	43.	6.4	1	NA	NA	.9966	2.0560E-03
4	29.559	1-CL-2-FL-BENZENE	10.0000	0.0000%	12,570.	2,270.	5.5	1	NA	NA	0	7.9554E-04
5	36.924	1,4-2CL-BENZENE	0.5309	4.9613%	881.	100.	8.9	1	NA	NA	1.005	6.0243E-04

TOTAL AMOUNT = 10.7008

26
9/2/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
Low Value: 4871 uv High Value: 7156 uv Scale factor: 1.0



```

*****
* Sample Name: BLANK                               Operator: EM
* Data File Name: A:APL054.ATB
* Date Taken: 04-05-1993 13:15:38   Original Method:ACOL
* Interface: 8           Cycle#: 4           Channel#: 0   Vial#: N.A.
*****
AMOUNT INJECTED = 1   DILUTION FACTOR = 1   SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	5.66	3,374.	0.8275	1	407.	2.064	8.3
2	10.75	47,680.	11.6948	1	3,635.	29.169	13.1
3	12.84	34,988.	8.5818	1	2,951.	21.405	11.9
4	17.97	1,648.	0.4043	1	252.	1.008	6.5
5	21.06	5,250.	1.2878	1	661.	3.212	7.9
6	25.48	163,461.	40.0932	1	17,960.	100.000	9.1
7	26.65	761.	0.1865	1	95.	0.465	8.0
8	29.68	150,541.	36.9240	1	16,981.	92.095	8.9

Total Area: 407,703. Area Reject: 1

```

*****
* Sample Name: BLANK                               Operator: EM
* Data File Name: A:APLO54.ATB
* Date Taken: 04-05-1993 13:15:38   Original Method:ACOL
* Interface: 8                               Cycle#: 4   Channel#: 0   Vial#: N.A.
*****
AMOUNT INJECTED = 1   DILUTION FACTOR = 1   SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:APLO54.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
3	12.842	METHYLENE CHLORIDE	0.9188	8.9578%	34,988.	2,951.	11.9	1	NA	NA	.1302	2.6260E-05
4	17.969	1,1,1-3CL-ETHANE	~~0.0382~~	0.3725%	1,648.	252.	6.5	1	NA	NA	.6548	2.3182E-05
5	21.059	TRICHLOROETHENE	~~0.1364~~	1.3302%	5,250.	661.	7.9	1	NA	NA	1.693	2.5985E-05
6	25.484	2BR-1CL-PROPANE	10.0000	0.0000%	163,461.	17,960.	9.1	1	NA	NA	.1969	6.1177E-05
7	26.653	1,3-2CL-PROPANE	~~0.0174~~	0.1698%	761.	95.	8.0	1	NA	NA	1.204	2.2904E-05
8	29.676	surrogate	9.1461	89.1697%	150,541.	16,981.	8.9	1	NA	NA	.2256	6.0755E-05

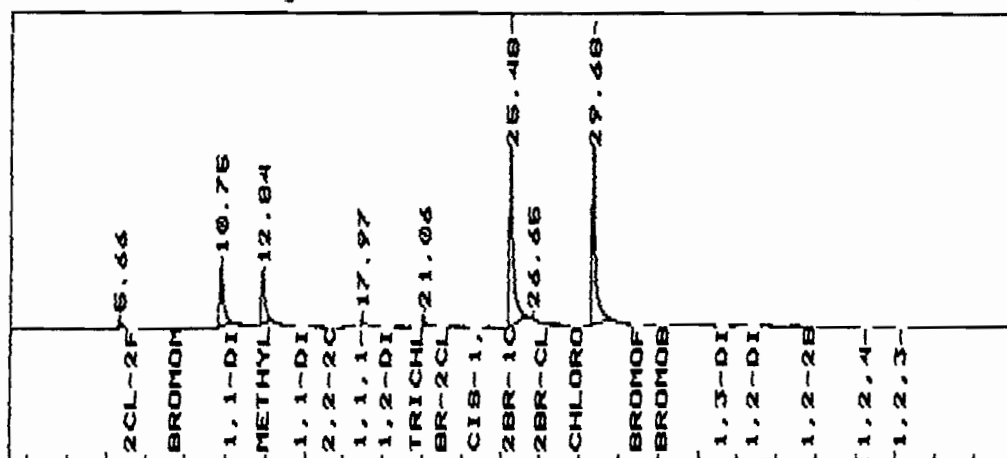
TOTAL AMOUNT = 10.2569

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4/4/93

Data File = A:APL054.PTS Printed on 04-09-1993 at 15:25:46

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5022 uv High Value: 23110 uv Scale factor: 1.0



```

*****
* Sample Name: BLANK                               Operator: EM      *
* Data File Name: A:BPL054.ATB                     *
* Date Taken: 04-05-1993 13:15:38   Original Method:BCOL          *
* Interface: 8           Cycle#: 4           Channel#: 1   Vial#: N.A. *
*****
AMOUNT INJECTED = 1   DILUTION FACTOR = 1   SAMPLE AMOUNT = 1
SAMPLE WEIGHT   = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	21.04	3,297.	30.1461	1	539.	44.235	6.1
2	25.48	186.	1.7043	1	35.	2.501	5.4
3	29.63	7,452.	68.1495	1	1,389.	100.000	5.4

Total Area: 10,935. Area Reject: 1

```

*****
* Sample Name: BLANK                               Operator: EM
* Data File Name: A:BPL054.ATB
* Date Taken: 04-05-1993 13:15:38      Original Method:BCOL
* Interface: 8          Cycle#: 4          Channel#: 1      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BPL054.ATB Sample Name: BLANK

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000

Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	REF BL	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
1	21.042	surrogate	10.2932	94.0893%	3,297.	539. 6.1	1	NA	NA	.1589 3.1224E-03
2	25.484	TRANS-1,3-2CLPROPE	~~0.6466~~	5.9107%	186.	35. 5.4	1	NA	NA	1.395 3.4695E-03
3	29.626	1-CL-2-FL-BENZENE	10.0000	0.0000%	7,452.	1,389. 5.4	1	NA	NA	.1693 1.3419E-03

