

ETA 11 0000 CENTER  
DATE 11/16/94  
BY [signature]  
PROJECT [signature]  
OTHER [signature]

**MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY  
FOR EAST STREET AREA 2/USEPA AREA 4**

**VOLUME V OF XII**

**GENERAL ELECTRIC COMPANY  
PITTSFIELD, MASSACHUSETTS**

**AUGUST 1994**

**BLASLAND, BOUCK & LEE, INC.  
6723 TOWPATH ROAD  
SYRACUSE, NEW YORK 13214**

SDMS DocID 000213374



**MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY  
FOR EAST STREET AREA 2/USEPA AREA 4**

**TABLE OF CONTENTS**

**VOLUME V OF XII**

**APPENDICES**

Appendix I	MCP Phase II Analytical Data Sheets
Section 1	Volatile Organic Analysis (Soil)
Section 2	Semivolatile Organic Analysis (Soil)



# Appendices



# Appendix I



**APPENDIX I**  
**MCP PHASE II ANALYTICAL DATA SHEETS**



# Section 1

**VOLATILE ORGANICS ANALYSIS (SOIL)**

- P2X010204 - Soil sample from boring X-1 at 2 to 4 feet depth
- P2X040406 - Soil sample from boring X-4 at 4 to 6 feet depth
- P2X050810 - Soil sample from boring X-5 at 8 to 10 feet depth
- P2X060406 - Soil sample from boring X-6 at 4 to 6 feet depth
- P2X070608 - Soil sample from boring X-7 at 6 to 8 feet depth
- P2X080204 - Soil sample from boring X-8 at 2 to 4 feet depth
- P2X090810 - Soil sample from boring X-9 at 8 to 10 feet depth
- P2X100204 - Soil sample from boring X-10 at 2 to 4 feet depth
- P2X110406 - Soil sample from boring X-11 at 4 to 6 feet depth
- P2X120810 - Soil sample from boring X-12 at 8 to 10 feet depth
- P2X130002 - Soil sample from boring X-13 at 0 to 2 feet depth
- P2X140406 - Soil sample from boring X-14 at 4 to 6 feet depth
- P2X150810 - Soil sample from boring X-15 at 8 to 10 feet depth
- P2X160810 - Soil sample from boring X-16 at 8 to 10 feet depth
- P2X170002 - Soil sample from boring X-17 at 0 to 2 feet depth
- P2X181416 - Soil sample from boring X-18 at 14 to 16 feet depth
- P2X190810 - Soil sample from boring X-19 at 8 to 10 feet depth
- P2X201012 - Soil sample from boring X-20 at 10 to 12 feet depth
- P2Y010810 - Soil sample from boring Y-1 at 8 to 10 feet depth
- P2Y020608 - Soil sample from boring Y-2 at 6 to 8 feet depth
- P2Y030810 - Soil sample from boring Y-3 at 8 to 10 feet depth
- P2Y040406 - Soil sample from boring Y-4 at 4 to 6 feet depth
- P2Y050406 - Soil sample from boring Y-5 at 4 to 6 feet depth
- P2Y060406 - Soil sample from boring Y-6 at 4 to 6 feet depth
- P2Y070406 - Soil sample from boring Y-7 at 4 to 6 feet depth
- P2Y080204 - Soil sample from boring Y-8 at 2 to 4 feet depth
- P2Y090406 - Soil sample from boring Y-9 at 4 to 6 feet depth

**VOLATILE ORGANICS ANALYSIS (SOIL)**

(Cont'd)

- P2Y100204 - Soil sample from boring Y-10 at 2 to 4 feet depth
- P2Y110204 - Soil sample from boring Y-11 at 2 to 4 feet depth
- P2Y120204 - Soil sample from boring Y-12 at 2 to 4 feet depth
- P2Y130204 - Soil sample from boring Y-13 at 2 to 4 feet depth
- P2Y140406 - Soil sample from boring Y-14 at 4 to 6 feet depth
- P2Y150204 - Soil sample from boring Y-15 at 2 to 4 feet depth
- P2Y160810 - Soil sample from boring Y-16 at 8 to 10 feet depth
- P2Y170204 - Soil sample from boring Y-17 at 2 to 4 feet depth
- P2Y180204 - Soil sample from boring Y-18 at 2 to 4 feet depth
- P2Y191012 - Soil sample from boring Y-19 at 10 to 12 feet depth
- P2Y200406 - Soil sample from boring Y-20 at 4 to 6 feet depth
- P2Y211214 - Soil sample from boring Y-21 at 12 to 14 feet depth
- P2Y220002 - Soil sample from boring Y-22 at 0 to 2 feet depth
- P2Y230204 - Soil sample from boring Y-23 at 2 to 4 feet depth
- P2Y240810 - Soil sample from boring Y-24 at 8 to 10 feet depth
- P2Y260204 - Soil sample from boring Y-26 at 2 to 4 feet depth
- P2Y270406 - Soil sample from boring Y-27 at 4 to 6 feet depth
- DP-1 (424446) - Soil sample from boring Y-2 at 6 to 8 feet depth (Duplicate)
- DP-1 (425214) - Soil sample from boring RF-4 at 10 to 12 feet depth (Duplicate)
- DP-2 - Soil sample from boring Y-18 at 2 to 4 feet depth (Duplicate)
- P2X-DPA - Soil sample from boring X-8 at 2 to 4 feet depth (Duplicate)
- P2SDP - Surficial soil sample from Location 202S (Duplicate)
- P201S - Surficial soil sample from Location 201S
- P202S - Surficial soil sample from Location 202S
- P203S - Surficial soil sample from Location 203S

VOLATILE ORGANICS ANALYSIS (SOIL)  
(Cont'd)

P204S - Surficial soil sample from Location 204S

P205S - Surficial soil sample from Location 205S

P201B1416 - Soil sample from boring ES2-1 at 14 to 16 feet depth

P202B0608 - Soil sample from boring ES2-2 at 6 to 8 feet depth

P203B1416 - Soil sample from boring ES2-3 at 14 to 16 feet depth

P204B0810 - Soil sample from boring ES2-4 at 8 to 10 feet depth

P205B1820 - Soil sample from boring ES2-5 at 18 to 20 feet depth

P206B1416 - Soil sample from boring ES2-6 at 14 to 16 feet depth.

P206B4244 - Soil sample from boring ES2-6 at 42 to 44 feet depth

P207B0608 - Soil sample from boring ES2-7 at 6 to 8 feet depth

PG02B0002 - Soil sample from boring RF-2 at 0 to 2 feet depth

PG03B0810 - Soil sample from boring RF-3 at 8 to 10 feet depth

PG04B1012 - Soil sample from boring RF-4 at 10 to 12 feet depth

PG04B2022 - Soil sample from boring RF-4 at 20 to 22 feet depth

PG16B0406 - Soil sample from boring RF-16 at 4 to 6 feet depth

DP-V1 - Soil sample from boring RF-16 at 4 to 6 feet depth (Duplicate)

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA 821-R-90-010

P2X010204

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 429963

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR029963C13

Level: (low/med) LOW Date Received: 07/05/91

\* Moisture: not dec. 19 Date Analyzed: 07/11/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	11	BJ
67-64-1	Acetone	10	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	120	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	4	J
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-13-1-----	Acrylonitrile	110	U
75-69-4-----	Trichlorofluoromethane	150	U
107-05-1-----	3-Chloropropene	6	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	19	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----	Dibromomethane	12	U
4170-30-3-----	Crotonaldehyde	120	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	19	U
96-18-4-----	1,2,3-Trichloropropane	19	U
764-71-0-----	trans-1,4-Dichloro-2-butene	19	U
96-18-4-----	Ethylmethacrylate	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

129963

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X040406

Lab Name: COMPUCHEM RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428538  
 Sample wt/vol: 4.0 (g/mL) G Lab File ID: C3R28538B03  
 Level: (low/med) MED Date Received: 06/26/91  
 % Moisture: not dec. 16 Date Analyzed: 07/09/91  
 Column: (pack/cap) CAP Dilution Factor: 3.3

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

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	4800 U
74-83-9	Bromomethane	2500 U
75-01-4	Vinyl Chloride	4800 U
75-00-3	Chloroethane	4800 U
75-09-2	Methylene Chloride	610 J
67-64-1	Acetone	4800 U
75-15-0	Carbon Disulfide	2500 U
75-35-4	1,1-Dichloroethene	2500 U
75-34-3	1,1-Dichloroethane	2500 U
540-59-0	1,2-Dichloroethene (total)	2500 U
67-66-3	Chloroform	2500 U
107-06-2	1,2-Dichloroethane	2500 U
78-93-3	2-Butanone	4800 U
71-55-6	1,1,1-Trichloroethane	2500 U
56-23-5	Carbon Tetrachloride	2500 U
108-05-4	Vinyl Acetate	4800 U
75-27-4	Bromodichloromethane	2500 U
78-87-5	1,2-Dichloropropane	2500 U
10061-01-5	cis-1,3-Dichloropropene	2500 U
79-01-6	Trichloroethene	2500 U
124-48-1	Dibromochloromethane	2500 U
79-00-5	1,1,2-Trichloroethane	2500 U
71-43-2	Benzene	2500 U
10061-02-6	Trans-1,3-Dichloropropene	2500 U
110-75-8	2-Chloroethylvinylether	4800 U
75-25-2	Bromoform	4800 U
108-10-1	4-Methyl-2-Pentanone	7500 U
591-78-6	2-Hexanone	7500 U
127-18-4	Tetrachloroethene	2500 U
79-34-5	1,1,2,2-Tetrachloroethane	4800 U
108-88-3	Toluene	2500 U
108-90-7	Chlorobenzene	92000
100-41-4	Ethylbenzene	5900
100-42-5	Styrene	2500 U
1330-20-7	Total Xylenes	32000
74-88-4	Iodomethane	4800 U

FORM I VOA

1/87 Rev.