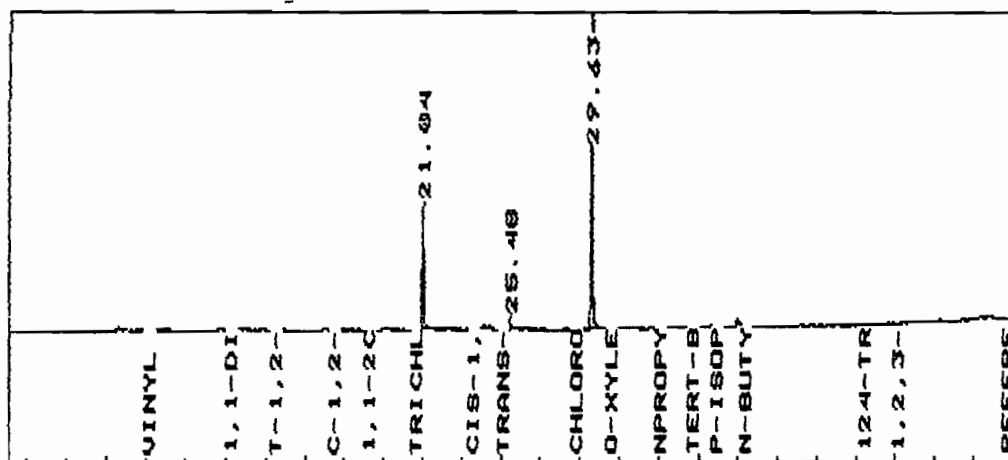
TOTAL AMOUNT = 10.9398

u
4/12/95

Data File = A:BPL054.PTS Printed on 04-09-1993 at 15:26:19

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4849 uv High Value: 6251 uv Scale factor: 1.0



```

*****
* Sample Name: T303299-08 601/602 SOIL 50000X Operator: EM
* Data File Name: A:AMR3118.ATB
* Date Taken: 03-31-1993 05:07:41 Original Method:ACOL
* Interface: 8 Cycle#: 18 Channel#: 0 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	6.10	12,730.	2.3497	1	1,840.	6.302	6.9
2	7.28	6,747.	1.2453	2	720.	3.340	9.4
3	7.50	3,024.	0.5582	2	407.	1.497	7.4
4	9.00	3,163.	0.5839	1	401.	1.566	7.9
5	9.67	2,116.	0.3905	1	191.	1.047	11.1
6	10.89	8,469.	1.5632	2	715.	4.193	11.8
7	11.37	4,139.	0.7640	2	438.	2.049	9.5
8	12.86	27,688.	5.1105	1	3,188.	13.707	8.7
9	13.53	6,003.	1.1080	1	902.	2.972	6.7
10	14.80	4,037.	0.7450	1	514.	1.998	7.9
11	16.28	756.	0.1396	2	104.	0.374	7.3
12	16.43	4,782.	0.8826	2	615.	2.367	7.8
13	16.85	11,597.	2.1405	2	1,455.	5.741	8.0
14	17.30	1,833.	0.3383	2	198.	0.907	9.3
15	17.80	13,061.	2.4107	2	1,378.	6.466	9.5
16	18.24	4,747.	0.8762	2	560.	2.350	8.5
17	18.40	8,754.	1.6158	2	809.	4.334	10.8
18	19.12	3,362.	0.6206	1	478.	1.664	7.0
19	20.66	7,534.	1.3907	2	940.	3.730	8.0
20	20.94	7,455.	1.3760	2	754.	3.690	9.9
21	21.24	4,301.	0.7939	2	519.	2.129	8.3
22	21.93	1,638.	0.3024	1	328.	0.811	5.0
23	23.58	1,933.	0.3568	1	301.	0.957	6.4
24	25.12	697.	0.1287	1	142.	0.345	4.9
25	25.35	202,001.	37.2840	1	23,208.	100.000	8.7
26	26.14	13,388.	2.4710	1	2,303.	6.628	5.8
27	26.95	1,281.	0.2364	1	175.	0.634	7.3
28	28.79	1,554.	0.2868	2	244.	0.769	6.4
29	28.97	7,805.	1.4405	2	897.	3.864	8.7
30	29.54	147,916.	27.3015	1	18,957.	73.226	7.8
31	32.56	717.	0.1323	1	101.	0.355	7.1
32	33.02	273.	0.0503	1	53.	0.135	5.1
33	33.58	883.	0.1629	2	146.	0.437	6.1
34	33.77	695.	0.1284	2	131.	0.344	5.3
35	36.17	1,003.	0.1851	1	170.	0.497	5.9
36	36.57	1,497.	0.2763	1	230.	0.741	6.5
37	37.74	2,773.	0.5118	1	366.	1.373	7.6
38	43.45	1,043.	0.1925	1	183.	0.516	5.7
39	43.90	6,065.	1.1194	1	811.	3.002	7.5
40	45.16	2,329.	0.4298	1	334.	1.153	7.0

Total Area: 541,789. Area Reject: 1

 * Sample Name: T303299-08 601/602 SOIL 50000X Operator: EM
 * Data File Name: A:AMR3118.ATB
 * Date Taken: 03-31-1993 05:07:41 Original Method:ACOL
 * Interface: 8 Cycle#: 18 Channel#: 0 Vial#: N.A.

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR3118.ATB Sample Name: T303299-08 601/602 SOIL 50000X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	HEIGHT	HEIGHT BL	REF PEAK	INT. STD PEAK	% DELTA RET TIME	CONC/AREA
1	6.096	2CL-2FL-METHANE	4.4173	30.5336%	12,730.	1,840.	6.9	1	NA	1.671	3.4699E-04
8	12.859	METHYLENE CHLORIDE	0.3510	2.4262%	27,688.	3,188.	8.7	1	NA	2.529	1.2677E-05
9	13.527	T-1,2-2CL-ETHENE	0.1252	0.8654%	6,003.	902.	6.7	1	NA	2.143	2.0856E-05
10	14.796	1,1-DICHLOROETHANE	0.0934	0.6457%	4,037.	514.	7.9	1	NA	1.839	2.3142E-05
12	16.433	C-1,2-2CL-ETHENE	0.0865	0.5980%	4,782.	615.	7.8	2	NA	1.130	1.8094E-05
13	16.850	CHLOROFORM	0.1680	1.1611%	11,597.	1,455.	8.0	2	NA	1.102	1.4485E-05
14	17.301	BROMOCHLOROMETHANE	0.0622	0.4302%	1,833.	198.	9.3	2	NA	1.8763	3.3957E-05
15	17.802	1,1,1-3CL-ETHANE	0.2275	1.5726%	13,061.	1,378.	9.5	2	NA	1.042	1.7419E-05
16	18.236	1,1-2CL-PROPENE	0.1281	0.8856%	4,747.	560.	8.5	2	NA	1.9242	2.6989E-05
17	18.403	CARBON 4CHLORIDE	0.1133	0.7833%	8,754.	809.	10.8	2	NA	1.8234	1.2944E-05
18	19.122	1,2-DICHLOROETHANE	0.0685	0.4738%	3,362.	478.	7.0	1	NA	1.7922	2.0387E-05
19	20.658	TRICHLOROETHENE	0.1359	0.9397%	7,534.	940.	8.0	2	NA	1.6509	1.8043E-05
21	21.242	1,2-2CLPROPANE	0.0936	0.6471%	4,301.	519.	8.3	2	NA	1.5533	2.1766E-05
22	21.927	BR-2CL-METHANE	0.0470	0.3251%	1,638.	328.	5.0	1	NA	1.4590	2.8709E-05
23	23.580	CIS-1,3-2CLPROPENE	0.0441	0.3050%	1,933.	301.	6.4	1	NA	1.4982	2.2824E-05
25	25.351	2BR-1CL-PROPANE	10.0000	0.0000%	202,001.	23,208.	8.7	1	NA	1.3304	4.9505E-05
26	26.136	TETRACHLOROETHENE	0.2640	1.8249%	13,388.	2,303.	5.8	1	NA	1.2562	1.9720E-05
27	26.954	2BR-CL-METHANE	0.0430	0.3112%	1,281.	175.	7.3	1	NA	1.2484	3.5147E-05
28	28.791	CHLOROBENZENE	0.1053	0.7282%	1,554.	244.	6.4	2	NA	1.2908	6.7808E-05
29	28.974	1112-4CLETHANE	0.1105	0.7637%	7,805.	897.	8.7	2	NA	1.2310	1.4156E-05
30	29.542	surrogate	7.3055	50.4979%	147,916.	18,957.	7.8	1	NA	1.1698	4.9389E-05
31	32.565	1,1,2,2-4CL-ETHANE	0.0181	0.1254%	717.	101.	7.1	1	NA	1.3086	2.5303E-05
32	33.016	1,2,3-3CL-PROPANE	0.0100	0.0689%	273.	53.	5.1	1	NA	1.3044	3.6588E-05
33	33.584	2-CHLOROTOLUENE	0.0482	0.3329%	883.	146.	6.1	2	NA	1.2492	5.4556E-05
34	33.767	4-CHLOROTOLUENE	0.0217	0.1501%	695.	131.	5.3	2	NA	1.2478	3.1220E-05
35	36.172	1,3-DICHLOROBENZEN	0.0357	0.2470%	1,003.	170.	5.9	1	NA	1.2313	3.5620E-05
36	36.573	1,4-DICHLOROBENZEN	0.0415	0.2866%	1,497.	230.	6.5	1	NA	1.2288	2.7702E-05
37	37.742	1,2-DICHLOROBENZEN	0.0848	0.5864%	2,773.	366.	7.6	1	NA	1.1773	3.0592E-05
38	43.453	1,2,4-3CL-BENZENE	0.0349	0.2410%	1,043.	183.	5.7	1	NA	1.1925	3.3432E-05
39	43.904	6CL-BUTADIENE	0.1136	0.7855%	6,065.	811.	7.5	1	NA	0	1.8737E-05
40	45.157	1,2,3-3CL-BENZENE	0.0662	0.4578%	2,329.	334.	7.0	1	NA	1.1481	2.8443E-05

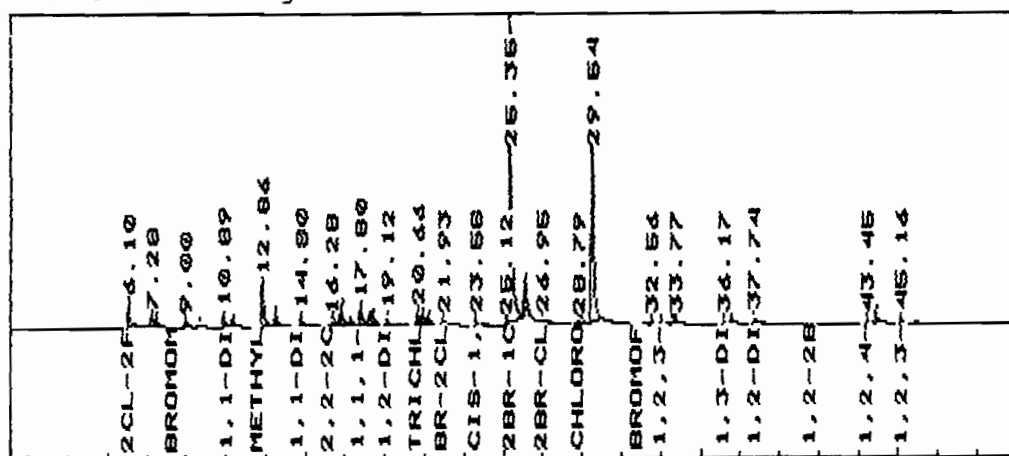
TOTAL AMOUNT = 14.4669

LC
4/12/93

Data File = A:AMR3118.PTS Printed on 04-12-1993 at 09:48:01

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5064 uv High Value: 28515 uv Scale factor: 1.0



 * Sample Name: T303299-08 601/602 SOIL 50000X Operator: EM
 * Data File Name: A:BMR3118.ATB
 * Date Taken: 03-31-1993 05:07:41 Original Method:BCOL
 * Interface: 8 Cycle#: 18 Channel#: 1 Vial#: N.A.

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	6.08	759.	3.3952	1	216.	7.353	3.5
2	13.49	266.	1.1886	1	52.	2.574	5.2
3	18.94	360.	1.6102	1	61.	3.487	5.9
4	20.93	4,610.	20.6361	1	761.	44.689	6.1
5	24.28	449.	2.0093	1	79.	4.351	5.6
6	25.35	236.	1.0562	1	42.	2.287	5.7
7	26.10	333.	1.4891	1	56.	3.225	6.0
8	28.72	314.	1.4038	2	57.	3.040	5.5
9	28.92	301.	1.3455	2	51.	2.914	5.9
10	29.14	729.	3.2621	2	127.	7.064	5.7
11	29.49	10,316.	46.1767	1	1,957.	100.000	5.3
12	30.51	235.	1.0534	2	46.	2.281	5.1
13	30.71	216.	0.9672	2	39.	2.095	5.5
14	33.05	482.	2.1573	1	58.	4.672	8.3
15	33.52	616.	2.7592	2	106.	5.975	5.8
16	33.70	222.	0.9928	2	40.	2.150	5.6
17	34.80	532.	2.3794	1	59.	5.153	9.0
18	35.89	222.	0.9957	1	41.	2.156	5.4
19	36.87	724.	3.2428	1	87.	7.022	8.3
20	37.27	222.	0.9957	1	39.	2.156	5.7