107-02-8-----	Acrolein	44000	U
107-13-1-----	Acrylonitrile	59000	U
75-69-4-----	Trichlorofluoromethane	2500	U
107-05-1-----	3-Chloropropene	7500	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	4800	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	4800	U
74-95-3-----	Dibromomethane	4800	U
4170-30-3-----	Crotonaldehyde	48000	U
106-93-4-----	1,2-Dibromoethane	2500	U
630-20-6-----	1,1,1,2-Tetrachloroethane	2500	U
764-71-0-----	cis-1,4-Dichloro-2-butene	7500	U
96-18-4-----	1,2,3-Trichloropropane	7500	U
764-71-0-----	trans-1,4-Dichloro-2-butene	7500	U
96-18-4-----	Ethylmethacrylate	4800	U
96-12-8-----	1,2-Dibromo-3-chloropropane	4800	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X050810

Lab Name: COMPUCHEM RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428530  
 Sample wt/vol: 4.0 (g/mL) G Lab File ID: C2R28530B51  
 Level: (low/med) MED Date Received: 06/26/91  
 % Moisture: not dec. 17 Date Analyzed: 07/02/91  
 Column: (pack/cap) CAP Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	2900	U
74-83-9	Bromomethane	1500	U
75-01-4	Vinyl Chloride	2900	U
75-00-3	Chloroethane	2900	U
75-09-2	Methylene Chloride	1500	J
67-64-1	Acetone	2900	U
75-15-0	Carbon Disulfide	1500	U
75-35-4	1,1-Dichloroethene	1500	U
75-34-3	1,1-Dichloroethane	1500	U
540-59-0	1,2-Dichloroethene (total)	1500	U
67-66-3	Chloroform	1500	U
107-06-2	1,2-Dichloroethane	310	J
78-93-3	2-Butanone	2900	U
71-55-6	1,1,1-Trichloroethane	1500	U
56-23-5	Carbon Tetrachloride	1500	U
108-05-4	Vinyl Acetate	2900	U
75-27-4	Bromodichloromethane	1500	U
78-87-5	1,2-Dichloropropane	1500	U
10061-01-5	cis-1,3-Dichloropropene	1500	U
79-01-6	Trichloroethene	480	J
124-48-1	Dibromochloromethane	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
71-43-2	Benzene	1500	U
10061-02-6	Trans-1,3-Dichloropropene	1500	U
110-75-8	2-Chloroethylvinylether	2900	U
75-25-2	Bromoform	2900	U
108-10-1	4-Methyl-2-Pentanone	4600	U
591-78-6	2-Hexanone	4600	U
127-18-4	Tetrachloroethene	1500	U
79-34-5	1,1,2,2-Tetrachloroethane	2900	U
108-88-3	Toluene	340	J
108-90-7	Chlorobenzene	2900	U
100-41-4	Ethylbenzene	1500	U
100-42-5	Styrene	1500	U
1330-20-7	Total Xylenes	1000	J
74-88-4	Iodomethane	2900	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	27000	U
107-13-1-----Acrylonitrile	36000	U
75-69-4-----Trichlorofluoromethane	1500	U
107-05-1-----3-Chloropropene	4600	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	2900	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	2900	U
74-95-3-----Dibromomethane	2900	U
4170-30-3-----Crotonaldehyde	29000	U
106-93-4-----1,2-Dibromoethane	1500	U
630-20-6-----1,1,1,2-Tetrachloroethane	1500	U
764-71-0-----cis-1,4-Dichloro-2-butene	4600	U
96-18-4-----1,2,3-Trichloropropane	4600	U
764-71-0-----trans-1,4-Dichloro-2-butene	4600	U
96-18-4-----Ethylmethacrylate	2900	U
96-12-8-----1,2-Dibromo-3-chloropropane	2900	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X060406

Lab Name: COMPUCHEM.RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428522  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: G7R28522C13  
 Level: (low/med) LOW Date Received: 06/26/91  
 % Moisture: not dec. 16 Date Analyzed: 07/15/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
74-87-3	-----Chloromethane	12		U
74-83-9	-----Bromomethane	6		U
75-01-4	-----Vinyl Chloride	12		U
75-00-3	-----Chloroethane	12		U
75-09-2	-----Methylene Chloride	35		B
67-64-1	-----Acetone	20		
75-15-0	-----Carbon Disulfide	6		U
75-35-4	-----1,1-Dichloroethene	6		U
75-34-3	-----1,1-Dichloroethane	6		U
540-59-0	-----1,2-Dichloroethene (total)	6		U
67-66-3	-----Chloroform	6		U
107-06-2	-----1,2-Dichloroethane	6		U
78-93-3	-----2-Butanone	12		U
71-55-6	-----1,1,1-Trichloroethane	6		U
56-23-5	-----Carbon Tetrachloride	6		U
108-05-4	-----Vinyl Acetate	12		U
75-27-4	-----Bromodichloromethane	6		U
78-87-5	-----1,2-Dichloropropane	6		U
10061-01-5	-----cis-1,3-Dichloropropene	6		U
79-01-6	-----Trichloroethene	6		U
124-48-1	-----Dibromochloromethane	6		U
79-00-5	-----1,1,2-Trichloroethane	6		U
71-43-2	-----Benzene	6		U
10061-02-6	-----Trans-1,3-Dichloropropene	6		U
110-75-8	-----2-Chloroethylvinylether	12		U
75-25-2	-----Bromoform	12		U
108-10-1	-----4-Methyl-2-Pentanone	18		U
591-78-6	-----2-Hexanone	18		U
127-18-4	-----Tetrachloroethene	6		U
79-34-5	-----1,1,2,2-Tetrachloroethane	12		U
108-88-3	-----Toluene	6		U
108-90-7	-----Chlorobenzene	6		U
100-41-4	-----Ethylbenzene	6		U
100-42-5	-----Styrene	6		U
1330-20-7	-----Total Xylenes	6		U
74-88-4	-----Iodomethane	12		U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	18	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	18	U
96-18-4-----1,2,3-Trichloropropane	18	U
764-71-0-----trans-1,4-Dichloro-2-butene	18	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X070608

Lab Name: COMPUCHEM RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428806  
 Sample wt/vol: 1.0 (g/mL) G Lab File ID: GR028806A54  
 Level: (low/med) LOW Date Received: 06/28/91  
 % Moisture: not dec. 14 Date Analyzed: 07/03/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	58	U
74-83-9	-----Bromomethane	29	U
75-01-4	-----Vinyl Chloride	58	U
75-00-3	-----Chloroethane	58	U
75-09-2	-----Methylene Chloride	100	B
67-64-1	-----Acetone	160	B
75-15-0	-----Carbon Disulfide	29	U
75-35-4	-----1,1-Dichloroethene	29	U
75-34-3	-----1,1-Dichloroethane	29	U
540-59-0	-----1,2-Dichloroethene (total)	29	U
67-66-3	-----Chloroform	29	U
107-06-2	-----1,2-Dichloroethane	29	U
78-93-3	-----2-Butanone	58	U
71-55-6	-----1,1,1-Trichloroethane	29	U
56-23-5	-----Carbon Tetrachloride	29	U
108-05-4	-----Vinyl Acetate	58	U
75-27-4	-----Bromodichloromethane	29	U
78-87-5	-----1,2-Dichloropropane	29	U
10061-01-5	-----cis-1,3-Dichloropropene	29	U
79-01-6	-----Trichloroethene	29	U
124-48-1	-----Dibromochloromethane	29	U
79-00-5	-----1,1,2-Trichloroethane	29	U
71-43-2	-----Benzene	25	J
10061-02-6	-----Trans-1,3-Dichloropropene	29	U
110-75-8	-----2-Chloroethylvinylether	58	U
75-25-2	-----Bromoform	58	U
108-10-1	-----4-Methyl-2-Pentanone	87	U
591-78-6	-----2-Hexanone	87	U
127-18-4	-----Tetrachloroethene	29	U
79-34-5	-----1,1,2,2-Tetrachloroethane	58	U
108-88-3	-----Toluene	9	J
108-90-7	-----Chlorobenzene	730	U
100-41-4	-----Ethylbenzene	140	U
100-42-5	-----Styrene	29	U
1330-20-7	-----Total Xylenes	280	U
74-88-4	-----Iodomethane	58	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	520	U
107-13-1-----Acrylonitrile	700	U
75-69-4-----Trichlorofluoromethane	29	U
107-05-1-----3-Chloropropene	87	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	19	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	58	U
74-95-3-----Dibromomethane	58	U
4170-30-3-----Crotonaldehyde	580	U
106-93-4-----1,2-Dibromoethane	29	U
630-20-6-----1,1,1,2-Tetrachloroethane	29	U
764-71-0-----cis-1,4-Dichloro-2-butene	87	U
96-18-4-----1,2,3-Trichloropropane	87	U
764-71-0-----trans-1,4-Dichloro-2-butene	87	U
96-18-4-----Ethylmethacrylate	58	U
96-12-8-----1,2-Dibromo-3-chloropropane	58	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X080204

Lab Name: COMPUCHEM, RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 429047  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH029047B54  
 Level: (low/med) LOW Date Received: 06/29/91  
 % Moisture: not dec. 18 Date Analyzed: 07/02/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	16	B
67-64-1	Acetone	18	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	19	
100-42-5	Styrene	2	J
1330-20-7	Total Xylenes	8	
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.