21	44.24	197.	0.8836	1	35.	1.913	5.6

Total Area: 22,340. Area Reject: 1

 * Sample Name: T303299-08 601/602 SOIL 50000X Operator: EM *
 * Data File Name: A:BMR3118.ATB *
 * Date Taken: 03-31-1993 05:07:41 Original Method:BCDL *
 * Interface: 8 Cycle#: 18 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3118.ATB Sample Name: T303299-08 601/602 SOIL 50000X
 Area reject: 1 Sample Amount: 1
 Amount injected: 1.00000 Dilution factor: 1.00000
 Internal Standard Amount: 10
 Sample Weight = 1

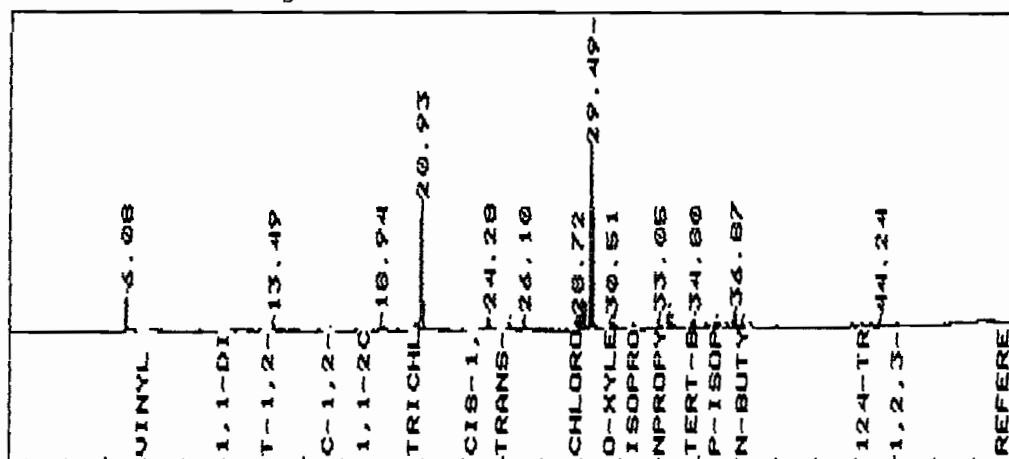
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	13.494	T-1,2-DICHLORDETHE	0.2494	1.6875%	266.	52.	5.2	1	NA	NA	2.149	9.3924E-04
3	18.938	BENZENE	0.2407	1.6287%	360.	61.	5.9	1	NA	NA	.7104	6.6911E-04
4	20.925	surrogate	9.6365	65.2056%	4,610.	761.	6.1	1	NA	NA	.4811	2.0903E-03
5	24.282	TOLUENE	0.3047	2.0618%	449.	79.	5.6	1	NA	NA	.3450	6.7877E-04
6	25.351	TRANS-1,3-2CLPROPE	0.5912	4.0001%	236.	42.	5.7	1	NA	NA	1.470	2.5052E-03
7	26.102	TETRACHLOROETHENE	0.4857	3.2862%	333.	56.	6.0	1	NA	NA	.2565	1.4599E-03
8	28.724	CHLOROBENZENE	0.2120	1.4343%	314.	57.	5.5	2	NA	NA	.1747	6.7585E-04
9	28.924	ETHYLBENZENE	0.2183	1.4775%	301.	51.	5.9	2	NA	NA	.1735	7.2637E-04
10	29.142	M,P-XYLENE	0.4442	3.0057%	729.	127.	5.7	2	NA	NA	.1147	6.0952E-04
11	29.492	1-CL-2-FL-BENZENE	10.0000	0.0000%	10,316.	1,957.	5.3	1	NA	NA	.1133	9.6936E-04
12	30.511	O-XYLENE	0.1812	1.2262%	235.	46.	5.1	2	NA	NA	.1644	7.6997E-04
13	30.711	STYRENE	0.1271	0.8603%	216.	39.	5.5	2	NA	NA	.1633	5.8844E-04
14	33.049	NPROPYL;BROMOBENZE	0.3299	2.2321%	482.	58.	8.3	1	NA	NA	.1518	6.8445E-04
16	33.701	135-TMB;2CLTOLUENE	0.1336	0.9040%	222.	40.	5.6	2	NA	NA	.6483	6.0233E-04
17	34.803	TERT-BUTYL BENZENE	0.5268	3.5648%	532.	59.	9.0	1	NA	NA	.4337	9.9110E-04
18	35.888	P-ISOPROPYLTOLUENE	0.2023	1.3691%	222.	41.	5.4	1	NA	NA	0	9.0961E-04
19	36.874	1,4-2CL-BENZENE	0.5318	3.5983%	724.	87.	8.3	1	NA	NA	1.145	7.3405E-04
20	37.274	N-BUTYLBENZENE	0.1896	1.2829%	222.	39.	5.7	1	NA	NA	0	8.5233E-04
21	44.238	NAPHTHALENE	0.1736	1.1749%	197.	35.	5.6	1	NA	NA	.1133	8.7963E-04

TOTAL AMOUNT = 14.7786

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7/12/93

Data File = A:BMR3118.PTS Printed on 04-12-1993 at 09:48:39

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.
Low Value: 4843 uv High Value: 6818 uv Scale factor: 1.0



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*****
* Sample Name: T303299-10 601/602 SOIL 5000X Operator: EM *
* Data File Name: A:AMR3120.ATB *
* Date Taken: 03-31-1993 07:13:30 Original Method:ACOL *
* Interface: 8 Cycle#: 20 Channel#: 0 Vial#: N.A. *
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.44	13,620.	2.4521	1	2,015.	6.757	6.8
2	6.68	2,886.	0.5195	1	349.	1.432	8.3
3	10.49	142,881.	25.7235	1	11,248.	70.881	12.7
4	12.56	20,889.	3.7607	1	2,369.	10.363	8.8
5	16.28	1,482.	0.2668	1	253.	0.735	5.9
6	16.73	1,231.	0.2217	1	202.	0.611	6.1
7	17.72	1,738.	0.3130	1	220.	0.862	7.9
8	20.91	3,983.	0.7171	1	455.	1.976	8.8
9	25.35	201,579.	36.2912	2	22,059.	100.000	9.1
10	26.14	16,870.	3.0372	2	1,805.	8.369	9.3
11	29.54	148,289.	26.6971	1	21,552.	73.564	6.9

Total Area: 555,449. Area Reject: 1


```

*****
* Sample Name: T303299-10 601/602 SOIL 5000X Operator: EM
* Data File Name: A:AMR3120.ATB
* Date Taken: 03-31-1993 07:13:30 Original Method:ACOL
* Interface: 8 Cycle#: 20 Channel#: 0 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:AMR3120.ATB Sample Name: T303299-10 601/602 SOIL 5000X
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
4	12.558	METHYLENE CHLORIDE	~~0.2654~~	3.2821%	20,889.	2,369.	8.8	1	NA	NA	.1331	1.2703E-05
5	16.282	C-1,2-DCL-ETHENE	~~0.0269~~	0.3323%	1,482.	253.	5.9	1	NA	NA	.2055	1.8132E-05
6	16.733	CHLOROFORM	~~0.0179~~	0.2211%	1,231.	202.	6.1	1	NA	NA	.4008	1.4515E-05
7	17.719	1,1,1-3CL-ETHANE	~~0.0303~~	0.3753%	1,738.	220.	7.9	1	NA	NA	.5687	1.7456E-05
8	20.908	TRICHLOROETHENE	~~0.0720~~	0.8907%	3,983.	455.	8.8	1	NA	NA	1.871	1.8080E-05
9	25.351	2BR-1CL-PROPANE	10.0000	0.0000%	201,579.	22,059.	9.1	2	NA	NA	.3304	4.9608E-05
10	26.136	TETRACHLOROETHENE	~~0.3334~~	4.1234%	16,870.	1,805.	9.3	2	NA	NA	.2562	1.9761E-05
11	29.542	surrogate	7.3392	90.7751%	148,289.	21,552.	6.9	1	NA	NA	.1698	4.9493E-05

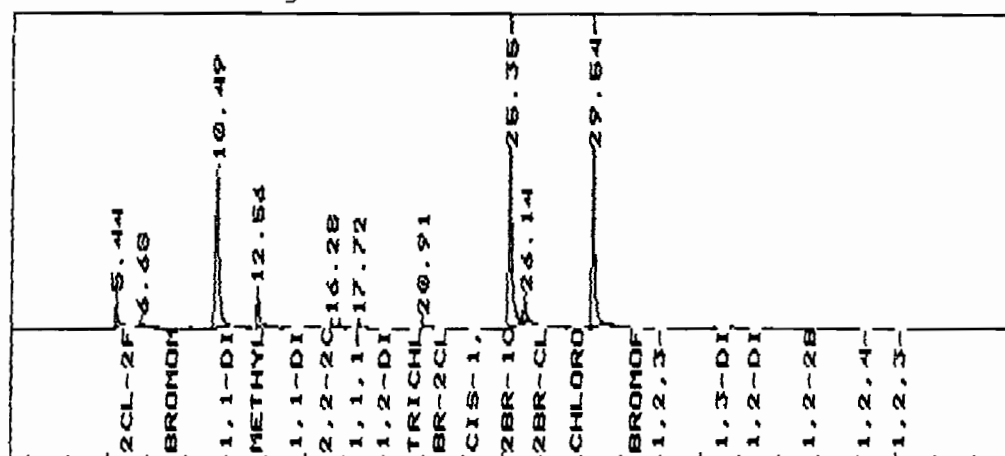
TOTAL AMOUNT = 8.0851

16
4/12/93

Data File = A:AMR3120.PTS Printed on 04-12-1993 at 09:49:16

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5063 uv High Value: 27219 uv Scale factor: 1.0



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*****
* Sample Name: T303299-10 601/602 SOIL 5000X Operator: EM
* Data File Name: A:BMR3120.ATB
* Date Taken: 03-31-1993 07:13:30 Original Method:BCOL
* Interface: 8 Cycle#: 20 Channel#: 1 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.43	1,049.	6.1177	1	290.	10.020	3.6
2	20.88	4,696.	27.3968	1	762.	44.871	6.2
3	24.27	197.	1.1516	1	36.	1.886	5.5
4	25.33	225.	1.3153	1	38.	2.154	5.9
5	26.10	216.	1.2627	1	34.	2.068	6.3
6	29.51	10,465.	61.0575	1	1,994.	100.000	5.2
7	35.54	291.	1.6982	1	52.	2.781	5.6