107-02-8-----	Acrolein	110	U
107-13-1-----	Acrylonitrile	150	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	18	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	5	BJ
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----	Dibromomethane	12	U
4170-30-3-----	Crotonaldehyde	120	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	18	U
96-18-4-----	1,2,3-Trichloropropane	18	U
764-71-0-----	trans-1,4-Dichloro-2-butene	18	U
96-18-4-----	Ethylmethacrylate	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

## VOLATILE ORGANICS ANALYSIS DATA SHEET

P2X090810

Lab Name: COMFUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 429500

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH029500B54

Level: (low/med) LOW Date Received: 07/02/91

% Moisture: not dec. 26 Date Analyzed: 07/03/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
74-87-3	Chloromethane	14	U	
74-83-9	Bromomethane	7	U	
75-01-4	Vinyl Chloride	14	U	
75-00-3	Chloroethane	14	U	
75-09-2	Methylene Chloride	20	B	
67-64-1	Acetone	23	B	
75-15-0	Carbon Disulfide	7	U	
75-35-4	1,1-Dichloroethene	7	U	
75-34-3	1,1-Dichloroethane	7	U	
540-59-0	1,2-Dichloroethene (total)	7	U	
67-66-3	Chloroform	7	U	
107-06-2	1,2-Dichloroethane	7	U	
78-93-3	2-Butanone	14	U	
71-55-6	1,1,1-Trichloroethane	7	U	
56-23-5	Carbon Tetrachloride	7	U	
108-05-4	Vinyl Acetate	14	U	
75-27-4	Bromodichloromethane	7	U	
78-87-5	1,2-Dichloropropane	7	U	
10061-01-5	cis-1,3-Dichloropropene	7	U	
79-01-6	Trichloroethene	7	U	
124-48-1	Dibromochloromethane	7	U	
79-00-5	1,1,2-Trichloroethane	7	U	
71-43-2	Benzene	3	J	
10061-02-6	Trans-1,3-Dichloropropene	7	U	
110-75-8	2-Chloroethylvinylether	14	U	
75-25-2	Bromoform	14	U	
108-10-1	4-Methyl-2-Pentanone	20	U	
591-78-6	2-Hexanone	20	U	
127-18-4	Tetrachloroethene	7	U	
79-34-5	1,1,2,2-Tetrachloroethane	14	U	
108-88-3	Toluene	7	U	
108-90-7	Chlorobenzene	4	J	
100-41-4	Ethylbenzene	2	J	
100-42-5	Styrene	7	U	
1330-20-7	Total Xylenes	7	U	
74-88-4	Iodomethane	14	U	

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	120	U
107-13-1-----	Acrylonitrile	160	U
75-69-4-----	Trichlorofluoromethane	7	U
107-05-1-----	3-Chloropropene	20	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	5	BU
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	14	U
74-95-3-----	Dibromomethane	14	U
4170-30-3-----	Crotonaldehyde	140	U
106-93-4-----	1,2-Dibromoethane	7	U
630-20-6-----	1,1,1,2-Tetrachloroethane	7	U
764-71-0-----	cis-1,4-Dichloro-2-butene	20	U
96-18-4-----	1,2,3-Trichloropropane	20	U
764-71-0-----	trans-1,4-Dichloro-2-butene	20	U
96-18-4-----	Ethylmethacrylate	14	U
96-12-8-----	1,2-Dibromo-3-chloropropane	14	U

FORM I VOA

1/87 Rev.

42950

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X100204

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 429738

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH029738C18

Level: (low/med) LOW Date Received: 07/03/91

% Moisture: not dec. 2 Date Analyzed: 07/09/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	5	U
75-01-4	-----Vinyl Chloride	10	U
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene Chloride	20	B
67-64-1	-----Acetone	10	BJ
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	5	U
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	10	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-Dichloropropene	5	U
79-01-6	-----Trichloroethene	5	U
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	1	J
10061-02-6	-----Trans-1,3-Dichloropropene	5	U
110-75-8	-----2-Chloroethylvinylether	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-Pentanone	15	U
591-78-6	-----2-Hexanone	15	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-88-3	-----Toluene	5	U
108-90-7	-----Chlorobenzene	350	E
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total Xylenes	15	U
74-88-4	-----Iodomethane	10	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	92	U
107-13-1-----Acrylonitrile	120	U
75-69-4-----Trichlorofluoromethane	5	U
107-05-1-----3-Chloropropene	15	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	10	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	10	U
74-95-3-----Dibromomethane	10	U
4170-30-3-----Crotonaldehyde	100	U
106-93-4-----1,2-Dibromoethane	5	U
630-20-6-----1,1,1,2-Tetrachloroethane	5	U
764-71-0-----cis-1,4-Dichloro-2-butene	15	U
96-18-4-----1,2,3-Trichloropropane	15	U
764-71-0-----trans-1,4-Dichloro-2-butene	15	U
96-18-4-----Ethylmethacrylate	10	U
96-12-8-----1,2-Dibromo-3-chloropropane	10	U

FORM I VOA

1/87 Rev.

429738

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X100204RE

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 429738

Sample wt/vol: 2.2 (g/mL) G Lab File ID: GR029738A13

Level: (low/med) LOW Date Received: 07/03/91

% Moisture: not dec. 2 Date Analyzed: 07/10/91

Column: (pack/cap) CAP Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	23	U
74-83-9	-----Bromomethane	12	U
75-01-4	-----Vinyl Chloride	23	U
75-00-3	-----Chloroethane	23	U
75-09-2	-----Methylene Chloride	39	BD
67-64-1	-----Acetone	24	BD
75-15-0	-----Carbon Disulfide	12	U
75-35-4	-----1,1-Dichloroethene	12	U
75-34-3	-----1,1-Dichloroethane	12	U
540-59-0	-----1,2-Dichloroethene (total)	12	U
67-66-3	-----Chloroform	12	U
107-06-2	-----1,2-Dichloroethane	12	U
78-93-3	-----2-Butanone	23	U
71-55-6	-----1,1,1-Trichloroethane	12	U
56-23-5	-----Carbon Tetrachloride	12	U
108-05-4	-----Vinyl Acetate	23	U
75-27-4	-----Bromodichloromethane	12	U
78-87-5	-----1,2-Dichloropropane	12	U
10061-01-5	-----cis-1,3-Dichloropropene	12	U
79-01-6	-----Trichloroethene	12	U
124-48-1	-----Dibromochloromethane	12	U
79-00-5	-----1,1,2-Trichloroethane	12	U
71-43-2	-----Benzene	12	U
10061-02-6	-----Trans-1,3-Dichloropropene	12	U
110-75-8	-----2-Chloroethylvinylether	23	U
75-25-2	-----Bromoform	23	U
108-10-1	-----4-Methyl-2-Pentanone	35	U
591-78-6	-----2-Hexanone	35	U
127-18-4	-----Tetrachloroethene	12	U
79-34-5	-----1,1,2,2-Tetrachloroethane	23	U
108-88-3	-----Toluene	12	U
108-90-7	-----Chlorobenzene	680	DE
100-41-4	-----Ethylbenzene	10	DJ
100-42-5	-----Styrene	12	U
1330-20-7	-----Total Xylenes	24	D
74-88-4	-----Iodomethane	23	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	210	U
107-13-1-----Acrylonitrile	280	U
75-69-4-----Trichlorofluoromethane	3	DJ
107-05-1-----3-Chloropropene	35	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	23	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	23	U
74-95-3-----Dibromomethane	23	U
4170-30-3-----Crotonaldehyde	230	U
106-93-4-----1,2-Dibromoethane	12	U
630-20-6-----1,1,1,2-Tetrachloroethane	12	U
764-71-0-----cis-1,4-Dichloro-2-butene	35	U
96-18-4-----1,2,3-Trichloropropane	35	U
764-71-0-----trans-1,4-Dichloro-2-butene	35	U
96-18-4-----Ethylmethacrylate	23	U
96-12-8-----1,2-Dibromo-3-chloropropane	23	U

FORM I VOA

1/87 Rev.

429738

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X110406

Lab Name: COMPUCHEM, RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 429480  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH029480B54  
 Level: (low/med) LOW Date Received: 07/02/91  
 ‡ Moisture: not dec. 8 Date Analyzed: 07/03/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	5	U
75-01-4	-----Vinyl Chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene Chloride	24	B
67-64-1	-----Acetone	28	B
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	5	U
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	11	U
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	11	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-Dichloropropene	5	U
79-01-6	-----Trichloroethene	5	U
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	5	U
10061-02-6	-----Trans-1,3-Dichloropropene	5	U
110-75-8	-----2-Chloroethylvinylether	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-Pentanone	16	U
591-78-6	-----2-Hexanone	16	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-88-3	-----Toluene	5	U
108-90-7	-----Chlorobenzene	5	U
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total Xylenes	5	U
74-88-4	-----Iodomethane	11	U

FORM I VOA

1/87 Rev.



107-02-8-----Acrolein	98	U
107-13-1-----Acrylonitrile	130	U
75-69-4-----Trichlorofluoromethane	5	U
107-05-1-----3-Chloropropene	16	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	4	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----Dibromomethane	11	U
4170-30-3-----Crotonaldehyde	110	U
106-93-4-----1,2-Dibromoethane	5	U
630-20-6-----1,1,1,2-Tetrachloroethane	5	U
764-71-0-----cis-1,4-Dichloro-2-butene	16	U
96-18-4-----1,2,3-Trichloropropane	16	U
764-71-0-----trans-1,4-Dichloro-2-butene	16	U
96-18-4-----Ethylmethacrylate	11	U
96-12-8-----1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X120810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMFU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 429951

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR029951C13

Level: (low/med) LOW Date Received: 07/05/91

% Moisture: not dec. 32 Date Analyzed: 07/16/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
74-87-3	-----Chloromethane	15 U
74-83-9	-----Bromomethane	7 U
75-01-4	-----Vinyl Chloride	15 U
75-00-3	-----Chloroethane	15 U
75-09-2	-----Methylene Chloride	90 B
67-64-1	-----Acetone	230
75-15-0	-----Carbon Disulfide	7 U
75-35-4	-----1,1-Dichloroethene	7 U
75-34-3	-----1,1-Dichloroethane	7 U
540-59-0	-----1,2-Dichloroethene (total)	7 U
67-66-3	-----Chloroform	7 U
107-06-2	-----1,2-Dichloroethane	7 U
78-93-3	-----2-Butanone	15 U
71-55-6	-----1,1,1-Trichloroethane	7 U
56-23-5	-----Carbon Tetrachloride	7 U
108-05-4	-----Vinyl Acetate	15 U
75-27-4	-----Bromodichloromethane	7 U
78-87-5	-----1,2-Dichloropropane	7 U
10061-01-5	-----cis-1,3-Dichloropropene	7 U
79-01-6	-----Trichloroethene	7 U
124-48-1	-----Dibromochloromethane	7 U
79-00-5	-----1,1,2-Trichloroethane	7 U
71-43-2	-----Benzene	7 U
10061-02-6	-----Trans-1,3-Dichloropropene	7 U
110-75-8	-----2-Chloroethylvinylether	15 U
75-25-2	-----Bromoform	15 U
108-10-1	-----4-Methyl-2-Pentanone	22 U
591-78-6	-----2-Hexanone	22 U
127-18-4	-----Tetrachloroethene	7 U
79-34-5	-----1,1,2,2-Tetrachloroethane	15 U
108-88-3	-----Toluene	7 U
108-90-7	-----Chlorobenzene	7 U
100-41-4	-----Ethylbenzene	7 U
100-42-5	-----Styrene	7 U
1330-20-7	-----Total Xylenes	7 U
74-88-4	-----Iodomethane	15 U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	130	U
107-13-1-----	Acrylonitrile	180	U
75-69-4-----	Trichlorofluoromethane	7	U
107-05-1-----	3-Chloropropene	22	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	15	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	15	U
74-95-3-----	Dibromomethane	15	U
4170-30-3-----	Crotonaldehyde	150	U
106-93-4-----	1,2-Dibromoethane	7	U
630-20-6-----	1,1,1,2-Tetrachloroethane	7	U
764-71-0-----	cis-1,4-Dichloro-2-butene	22	U
96-18-4-----	1,2,3-Trichloropropane	22	U
764-71-0-----	trans-1,4-Dichloro-2-butene	22	U
96-18-4-----	Ethylmethacrylate	15	U
96-12-8-----	1,2-Dibromo-3-chloropropane	15	U

FORM I VOA

1/87 Rev.

439951

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X130002

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 429938

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR029938C13

Level: (low/med) LOW Date Received: 07/05/91

% Moisture: not dec. 24 Date Analyzed: 07/11/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	13	U
74-83-9	-----Bromomethane	7	U
75-01-4	-----Vinyl Chloride	13	U
75-00-3	-----Chloroethane	13	U
75-09-2	-----Methylene Chloride	9	BJ
67-64-1	-----Acetone	13	U
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethene	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	7	U
78-93-3	-----2-Butanone	13	U
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	13	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	7	U
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-Chloroethylvinylether	13	U
75-25-2	-----Bromoform	13	U
108-10-1	-----4-Methyl-2-Pentanone	20	U
591-78-6	-----2-Hexanone	20	U
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	13	U
108-88-3	-----Toluene	7	U
108-90-7	-----Chlorobenzene	7	U
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	7	U
1330-20-7	-----Total Xylenes	7	U
74-88-4	-----Iodomethane	13	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	120	U
107-13-1-----	Acrylonitrile	160	U
75-69-4-----	Trichlorofluoromethane	7	U
107-05-1-----	3-Chloropropene	20	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	13	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----	Dibromomethane	13	U
4170-30-3-----	Crotonaldehyde	130	U
106-93-4-----	1,2-Dibromoethane	7	U
630-20-6-----	1,1,1,2-Tetrachloroethane	7	U
764-71-0-----	cis-1,4-Dichloro-2-butene	20	U
96-18-4-----	1,2,3-Trichloropropane	20	U
764-71-0-----	trans-1,4-Dichloro-2-butene	20	U
96-18-4-----	Ethylmethacrylate	13	U
96-12-8-----	1,2-Dibromo-3-chloropropane	13	U

FORM I VOA

1/87 Rev.

429138

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X140406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 430001

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH030001B13

Level: (low/med) LOW Date Received: 07/06/91

% Moisture: not dec. 24 Date Analyzed: 07/10/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	13	U
74-83-9	-----Bromomethane	7	U
75-01-4	-----Vinyl Chloride	13	U
75-00-3	-----Chloroethane	13	U
75-09-2	-----Methylene Chloride	16	B
67-64-1	-----Acetone	9	BJ
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethene	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	7	U
78-93-3	-----2-Butanone	13	U
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	13	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	7	U
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-Chloroethylvinylether	13	U
75-25-2	-----Bromoform	13	U
108-10-1	-----4-Methyl-2-Pentanone	20	U
591-78-6	-----2-Hexanone	20	U
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	13	U
108-88-3	-----Toluene	7	U
108-90-7	-----Chlorobenzene	7	U
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	2	J
1330-20-7	-----Total Xylenes	7	U
74-88-4	-----Iodomethane	13	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	120	U
107-13-1-----	Acrylonitrile	160	U
75-69-4-----	Trichlorofluoromethane	7	U
107-05-1-----	3-Chloropropene	20	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	13	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----	Dibromomethane	13	U
4170-30-3-----	Crotonaldehyde	130	U
106-93-4-----	1,2-Dibromoethane	7	U
630-20-6-----	1,1,1,2-Tetrachloroethane	7	U
764-71-0-----	cis-1,4-Dichloro-2-butene	20	U
96-18-4-----	1,2,3-Trichloropropane	20	U
764-71-0-----	trans-1,4-Dichloro-2-butene	20	U
96-18-4-----	Ethylmethacrylate	13	U
96-12-8-----	1,2-Dibromo-3-chloropropane	13	U

FORM I VOA

1/87 Rev.

430001

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X150810

Lab Name: COMFUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551  
 Matrix: (soil/water) SOIL Lab Sample ID: 429993  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH029993B13  
 Level: (low/med) LOW Date Received: 07/06/91  
 % Moisture: not dec. 19 Date Analyzed: 07/10/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	12	BJ
67-64-1	-----Acetone	9	BJ
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	19	U
591-78-6	-----2-Hexanone	19	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.



107-02-8-----	Acrolein	110	U
107-13-1-----	Acrylonitrile	150	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	19	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----	Dibromomethane	12	U
4170-30-3-----	Crotonaldehyde	120	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	19	U
96-18-4-----	1,2,3-Trichloropropane	19	U
764-71-0-----	trans-1,4-Dichloro-2-butene	19	U
96-18-4-----	Ethylmethacrylate	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

42993

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X160810

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 430173

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH030173C13

Level: (low/med) LOW Date Received: 07/09/91

% Moisture: not dec. 26 Date Analyzed: 07/11/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	14	U
74-83-9	-----Bromomethane	7	U
75-01-4	-----Vinyl Chloride	14	U
75-00-3	-----Chloroethane	14	U
75-09-2	-----Methylene Chloride	11	BJ
67-64-1	-----Acetone	10	J
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethene	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	7	U
78-93-3	-----2-Butanone	14	U
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	14	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	7	U
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-Chloroethylvinylether	14	U
75-25-2	-----Bromoform	14	U
108-10-1	-----4-Methyl-2-Pentanone	20	U
591-78-6	-----2-Hexanone	20	U
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	14	U
108-88-3	-----Toluene	7	U
108-90-7	-----Chlorobenzene	7	U
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	7	U
1330-20-7	-----Total Xylenes	7	U
74-88-4	-----Iodomethane	14	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y060406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1520

Matrix: (soil/water) SOIL Lab Sample ID: 425187

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH025187C54

Level: (low/med) LOW Date Received: 06/12/91

% Moisture: not dec. 20 Date Analyzed: 06/14/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	45	B
67-64-1	-----Acetone	51	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	19	U
591-78-6	-----2-Hexanone	19	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-41-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U
97-63-2-----Ethylmethacrylate	12	U

FORM I VOA

1/87 Rev.

425137

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y070406

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 424374

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR024374B54

Level: (low/med) LOW Date Received: 06/07/91

% Moisture: not dec. 19 Date Analyzed: 06/12/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	31	B
67-64-1	Acetone	17	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	4	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

U 24374

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y080204

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513  
 Matrix: (soil/water) SOIL Lab Sample ID: 425628  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH025628A13  
 Level: (low/med) LOW Date Received: 06/13/91  
 ‡ Moisture: not dec. 12 Date Analyzed: 06/18/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	27	B
67-64-1	Acetone	15	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	8	
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	11	U

FORM I VOA

1/87 Rev.

-----Acrolein	120	U
107-13-1-----Acrylonitrile	160	U
75-69-4-----Trichlorofluoromethane	7	U
107-05-1-----3-Chloropropene	20	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	14	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	14	U
74-95-3-----Dibromomethane	14	U
4170-30-3-----Crotonaldehyde	140	U
106-93-4-----1,2-Dibromoethane	7	U
630-20-6-----1,1,1,2-Tetrachloroethane	7	U
764-71-0-----cis-1,4-Dichloro-2-butene	20	U
96-18-4-----1,2,3-Trichloropropane	20	U
764-71-0-----trans-1,4-Dichloro-2-butene	20	U
96-18-4-----Ethylmethacrylate	14	U
96-12-8-----1,2-Dibromo-3-chloropropane	14	U

FORM I VOA

1/87 Rev.