Total Area: 17,140. Area Reject: 1

```

*****
* Sample Name: T303299-10 601/602 SOIL      5000X      Operator: EM
* Data File Name: A:BMR3120.ATB
* Date Taken: 03-31-1993 07:13:30      Original Method:BCOL
* Interface: 8      Cycle#: 20      Channel#: 1      Vial#: N.A.
*****
AMOUNT INJECTED = 1      DILUTION FACTOR = 1      SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3120.ATB Sample Name: T303299-10 601/602 SOIL 5000X
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

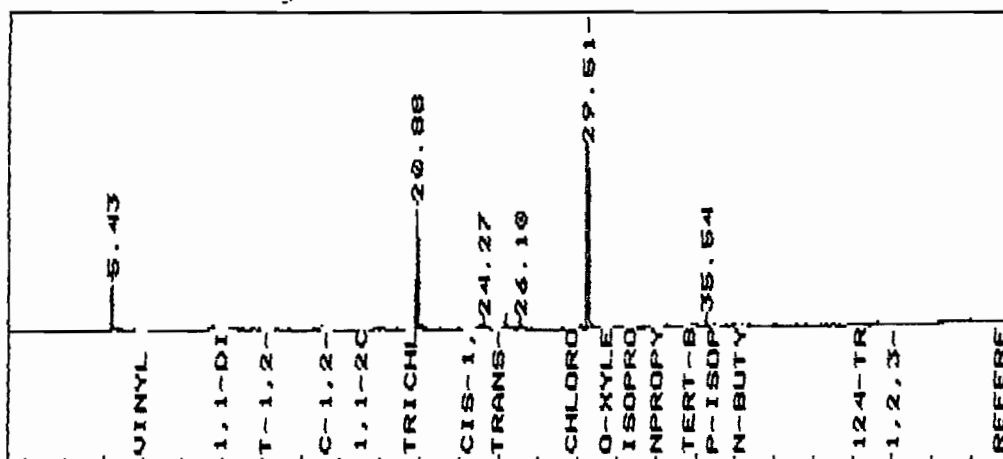
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC%	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA	
2	20.875	surrogate	9.6755	88.2962%	4,696.	762.	6.2	1	NA	NA	.2405	2.0604E-03
3	24.265	TOLUENE	~~0.1321~~	1.2053%	197.	36.	5.5	1	NA	NA	.2760	6.6909E-04
4	25.334	TRANS-1,3-2CLPROPE	~~0.5567~~	5.0807%	225.	38.	5.9	1	NA	NA	1.403	2.4695E-03
5	26.102	TETRACHLOROETHENE	~~0.3115~~	2.8423%	216.	34.	6.3	1	NA	NA	.2565	1.4391E-03
6	29.509	1-CL-2-FL-BENZENE	10.0000	0.0000%	10,465.	1,994.	5.2	1	NA	NA	.1700	9.5553E-04
7	35.538	SEC-BUTYLBENZENE	~~0.2822~~	2.5755%	291.	52.	5.6	1	NA	NA	.5196	9.6958E-04

TOTAL AMOUNT = 10.9580

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4/2/93

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4843 uv High Value: 6854 uv Scale factor: 1.0



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*****
* Sample Name: T303299-11 601/602 SOIL 10000X Operator: EM
* Data File Name: A:AMR3121.ATB
* Date Taken: 03-31-1993 08:17:04 Original Method:ACOL
* Interface: 8 Cycle#: 21 Channel#: 0 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.53	7,924.	1.4110	1	1,190.	3.788	6.7
2	6.78	3,786.	0.6741	1	401.	1.810	9.4
3	10.59	132,581.	23.6085	1	11,128.	63.374	11.9
4	12.66	21,781.	3.8786	1	2,358.	10.412	9.2
5	16.80	680.	0.1211	1	110.	0.325	6.2
6	17.79	2,082.	0.3707	1	253.	0.995	8.2
7	20.94	3,850.	0.6855	1	451.	1.840	8.5
8	25.35	209,203.	37.2526	2	23,606.	100.000	8.9
9	26.15	13,142.	2.3403	2	1,357.	6.282	9.7
10	29.56	166,551.	29.6576	1	21,608.	79.612	7.7

Total Area: 561,579. Area Reject: 1

```

*****
* Sample Name: T303299-11 601/602 SOIL 10000X Operator: EM
* Data File Name: A:AMR3121.ATB
* Date Taken: 03-31-1993 08:17:04 Original Method:ACOL
* Interface: 8 Cycle#: 21 Channel#: 0 Vial#: N.A.
*****
-AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** INTERNAL STANDARD TABLE *****

```

ORIGINAL RECORDED DATA USED FOR THIS TABLE.
Data File Name: A:AMR3121.ATB Sample Name: T303299-11 601/602 SOIL 10000X
Area reject: 1 Sample Amount: 1
Amount injected: 1.00000 Dilution factor: 1.00000
Internal Standard Amount: 10
Sample Weight = 1

```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	6.780	CHLOROMETHANE	~~0.4565~~	5.0565%	3,786.	401.	9.4	1	NA	.9950	1.2058E-04
4	12.659	METHYLENE CHLORIDE	~~0.2666~~	2.9534%	21,781.	2,358.	9.2	1	NA	.9320	1.2241E-05
5	16.800	CHLOROFORM	~~0.0095~~	0.1053%	680.	110.	6.2	1	NA	.8016	1.3986E-05
6	17.785	1,1,1-3CL-ETHANE	~~0.0350~~	0.3878%	2,082.	253.	8.2	1	NA	.9478	1.6820E-05
7	20.942	TRICHLOROETHENE	~~0.0671~~	0.7429%	3,850.	451.	8.5	1	NA	2.034	1.7422E-05
8	25.351	2BR-1CL-PROPANE	10.0000	0.0000%	209,203.	23,606.	8.9	2	NA	.3304	4.7800E-05
9	26.152	TETRACHLOROETHENE	~~0.2502~~	2.7720%	13,142.	1,357.	9.7	2	NA	.3203	1.9041E-05
10	29.559	surrogate	7.9427	87.9820%	166,551.	21,608.	7.7	1	NA	.2265	4.7689E-05

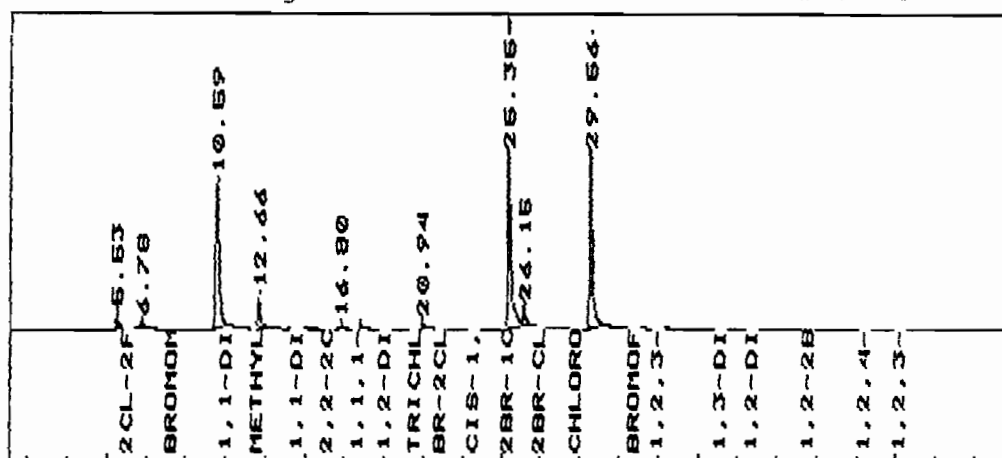
TOTAL AMOUNT = 9.0276

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7/12/93

Data File = A:AMR3121.PTS Printed on 04-12-1993 at 09:50:22

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 5056 uv High Value: 28749 uv Scale factor: 1.0