430173



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X170002

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551  
 Matrix: (soil/water) SOIL Lab Sample ID: 430174  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH030174C13  
 Level: (low/med) LOW Date Received: 07/09/91  
 % Moisture: not dec. 17 Date Analyzed: 07/11/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	10	BJ
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	18	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	18	U
96-18-4-----1,2,3-Trichloropropane	18	U
764-71-0-----trans-1,4-Dichloro-2-butene	18	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

GH030174

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X181416

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1551

Matrix: (soil/water) SOIL Lab Sample ID: 430175

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH030175C13

Level: (low/med) LOW Date Received: 07/09/91

% Moisture: not dec. 14 Date Analyzed: 07/11/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	14	B
67-64-1	Acetone	29	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	1	J
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	3	J
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropane	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

430175

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X190810

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1562  
 Matrix: (soil/water) SOIL Lab Sample ID: 430830  
 Sample wt/vol: 4.0 (g/mL) G Lab File ID: CR030830C03  
 Level: (low/med) MED Date Received: 07/11/91  
 % Moisture: not dec. 41 Date Analyzed: 07/16/91  
 Column: (pack/cap) CAP Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	20000	U
74-83-9	Bromomethane	11000	U
75-01-4	Vinyl Chloride	20000	U
75-00-3	Chloroethane	20000	U
75-09-2	Methylene Chloride	6300	BJ
67-64-1	Acetone	20000	U
75-15-0	Carbon Disulfide	11000	U
75-35-4	1,1-Dichloroethene	11000	U
75-34-3	1,1-Dichloroethane	11000	U
540-59-0	1,2-Dichloroethene (total)	11000	U
67-66-3	Chloroform	11000	U
107-06-2	1,2-Dichloroethane	11000	U
78-93-3	2-Butanone	20000	U
71-55-6	1,1,1-Trichloroethane	11000	U
56-23-5	Carbon Tetrachloride	11000	U
108-05-4	Vinyl Acetate	20000	U
75-27-4	Bromodichloromethane	11000	U
78-87-5	1,2-Dichloropropane	11000	U
10061-01-5	cis-1,3-Dichloropropene	11000	U
79-01-6	Trichloroethene	11000	U
124-48-1	Dibromochloromethane	11000	U
79-00-5	1,1,2-Trichloroethane	11000	U
71-43-2	Benzene	190000	U
10061-02-6	Trans-1,3-Dichloropropene	11000	U
110-75-8	2-Chloroethylvinylether	20000	U
75-25-2	Bromoform	20000	U
108-10-1	4-Methyl-2-Pentanone	32000	U
591-78-6	2-Hexanone	32000	U
127-18-4	Tetrachloroethene	11000	U
79-34-5	1,1,2,2-Tetrachloroethane	20000	U
108-88-3	Toluene	240000	U
108-90-7	Chlorobenzene	11000	U
100-41-4	Ethylbenzene	41000	U
100-42-5	Styrene	160000	U
1330-20-7	Total Xylenes	200000	U
74-88-4	Iodomethane	20000	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	190000	U
107-13-1-----	Acrylonitrile	250000	U
75-69-4-----	Trichlorofluoromethane	11000	U
107-05-1-----	3-Chloropropene	32000	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	20000	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	20000	U
74-95-3-----	Dibromomethane	20000	U
4170-30-3-----	Crotonaldehyde	200000	U
106-93-4-----	1,2-Dibromoethane	11000	U
630-20-6-----	1,1,1,2-Tetrachloroethane	11000	U
764-71-0-----	cis-1,4-Dichloro-2-butene	32000	U
96-18-4-----	1,2,3-Trichloropropane	32000	U
764-71-0-----	trans-1,4-Dichloro-2-butene	32000	U
96-18-4-----	Ethylmethacrylate	20000	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20000	U

FORM I VOA  
 72X190810

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X201012

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1562

Matrix: (soil/water) SOIL Lab Sample ID: 430827

Sample wt/vol: 4.0 (g/mL) G Lab File ID: C3R30827A03

Level: (low/med) MED Date Received: 07/11/91

% Moisture: not dec. 21 Date Analyzed: 07/16/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3-----	Chloromethane	1500	U
74-83-9-----	Bromomethane	780	U
75-01-4-----	Vinyl Chloride	1500	U
75-00-3-----	Chloroethane	1500	U
75-09-2-----	Methylene Chloride	800	BJ
67-64-1-----	Acetone	1500	U
75-15-0-----	Carbon Disulfide	780	U
75-35-4-----	1,1-Dichloroethene	780	U
75-34-3-----	1,1-Dichloroethane	780	U
540-59-0-----	1,2-Dichloroethene (total)	780	U
67-66-3-----	Chloroform	780	U
107-06-2-----	1,2-Dichloroethane	780	U
78-93-3-----	2-Butanone	1500	U
71-55-6-----	1,1,1-Trichloroethane	780	U
56-23-5-----	Carbon Tetrachloride	780	U
108-05-4-----	Vinyl Acetate	1500	U
75-27-4-----	Bromodichloromethane	780	U
78-87-5-----	1,2-Dichloropropane	780	U
10061-01-5-----	cis-1,3-Dichloropropene	780	U
79-01-6-----	Trichloroethene	780	U
124-48-1-----	Dibromochloromethane	780	U
79-00-5-----	1,1,2-Trichloroethane	780	U
71-43-2-----	Benzene	780	U
10061-02-6-----	Trans-1,3-Dichloropropene	780	U
110-75-8-----	2-Chloroethylvinylether	1500	U
75-25-2-----	Bromoform	1500	U
108-10-1-----	4-Methyl-2-Pentanone	2400	U
591-78-6-----	2-Hexanone	2400	U
127-18-4-----	Tetrachloroethene	780	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1500	U
108-88-3-----	Toluene	780	U
108-90-7-----	Chlorobenzene	780	U
100-41-4-----	Ethylbenzene	640	J
100-42-5-----	Styrene	1900	U
1330-20-7-----	Total Xylenes	4200	U
74-88-4-----	Iodomethane	1500	U

FORM I VOA

1/87 Rev.

107-02-0-----	Acrolein	14000	U
107-13-1-----	Acrylonitrile	19000	U
75-69-4-----	Trichlorofluoromethane	780	U
107-05-1-----	3-Chloropropene	2400	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	1500	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	1500	U
74-95-3-----	Dibromomethane	1500	U
4170-30-3-----	Crotonaldehyde	15000	U
106-93-4-----	1,2-Dibromoethane	780	U
630-20-6-----	1,1,1,2-Tetrachloroethane	780	U
764-71-0-----	cis-1,4-Dichloro-2-butene	2400	U
96-18-4-----	1,2,3-Trichloropropane	2400	U
764-71-0-----	trans-1,4-Dichloro-2-butene	2400	U
96-18-4-----	Ethylmethacrylate	1500	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1500	U

FORM I VOA

1/87 Rev.

72X201012



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y010810

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513  
 Matrix: (soil/water) SOIL Lab Sample ID: 424396  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH024396A54  
 Level: (low/med) LOW Date Received: 06/07/91  
 % Moisture: not dec. 18 Date Analyzed: 06/11/91  
 Column: (pack/cap) \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	30	B
67-64-1	Acetone	9	BJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	8	
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	J
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	18	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	18	U
96-18-4-----1,2,3-Trichloropropane	18	U
764-71-0-----trans-1,4-Dichloro-2-butene	18	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

424396

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y020608

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513  
 Matrix: (soil/water) SOIL Lab Sample ID: 424444  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH024444C13  
 Level: (low/med) LOW Date Received: 06/08/91  
 % Moisture: not dec. 14 Date Analyzed: 06/12/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	39	B
67-64-1	-----Acetone	47	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	32	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	17	U
591-78-6	-----2-Hexanone	17	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropane	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

42444

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y030810

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1512  
 Matrix: (soil/water) SOIL Lab Sample ID: 424002  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR024002A54  
 Level: (low/med) LOW Date Received: 06/06/91  
 % Moisture: not dec. 9 Date Analyzed: 06/09/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	18	B
67-64-1	Acetone	9	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
110-75-8	2-Chloroethylvinylether	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U
74-88-4	Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	99	U
107-13-1-----	Acrylonitrile	130	U
75-69-4-----	Trichlorofluoromethane	5	U
107-05-1-----	3-Chloropropene	16	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	3	BJ
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----	Dibromomethane	11	U
4170-30-3-----	Crotonaldehyde	110	U
106-93-4-----	1,2-Dibromoethane	5	U
630-20-6-----	1,1,1,2-Tetrachloroethane	5	U
764-41-0-----	cis-1,4-Dichloro-2-butene	16	U
96-18-4-----	1,2,3-Trichloropropane	16	U
764-71-0-----	trans-1,4-Dichloro-2-butene	16	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U
97-63-2-----	Ethylmethacrylate	11	U

FORM I VOA

1/87 Rev.

424002

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y040406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1511

Matrix: (soil/water) SOIL Lab Sample ID: 423972

Sample wt/vol: 5.0 (g/mL) G Lab File ID: G2R23972B54

Level: (low/med) LOW Date Received: 06/06/91

% Moisture: not dec. 20 Date Analyzed: 06/12/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	29	B
67-64-1	-----Acetone	21	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	3	J
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	19	U
591-78-6	-----2-Hexanone	19	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-41-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U
97-63-2-----Ethylmethacrylate	12	U

FORM I VOA

1/87 Rev.

423972



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y050406

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 424388

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH024388A54

Level: (low/med) LOW Date Received: 06/07/91

% Moisture: not dec. 17 Date Analyzed: 06/11/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	47	B
67-64-1	Acetone	22	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	3	J
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	3	J
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	18	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	4	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	18	U
96-18-4-----1,2,3-Trichloropropane	18	U
764-71-0-----trans-1,4-Dichloro-2-butene	18	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

424338

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	4	J
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----Dibromomethane	11	U
4170-30-3-----Crotonaldehyde	110	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropene	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	11	U
96-12-8-----1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

425628

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y090406

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 424442

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH024442A54

Level: (low/med) LOW Date Received: 06/08/91

% Moisture: not dec. 18 Date Analyzed: 06/11/91

Column: (pack/cap) \_\_\_\_\_ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	10	J
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	33	B
67-64-1	-----Acetone	32	B
75-15-0	-----Carbon Disulfide	3	J
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	17	
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	6	J
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	2	J
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	18	U
591-78-6	-----2-Hexanone	18	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	2	J
108-90-7	-----Chlorobenzene	13	
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	8	
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	18	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	BU
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	18	U
96-18-4-----1,2,3-Trichloropropane	18	U
764-71-0-----trans-1,4-Dichloro-2-butene	18	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

424442

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y100204

Lab Name: COMPUCHEM, RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428010  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: G2R28010B54  
 Level: (low/med) LOW Date Received: 06/21/91  
 % Moisture: not dec. 13 Date Analyzed: 07/02/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	16	B
67-64-1	Acetone	17	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	2	J
74-88-4	Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	5	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----Dibromomethane	11	U
4170-30-3-----Crotonaldehyde	110	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropane	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	11	U
96-12-8-----1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y110204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 425640

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH025640B13

Level: (low/med) LOW Date Received: 06/13/91

% Moisture: not dec. 21 Date Analyzed: 06/18/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	32	B
67-64-1	Acetone	11	BJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	13	U

FORM I VOA

1/87 Rev.



107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	13	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----Dibromomethane	13	U
4170-30-3-----Crotonaldehyde	130	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-18-4-----Ethylmethacrylate	13	U
96-12-8-----1,2-Dibromo-3-chloropropane	13	U

FORM I VOA

1/87 Rev.

4 25640

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y120204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 425611

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH025611A13

Level: (low/med) LOW Date Received: 06/13/91

% Moisture: not dec. 9 Date Analyzed: 06/18/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	5	U
75-01-4	-----Vinyl Chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene Chloride	55	B
67-64-1	-----Acetone	39	B
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	180	
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	11	U
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	11	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-Dichloropropene	5	U
79-01-6	-----Trichloroethene	7	
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	5	U
10061-02-6	-----Trans-1,3-Dichloropropene	5	U
110-75-8	-----2-Chloroethylvinylether	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-Pentanone	16	U
591-78-6	-----2-Hexanone	16	U
127-18-4	-----Tetrachloroethene	4	J
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-88-3	-----Toluene	15	
108-90-7	-----Chlorobenzene	5	U
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total Xylenes	5	U
74-88-4	-----Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	99	U
107-13-1-----	Acrylonitrile	130	U
75-69-4-----	Trichlorofluoromethane	4	J
107-05-1-----	3-Chloropropene	16	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----	Dibromomethane	11	U
4170-30-3-----	Crotonaldehyde	110	U
106-93-4-----	1,2-Dibromoethane	5	U
630-20-6-----	1,1,1,2-Tetrachloroethane	5	U
764-71-0-----	cis-1,4-Dichloro-2-butene	16	U
96-18-4-----	1,2,3-Trichloropropane	16	U
764-71-0-----	trans-1,4-Dichloro-2-butene	16	U
96-18-4-----	Ethylmethacrylate	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

4 25 611

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y130204

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 426214

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH026214B54

Level: (low/med) LOW Date Received: 06/15/91

% Moisture: not dec. 19 Date Analyzed: 06/20/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	28	B
67-64-1	Acetone	9	BJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	J
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	110	U
107-13-1-----	Acrylonitrile	150	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	19	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	4	BJ
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----	Dibromomethane	12	U
4170-30-3-----	Crotonaldehyde	120	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	19	U
96-18-4-----	1,2,3-Trichloropropane	19	U
764-71-0-----	trans-1,4-Dichloro-2-butene	19	U
96-18-4-----	Ethylmethacrylate	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

A 26214

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y140406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 426241

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH026241B54

Level: (low/med) LOW Date Received: 06/15/91

% Moisture: not dec. 22 Date Analyzed: 06/20/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	13	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	13	U
75-00-3	-----Chloroethane	13	U
75-09-2	-----Methylene Chloride	19	B
67-64-1	-----Acetone	15	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	13	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	13	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	13	U
75-25-2	-----Bromoform	13	U
108-10-1	-----4-Methyl-2-Pentanone	19	U
591-78-6	-----2-Hexanone	19	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	13	U
108-88-3	-----Toluene	2	J
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	13	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	120	U
107-13-1-----	Acrylonitrile	150	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	19	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	4	BJ
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----	Dibromomethane	13	U
4170-30-3-----	Crotonaldehyde	130	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	19	U
96-18-4-----	1,2,3-Trichloropropane	19	U
764-71-0-----	trans-1,4-Dichloro-2-butene	19	U
96-18-4-----	Ethylmethacrylate	13	U
96-12-8-----	1,2-Dibromo-3-chloropropane	13	U

FORM I VOA

1/87 Rev.

426241

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y150204
-----------

b Name: COMPUCHEM, RTPContract: (2-88)-REVSLab Code: COMPUCase No.: 22255

SAS No.: \_\_\_\_\_

SDG No.: 1532Matrix: (soil/water) SOILLab Sample ID: 428000Sample wt/vol: 1.0 (g/mL) GLab File ID: GR028000C13Level: (low/med) LOWDate Received: 06/21/91% Moisture: not dec. 13Date Analyzed: 07/02/91Column: (pack/cap) CAPDilution Factor: 1.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	57	U
74-83-9	Bromomethane	29	U
75-01-4	Vinyl Chloride	57	U
75-00-3	Chloroethane	57	U
75-09-2	Methylene Chloride	94	B
67-64-1	Acetone	83	
75-15-0	Carbon Disulfide	29	U
75-35-4	1,1-Dichloroethane	29	U
75-34-3	1,1-Dichloroethane	29	U
540-59-0	1,2-Dichloroethene (total)	29	U
67-66-3	Chloroform	29	U
107-06-2	1,2-Dichloroethane	29	U
78-93-3	2-Butanone	57	U
71-55-6	1,1,1-Trichloroethane	29	U
56-23-5	Carbon Tetrachloride	29	U
108-05-4	Vinyl Acetate	57	U
75-27-4	Bromodichloromethane	29	U
78-87-5	1,2-Dichloropropane	29	U
10061-01-5	cis-1,3-Dichloropropene	29	U
79-01-6	Trichloroethene	29	U
124-48-1	Dibromochloromethane	29	U
79-00-5	1,1,2-Trichloroethane	29	U
71-43-2	Benzene	29	U
10061-02-6	Trans-1,3-Dichloropropene	29	U
110-75-8	2-Chloroethylvinylether	57	U
75-25-2	Bromoform	57	U
108-10-1	4-Methyl-2-Pentanone	86	U
591-78-6	2-Hexanone	86	U
127-18-4	Tetrachloroethene	29	U
79-34-5	1,1,2,2-Tetrachloroethane	57	U
108-88-3	Toluene	29	U
108-90-7	Chlorobenzene	270	
100-41-4	Ethylbenzene	220	
100-42-5	Styrene	29	U
1330-20-7	Total Xylenes	1200	
74-88-4	Iodomethane	57	U

FORM I VOA

1/87 Rev.

AMENDED 6/10/92



107-02-8-----Acrolein	520	U
107-13-1-----Acrylonitrile	690	U
75-69-4-----Trichlorofluoromethane	29	U
107-05-1-----3-Chloropropene	86	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	57	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	57	U
74-95-3-----Dibromomethane	57	U
4170-30-3-----Crotonaldehyde	570	U
106-93-4-----1,2-Dibromoethane	29	U
630-20-6-----1,1,1,2-Tetrachloroethane	29	U
764-71-0-----cis-1,4-Dichloro-2-butene	86	U
96-18-4-----1,2,3-Trichloropropane	86	U
764-71-0-----trans-1,4-Dichloro-2-butene	86	U
96-18-4-----Ethylmethacrylate	57	U
96-12-8-----1,2-Dibromo-3-chloropropane	57	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y160810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 426224

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH026224B54

Level: (low/med) LOW Date Received: 06/15/91

% Moisture: not dec. 21 Date Analyzed: 06/20/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	29	B
67-64-1	Acetone	25	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	13	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	4	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----Dibromomethane	13	U
4170-30-3-----Crotonaldehyde	130	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-18-4-----Ethylmethacrylate	13	U
96-12-8-----1,2-Dibromo-3-chloropropane	13	U

FORM I VOA

1/87 Rev.

426224

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y170204

Lab Name: COMPUCHEM RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 426965  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: G2R26965B54  
 Level: (low/med) LOW Date Received: 06/19/91  
 % Moisture: not dec. 14 Date Analyzed: 06/30/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	29	B
67-64-1	-----Acetone	12	U
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	17	U
591-78-6	-----2-Hexanone	17	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropane	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y180204

Lab Name: COMPUCHEM RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 426943  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR026943C13  
 Level: (low/med) LOW Date Received: 06/19/91  
 ‡ Moisture: not dec. 13 Date Analyzed: 06/27/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene Chloride	40	B
67-64-1	-----Acetone	11	U
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	11	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	11	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-Pentanone	17	U
591-78-6	-----2-Hexanone	17	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	100	U
107-13-1-----	Acrylonitrile	140	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	17	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----	Dibromomethane	11	U
4170-30-3-----	Crotonaldehyde	110	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	17	U
96-18-4-----	1,2,3-Trichloropropane	17	U
764-71-0-----	trans-1,4-Dichloro-2-butene	17	U
96-18-4-----	Ethylmethacrylate	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y191012

Lab Name: COMPUCHEM, RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 427194  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH027194C54  
 Level: (low/med) LOW Date Received: 06/20/91  
 % Moisture: not dec. 19 Date Analyzed: 06/26/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	40	
67-64-1	Acetone	8	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.