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*****
* Sample Name: T303299-11 601/602 SOIL 10000X Operator: EM
* Data File Name: A:BMR3121.ATB
* Date Taken: 03-31-1993 08:17:04 Original Method:BCDL
* Interface: 8 Cycle#: 21 Channel#: 1 Vial#: N.A.
*****
AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
SAMPLE WEIGHT = 1

```

***** AREA PERCENT REPORT *****

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/ Height
1	5.51	335.	1.9255	1	88.	3.008	3.8
2	20.93	5,177.	29.7841	1	857.	46.522	6.0
3	25.35	248.	1.4297	1	45.	2.233	5.5
4	29.53	11,128.	64.0216	1	2,089.	100.000	5.3
5	35.92	320.	1.8390	1	58.	2.872	5.5
6	39.03	174.	1.0002	1	28.	1.562	6.2

Total Area: 17,381. Area Reject: 1

 * Sample Name: T303299-11 601/602 SOIL 10000X Operator: EM *
 * Data File Name: A:BMR3121.ATB *
 * Date Taken: 03-31-1993 08:17:04 Original Method:BCOL *
 * Interface: 8 Cycle#: 21 Channel#: 1 Vial#: N.A. *

 AMOUNT INJECTED = 1 DILUTION FACTOR = 1 SAMPLE AMOUNT = 1
 SAMPLE WEIGHT = 1

***** INTERNAL STANDARD TABLE *****

ORIGINAL RECORDED DATA USED FOR THIS TABLE.

Data File Name: A:BMR3121.ATB Sample Name: T303299-11 601/602 SOIL 10000X

Area reject: 1 Sample Amount: 1

Amount injected: 1.00000 Dilution factor: 1.00000

Internal Standard Amount: 10

Sample Weight = 1

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONCZ	AREA	AREA/ HEIGHT	REF HEIGHT	INT.STD BL	REF PEAK	INT.STD PEAK	% DELTA RET TIME	CONC/AREA
2	20.925	surrogate	10.0316	92.2169%	5,177.	857.	6.0	1	NA	NA	.4811	1.9378E-03
3	25.351	TRANS-1,3-2CLPROPE	~~0.5771~~	5.3053%	248.	45.	5.5	1	NA	NA	1.470	2.3225E-03
4	29.526	1-CL-2-FL-BENZENE	10.0000	0.0000%	11,128.	2,089.	5.3	1	NA	NA	.2267	8.9866E-04
5	35.922	P-ISOPROPYLTOLUENE	~~0.2695~~	2.4778%	320.	58.	5.5	1	NA	NA	.1863	8.4326E-04

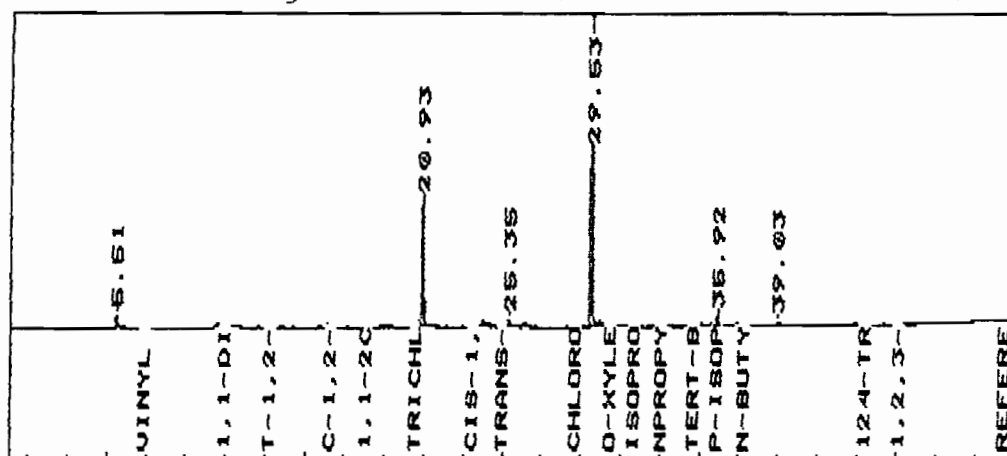
TOTAL AMOUNT = 10.8783

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4/4/93

Data File = A:BMR3121.PTS Printed on 04-12-1993 at 09:50:54

Start time: 0.00 min. Stop time: 51.00 min. Offset: 0 mv.

Low Value: 4843 uv High Value: 6950 uv Scale factor: 1.0



METALS ANALYSIS CONFORMANCE/NONCONFORMANCE SUMMARY

	<u>No</u>	<u>Yes</u>
1. Calibration Summaries Meet Criteria	—	✓
2. ICP Interference Check Sample (ICS) Results Summary ~~Submitted~~ Meets Criteria (If applicable)	—	✓
3. Serial Dilution Summary ~~Submitted~~ Meets Criteria (If applicable)	—	✓
4. Laboratory Control Sample (LCS) Summary ~~Submitted~~ Meets Criteria (If applicable)	—	✓
5. Blank Contamination If yes, list compounds and concentrations in each blank:	✓	—
6. Matrix Spike Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range:	—	✓
<u>As = 59% ; Cr = 55% ; Se = 55%</u>		
7. Sample Duplicate Analyses Meet QC Criteria If not met, list those compounds and their criteria which fall outside the acceptable range:	—	✓
<u>Cr = 30%</u>		
10. Digestion and Analysis Holding Time Met If not met, list compounds and number of days exceeded for each sample:	—	✓

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Laboratory Supervisor: Mark Gillespie / Sm

Date: 4-27-93

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 1

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: LP/A-18'-20'

Date Collected: 03/16/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 4.5%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	1000	U	1000	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	260	U	260	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	7300		2600	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	2300		520	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	1800		1600	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	520	U	520	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 2

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: LP/B-18'-20'

Date Collected: 03/16/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 5.4%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	1100	U	1100	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	260	U	260	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	5000		260	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	340		260	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	26000		530	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	2900		1600	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	530	U	530	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.

Division: New Jersey

LRI Order No: T303299

LRI Sample No: 3

Client: Anson Environmental

Location: Westbury, NY

Project: 92061

Sample Description: STI-3'

Date Collected: 03/16/93

Date Received: 03/18/93

Matrix: Soil

Percent Moisture: 18.2%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	2900		1200	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	310	U	310	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	31000		3100	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	310	U	310	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	27000		610	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	12000		1800	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	310	U	310	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	610	U	610	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 4

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: LP2A-18'-20'

Date Collected: 03/17/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 2.9%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	1000	U	1000	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	260	U	260	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	4700		260	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	18000		510	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	1500	U	1500	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	520	U	520	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 5

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: LP2B-7'

Date Collected: 03/17/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 9.2%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	1100	U	1100	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	280	U	280	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	28000		280	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	6300		280	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	4700000		550	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	9800		1700	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	2400		280	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	550	U	550	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 6

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: LP2B-12'