107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	J
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y200406

Lab Name: COMPUCHEM, RTP Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532

Matrix: (soil/water) SOIL Lab Sample ID: 427977

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR027977C13

Level: (low/med) LOW Date Received: 06/21/91

‡ Moisture: not dec. 13 Date Analyzed: 07/02/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene Chloride	18	B
67-64-1	-----Acetone	56	
75-15-0	-----Carbon Disulfide	2	J
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	2	J
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	2	J
78-93-3	-----2-Butanone	4	J
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	11	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	1	J
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	2	J
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-Pentanone	17	U
591-78-6	-----2-Hexanone	17	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-88-3	-----Toluene	3	J
108-90-7	-----Chlorobenzene	6	
100-41-4	-----Ethylbenzene	3	J
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	12	
74-88-4	-----Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----Dibromomethane	11	U
4170-30-3-----Crotonaldehyde	110	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropane	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	11	U
96-12-8-----1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y211214

Lab Name: COMPUCHEM RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428283  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH028283B13  
 Level: (low/med) LOW Date Received: 06/25/91  
 % Moisture: not dec. 12 Date Analyzed: 06/28/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene Chloride	29	B
67-64-1	-----Acetone	13	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	11	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	11	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-Pentanone	17	U
591-78-6	-----2-Hexanone	17	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	100	U
107-13-1-----	Acrylonitrile	140	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	17	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----	Dibromomethane	11	U
4170-30-3-----	Crotonaldehyde	110	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	17	U
96-18-4-----	1,2,3-Trichloropropane	17	U
764-71-0-----	trans-1,4-Dichloro-2-butene	17	U
96-18-4-----	Ethylmethacrylate	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y220002

Lab Name: COMPUCHEM, RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428048  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH028048A18  
 Level: (low/med) LOW Date Received: 06/22/91  
 % Moisture: not dec. 14 Date Analyzed: 06/28/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	64	B
67-64-1	-----Acetone	24	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	17	U
591-78-6	-----2-Hexanone	17	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropane	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y230204

Lab Name: COMPUCHEM RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428066  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH028066A18  
 Level: (low/med) LOW Date Received: 06/22/91  
 ‡ Moisture: not dec. 20 Date Analyzed: 06/28/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	43	
67-64-1	Acetone	18	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.



107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y240810

Lab Name: COMPUCHEM, RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428275  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH028275B13  
 Level: (low/med) LOW Date Received: 06/25/91  
 ‡ Moisture: not dec. 18 Date Analyzed: 06/28/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	28	B
67-64-1	Acetone	15	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	18	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	18	U
96-18-4-----1,2,3-Trichloropropane	18	U
764-71-0-----trans-1,4-Dichloro-2-butene	18	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y260204

Lab Name: COMPUCHEM.RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428058  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH028058A18  
 Level: (low/med) LOW Date Received: 06/22/91  
 % Moisture: not dec. 21 Date Analyzed: 06/28/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	13	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	13	U
75-00-3	-----Chloroethane	13	U
75-09-2	-----Methylene Chloride	78	B
67-64-1	-----Acetone	20	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	13	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	13	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	13	U
75-25-2	-----Bromoform	13	U
108-10-1	-----4-Methyl-2-Pentanone	19	U
591-78-6	-----2-Hexanone	19	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	13	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	13	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	13	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----Dibromomethane	13	U
4170-30-3-----Crotonaldehyde	130	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-18-4-----Ethylmethacrylate	13	U
96-12-8-----1,2-Dibromo-3-chloropropane	13	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y270406

Lab Name: COMPUCHEM.RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 428292  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH028292B13  
 Level: (low/med) LOW Date Received: 06/25/91  
 ‡ Moisture: not dec. 12 Date Analyzed: 06/28/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	25	B
67-64-1	Acetone	21	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	100	U
107-13-1-----	Acrylonitrile	140	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	17	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----	Dibromomethane	11	U
4170-30-3-----	Crotonaldehyde	110	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	17	U
96-18-4-----	1,2,3-Trichloropropane	17	U
764-71-0-----	trans-1,4-Dichloro-2-butene	17	U
96-18-4-----	Ethylmethacrylate	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-1

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1513

Matrix: (soil/water) SOIL Lab Sample ID: 424446

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH024446C13

Level: (low/med) LOW Date Received: 06/08/91

% Moisture: not dec. 16 Date Analyzed: 06/12/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	34	B
67-64-1	-----Acetone	69	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	2	J
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	18	U
591-78-6	-----2-Hexanone	18	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.



107-02-8-----	Acrolein	110	U
107-13-1-----	Acrylonitrile	140	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	18	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----	Dibromomethane	12	U
4170-30-3-----	Crotonaldehyde	120	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	18	U
96-18-4-----	1,2,3-Trichloropropane	18	U
764-71-0-----	trans-1,4-Dichloro-2-butene	18	U
96-18-4-----	Ethylmethacrylate	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

A 24446

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-1

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1520

Matrix: (soil/water) SOIL Lab Sample ID: 425214

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH025214C54

Level: (low/med) LOW Date Received: 06/12/91

% Moisture: not dec. 23 Date Analyzed: 06/14/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	58	B
67-64-1	Acetone	25	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	13	U

107-02-8-----Acrolein	120	U
107-13-1-----Acrylonitrile	160	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----Dibromomethane	13	U
4170-30-3-----Crotonaldehyde	130	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-41-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-12-8-----1,2-Dibromo-3-chloropropane	13	U
97-63-2-----Ethylmethacrylate	13	U

FORM I VOA

1/87 Rev.

425214

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-2

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1534

Matrix: (soil/water) SOIL Lab Sample ID: 426984

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR026984B18

Level: (low/med) LOW Date Received: 06/19/91

% Moisture: not dec. 8 Date Analyzed: 06/27/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	49	B
67-64-1	Acetone	11	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
110-75-8	2-Chloroethylvinylether	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U

FORM I VOA

3/90

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-2

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1534

Matrix: (soil/water) SOIL Lab Sample ID: 426984

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR026984B18

Level: (low/med) LOW Date Received: 06/19/91

% Moisture: not dec. 8 Date Analyzed: 06/27/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
1330-20-7	Total Xylenes	5	U
74-88-4	Iodomethane	11	U
107-02-8	Acrolein	98	U
107-13-1	Acrylonitrile	130	U
75-69-4	Trichlorofluoromethane	5	U
107-05-1	3-Chloropropene	16	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5	1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3	Dibromomethane	11	U
4170-30-3	Crotonaldehyde	110	U
106-93-4	1,2-Dibromosthane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
764-41-0	cis-1,4-Dichloro-2-butene	16	U
96-18-4	1,2,3-Trichloropropane	16	U
764-71-0	trans-1,4-Dichloro-2-butene	16	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
97-63-2	Ethylmethacrylate	11	U

FORM I VOA

3/90

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X-DPA

Lab Name: COMPUCHEM, RTP Contract: (2-88)-REVS  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1532  
 Matrix: (soil/water) SOIL Lab Sample ID: 429046  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH029046C54  
 Level: (low/med) LOW Date Received: 06/29/91  
 % Moisture: not dec. 13 Date Analyzed: 07/03/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	27	B
67-64-1	Acetone	40	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	2	BJ
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	25	U
100-42-5	Styrene	1	J
1330-20-7	Total Xylenes	8	U
74-88-4	Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	BJ
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----Dibromomethane	11	U
4170-30-3-----Crotonaldehyde	110	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropane	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	11	U
96-12-8-----1,2-Dibromo-3-chloropropane	11	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2SDP

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1497  
 Matrix: (soil/water) SOIL Lab Sample ID: 417283  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH017283C13  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 22 Date Analyzed: 05/15/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	30	B
67-64-1	Acetone	21	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	13	U

FORM I VOA

1/87 Rev.



107-02-8-----	Acrolein	120	U
107-13-1-----	Acrylonitrile	150	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	19	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	13	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----	Dibromomethane	13	U
4170-30-3-----	Crotonaldehyde	130	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-41-0-----	cis-1,4-Dichloro-2-butene	19	U
96-18-4-----	1,2,3-Trichloropropane	19	U
764-71-0-----	trans-1,4-Dichloro-2-butene	19	U
96-12-8-----	1,2-Dibromo-3-chloropropane	13	U
97-63-2-----	Ethylmethacrylate	13	U

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P201S

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1497  
 Matrix: (soil/water) SOIL Lab Sample ID: 417246  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: G2R17246B13  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 4 Date Analyzed: 05/21/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	5	U
75-01-4	-----Vinyl Chloride	10	U
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene Chloride	52	B
67-64-1	-----Acetone	31	B
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	5	U
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	10	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-Dichloropropene	5	U
79-01-6	-----Trichloroethene	5	U
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	5	U
10061-02-6	-----Trans-1,3-Dichloropropene	5	U
110-75-8	-----2-Chloroethylvinylether	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-Pentanone	16	U
591-78-6	-----2-Hexanone	16	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-88-3	-----Toluene	5	U
108-90-7	-----Chlorobenzene	5	U
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total Xylenes	5	U
74-88-4	-----Iodomethane	10	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	94	U
107-13-1-----	Acrylonitrile	130	U
75-69-4-----	Trichlorofluoromethane	5	U
107-05-1-----	3-Chloropropene	16	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	10	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	10	U
74-95-3-----	Dibromomethane	10	U
4170-30-3-----	Crotonaldehyde	100	U
106-93-4-----	1,2-Dibromoethane	5	U
630-20-6-----	1,1,1,2-Tetrachloroethane	5	U
764-41-0-----	cis-1,4-Dichloro-2-butene	16	U
96-18-4-----	1,2,3-Trichloropropane	16	U
764-71-0-----	trans-1,4-Dichloro-2-butene	16	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
97-63-2-----	Ethylmethacrylate	10	U

FORM I VOA

1/87 Rev.

417246

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P202S

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1497  
 Matrix: (soil/water) SOIL Lab Sample ID: 417269  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH017269C13  
 Level: (low/med) LOW Date Received: 05/08/91  
 ‡ Moisture: not dec. 29 Date Analyzed: 05/15/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	14	U
74-83-9	-----Bromomethane	7	U
75-01-4	-----Vinyl Chloride	14	U
75-00-3	-----Chloroethane	14	U
75-09-2	-----Methylene Chloride	72	B
67-64-1	-----Acetone	16	B
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethane	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	7	U
78-93-3	-----2-Butanone	14	U
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	14	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	7	U
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-Chloroethylvinylether	14	U
75-25-2	-----Bromoform	14	U
108-10-1	-----4-Methyl-2-Pentanone	21	U
591-78-6	-----2-Hexanone	21	U
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	14	U
108-88-3	-----Toluene	7	U
108-90-7	-----Chlorobenzene	7	U
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	7	U
1330-20-7	-----Total Xylenes	7	U
74-88-4	-----Iodomethane	14	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	130	U
107-13-1-----	Acrylonitrile	170	U
75-69-4-----	Trichlorofluoromethane	7	U
107-05-1-----	3-Chloropropene	21	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	14	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	14	U
74-95-3-----	Dibromomethane	14	U
4170-30-3-----	Crotonaldehyde	140	U
106-93-4-----	1,2-Dibromoethane	7	U
630-20-6-----	1,1,1,2-Tetrachloroethane	7	U
764-41-0-----	cis-1,4-Dichloro-2-butene	21	U
96-18-4-----	1,2,3-Trichloropropane	21	U
764-71-0-----	trans-1,4-Dichloro-2-butene	21	U
96-12-8-----	1,2-Dibromo-3-chloropropane	14	U
97-63-2-----	Ethylmethacrylate	14	U

FORM I VOA

1/87 Rev.