Date Collected: 03/17/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 42.4%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	2400		1700	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	2300		430	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	210000		430	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	21000		430	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	7500000		870	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	190000		2600	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	23000		430	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	870	U	870	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 7

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: LP2B-18'-20'

Date Collected: 03/17/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 3.3%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	1100		1000	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	260	U	260	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	5600		260	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	40000		520	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	2100		1600	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	520	U	520	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 8

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: LP3 A-18'-20'

Date Collected: 03/17/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 6.8%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	1100	U	1100	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	270	U	270	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	14000		270	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	270	U	270	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	27000		540	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	1600	U	1600	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	270	U	270	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	540	U	540	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.

Division: New Jersey

LRI Order No: T303299

LRI Sample No: 9

Client: Anson Environmental

Location: Westbury, NY

Project: 92061

Sample Description: ST-3-10'-12'

Date Collected: 03/17/93

Date Received: 03/18/93

Matrix: Soil

Percent Moisture: 7.9%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	1100	U	1100	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	270	U	270	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	5000		270	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	270	U	270	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	50000		540	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	4200		1600	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	270	U	270	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	540	U	540	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 10

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: LB3B-18'-20'

Date Collected: 03/17/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 3.4%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	1000	U	1000	µg/kg	04/02/93	BD	04/05/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	260	U	260	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	3600		260	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	14000		520	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	1600	U	1600	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	260	U	260	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	520	U	520	µg/kg	04/02/93	BD	04/05/93	MP	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T303299
 LRI Sample No: 11

Client: Anson Environmental
 Location: Westbury, NY
 Project: 92061
 Sample Description: FD-6

Date Collected: 03/17/93
 Date Received: 03/18/93

Matrix: Soil
 Percent Moisture: 8.9%

Parameter	Result	Qual	QL	Units	Started Date	By	Completed Date	By	Dilution
<u>Arsenic by Furnace by 7060</u>									
Arsenic	2200		1100	µg/kg	04/02/93	BD	04/06/93	MP	
<u>Mercury by Cold Vapor by 7471</u>									
	1200		270	µg/kg	04/15/93	BD	04/15/93	BD	
<u>Metals Analysis by ICP by 6010</u>									
Barium	2500		270	µg/kg	04/02/93	BD	04/09/93	DG	
Cadmium	7100		270	µg/kg	04/02/93	BD	04/09/93	DG	
Chromium	4200		550	µg/kg	04/02/93	BD	04/09/93	DG	
Lead	590000		1600	µg/kg	04/02/93	BD	04/09/93	DG	
Silver	1500		270	µg/kg	04/02/93	BD	04/09/93	DG	
<u>Selenium by Furnace by 7740</u>									
Selenium	550	U	550	µg/kg	04/02/93	BD	04/05/93	MP	

LABORATORY RESOURCES, INC. - TETERBORO 1993

QUALITY CONTROL REPORT FOR WORK ORDER: T3-03-299

PARAMETER	Q	BLANK mg/kg	BLANK SPK % REC	SAMPLE CONC. (*)	SAMPLE DUP CONC. (*)	RPD %	MS TV CONC. (*)	MS CONC. (*)	MS % REC
TRACE METALS									
Aluminum (Al)									
Antimony (Sb)									
Arsenic (As)	N	<0.50		1.3	1.2	9	2.2	2.6	59
Barium (Ba)		<0.25		53	56	6	112	152	88
Beryllium (Be)									
Boron (B)									
Cadmium (Cd)		<0.25		<0.28	<0.28	ND	2.8	2.8	100
Calcium (Ca)									
Chromium (Cr)	* N	<0.50		15	11	30	11	21	55
Chromium Hex									
Cobalt (Co)									
Copper (Cu)									
Iron (Fe)									
Lead (Pb)		<1.5		13	13	0	28	39	93
Magnesium (Mg)									
Manganese (Mn)									
Mercury (Hg)		<0.25		<0.28	<0.28	ND	2.2	2.0	90
Molybdenum (Mo)									
Nickel (Ni)									
Potassium (K)									
Selenium (Se)	N	<0.25		0.38	0.36	6	2.2	1.6	55
Silicon (Si)									
Silver (Ag)		<0.25		<0.28	<0.28	ND	2.8	2.4	86
Sodium (Na)									
Thallium (Tl)									
Tin (Sn)									
Titanium (Ti)									
Vanadium (V)									
Zinc (Zn)									

COMMENTS: The QC is based on a batch system in which a sample is chosen at random for MS and Dup analyses for a given matrix and represents all of the samples included in that batch.

(*) = Results in mg/kg dry weight

MS = Matrix spike

TV = True value

Dup = Duplicate

Q = Qualifier

RPD = RELATIVE PERCENT DEVIATION SHOULD BE <35%

QUALITY CONTROL LIMITS FOR PERCENT RECOVERY ARE (75-125).

LABORATORY SAMPLE IDENTIFICATION: T303512-05

QUALIFIERS-INORGANICS

Q

EXPLANATIONS

- N Matrix spiked sample recovery not within internal control limits due to matrix interference.
- * Duplicate analysis not within internal control limits due to matrix interference.
- E Reported value determined from a serial dilution due to matrix interference.
- W Post digestion sample spike recovery outside internal control limits but sample concentration is less than 50% of spiked sample.
- N/A Matrix spike recovery not applicable since sample concentration is greater than 4 times the amount of spike added.
- MSA Sample results determined from 3 point Method of Standards Additions(MSA).
- ND Analyte not detected, relative percent deviation cannot be calculated.

TABLE OF ABBREVIATIONS

EC	Estimated Count
U	Undetected
Qual	Qualifier
QL	Quantitation Limit