417269

LA  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P203S

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1497  
 Matrix: (soil/water) SOIL Lab Sample ID: 417204  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH017204C13  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 28 Date Analyzed: 05/15/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	7	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	44	B
67-64-1	Acetone	20	B
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	14	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-Chloroethylvinylether	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	21	U
591-78-6	2-Hexanone	21	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	U
74-88-4	Iodomethane	14	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	130	U
107-13-1-----	Acrylonitrile	170	U
75-69-4-----	Trichlorofluoromethane	7	U
107-05-1-----	3-Chloropropene	21	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	14	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	14	U
74-95-3-----	Dibromomethane	14	U
4170-30-3-----	Crotonaldehyde	140	U
106-93-4-----	1,2-Dibromoethane	7	U
630-20-6-----	1,1,1,2-Tetrachloroethane	7	U
764-41-0-----	cis-1,4-Dichloro-2-butene	21	U
96-18-4-----	1,2,3-Trichloropropane	21	U
764-71-0-----	trans-1,4-Dichloro-2-butene	21	U
96-12-8-----	1,2-Dibromo-3-chloropropane	14	U
97-63-2-----	Ethylmethacrylate	14	U

FORM I VOA

1/87 Rev.

417204

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P204S

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1497  
 Matrix: (soil/water) SOIL Lab Sample ID: 417227  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH017227C13  
 Level: (low/med) LOW Date Received: 05/08/91  
 ‡ Moisture: not dec. 21 Date Analyzed: 05/15/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	30	B
67-64-1	Acetone	20	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	13	U

FORM I VOA

1/87 Rev.



107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	13	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----Dibromomethane	13	U
4170-30-3-----Crotonaldehyde	130	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-41-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-12-8-----1,2-Dibromo-3-chloropropane	13	U
97-63-2-----Ethylmethacrylate	13	U

FORM I VOA

1/87 Rev.

417227

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P205S

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1497  
 Matrix: (soil/water) SOIL Lab Sample ID: 417238  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH017238C13  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 24 Date Analyzed: 05/15/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	7	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	44	B
67-64-1	Acetone	15	B
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-Chloroethylvinylether	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	20	U
591-78-6	2-Hexanone	20	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	U
74-88-4	Iodomethane	13	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	120	U
107-13-1-----Acrylonitrile	160	U
75-69-4-----Trichlorofluoromethane	7	U
107-05-1-----3-Chloropropene	20	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	13	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----Dibromomethane	13	U
4170-30-3-----Crotonaldehyde	130	U
106-93-4-----1,2-Dibromoethane	7	U
630-20-6-----1,1,1,2-Tetrachloroethane	7	U
764-41-0-----cis-1,4-Dichloro-2-butene	20	U
96-18-4-----1,2,3-Trichloropropane	20	U
764-71-0-----trans-1,4-Dichloro-2-butene	20	U
96-12-8-----1,2-Dibromo-3-chloropropane	13	U
97-63-2-----Ethylmethacrylate	13	U

FORM I VOA

1/87 Rev.

417238

Copy

AREA 2 Wells 1, 4

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

VOA

EPA SAMPLE NO.

P201B1416

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 09

Matrix: (soil/water) SOIL Lab Sample ID: 393945

Sample wt/vol: 5.0 (g/mL) G Lab File ID: G2R93945B12

Level: (low/med) LOW Date Received: 01/18/91

% Moisture: not dec. 20 Date Analyzed: 01/22/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	47	B✓
67-64-1	Acetone	65	B/
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	3	J✓
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	5	J✓
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	2	J✓
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	58	✓
100-41-4	Ethylbenzene	14	✓
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	10	✓
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	150	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	1	J
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

P201 B1416

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P201B1416

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 09  
 Matrix: (soil/water) SOIL Lab Sample ID: 393945  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: G2R93945B12  
 Level: (low/med) LOW Date Received: 01/18/91  
 % Moisture: not dec. 20 Date Analyzed: 01/22/91  
 Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 15

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN SUBSTITUTED BENZENE	14.82	14	J
2.	DICHLOROBENZENE	15.52	36	J
3.	DICHLOROBENZENE	15.72	40	J
4.	PROPENYLBENZENE	16.20	41	J
5.	UNKNOWN	16.60	6.2	J
6.	METHYL (METHYLETHYL) BENZENE	17.34	22	J
7.	UNKNOWN	17.55	24	J
8.	UNKNOWN	18.02	31	J
9.	TETRAMETHYLBENZENE	18.14	10	J
10.	UNKNOWN	18.37	20	J
11.	UNKNOWN SUBSTITUTED BENZENE	18.55	25	J
12.	UNKNOWN	18.87	51	J
13.	UNKNOWN PAH	19.12	46	J
14.	DIHYDRODIMETHYLINDENE + UNKN	19.57	22	J
15. 91-20-3	NAPHTHALENE	19.89	45	J

1X  
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

P202B0608

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 07

Matrix: (soil/water) SOIL Lab Sample ID: 393508

Sample wt/vol: 4.0 (g/mL) G Lab File ID: CR093508A18

Level: (low/med) MED Date Received: 01/16/91

% Moisture: not dec. 31 Date Analyzed: 01/18/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.7

Soil Extract Volume: 10000(ul) Soil Aliquot Volume: 60.0(ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	2900	U
74-83-9	-----Bromomethane	1500	U
75-01-4	-----Vinyl Chloride	2900	U
75-00-3	-----Chloroethane	2900	U
75-09-2	-----Methylene Chloride	1200	BJ'
67-64-1	-----Acetone	2900	U
75-15-0	-----Carbon Disulfide	1500	U
75-35-4	-----1,1-Dichloroethene	1500	U
75-34-3	-----1,1-Dichloroethane	1500	U
540-59-0	-----1,2-Dichloroethene (total)	1500	U
67-66-3	-----Chloroform	1500	U
107-06-2	-----1,2-Dichloroethane	1500	U
78-93-3	-----2-Butanone	2900	U
71-55-6	-----1,1,1-Trichloroethane	1500	U
56-23-5	-----Carbon Tetrachloride	1500	U
108-05-4	-----Vinyl Acetate	2900	U
75-27-4	-----Bromodichloromethane	1500	U
78-87-5	-----1,2-Dichloropropane	1500	U
10061-01-5	-----cis-1,3-Dichloropropene	1500	U
79-01-6	-----Trichloroethene	1500	U
124-48-1	-----Dibromochloromethane	1500	U
79-00-5	-----1,1,2-Trichloroethane	1500	U
71-43-2	-----Benzene	1500	U
10061-02-6	-----Trans-1,3-Dichloropropene	1500	U
110-75-8	-----2-Chloroethylvinylether	2900	U
75-25-2	-----Bromoform	2900	U
108-10-1	-----4-Methyl-2-Pentanone	4600	U
591-78-6	-----2-Hexanone	4600	U
127-18-4	-----Tetrachloroethene	1500	U
79-34-5	-----1,1,2,2-Tetrachloroethane	2900	U
108-88-3	-----Toluene	1100	J'
108-90-7	-----Chlorobenzene	60000	/
100-41-4	-----Ethylbenzene	42000	/

FORM I X-1

3/90

100-42-5-----Styrene	1500	U
1330-20-7-----Total Xylenes	59000	✓
74-88-4-----Iodomethane	2900	U
107-02-8-----Acrolein	27000	U
107-13-1-----Acrylonitrile	36000	U
75-69-4-----Trichlorofluoromethane	1500	U
107-05-1-----3-Chloropropene	4600	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	2900	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	2900	U
74-95-3-----Dibromomethane	2900	U
4170-30-3-----Crotonaldehyde	55000	
106-93-4-----1,2-Dibromoethane	1500	U
630-20-6-----1,1,1,2-Tetrachloroethane	1500	U
764-71-0-----cis-1,4-Dichloro-2-butene	4600	U
96-18-4-----1,2,3-Trichloropropane	4600	U
764-71-0-----trans-1,4-Dichloro-2-butene	4600	U
96-18-4-----Ethylmethacrylate	2900	U
96-12-8-----1,2-Dibromo-3-chloropropane	2900	U

FORM I X-2

3/90



1X  
 ORGANICS ANALYSIS DATA SHEET  
 TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

P202B0608

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 07

Matrix: (soil/water) SOIL Lab Sample ID: 393508

Sample wt/vol: 4.0 (g/mL) G Lab File ID: CR093508A18

Level: (low/med) MED Date Received: 01/16/91

% Moisture: not dec. 31 3000  
1-28-91 Date Analyzed: 01/18/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.7

Soil Extract Volume: 10000(ul) Soil Aliquot Volume: 60.0(ul)

Number TICs found: 10 CONCENTRATION UNITS:  
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRIMETHYLBENZENE	22.42	7500	J
2.	TRIMETHYLBENZENE	23.35	17000	J
3.	DICHLOROBENZENE	24.00	21000	J
4.	DICHLOROBENZENE	24.22	14000	J
5.	TRIMETHYLBENZENE	24.39	7200	J
6.	DICHLOROBENZENE	25.16	12000	J
7.	UNKNOWN HYDROCARBON	25.62	19000	J
8.	UNKNOWN	25.94	8400	J
9.	ETHYLDIMETHYLBENZENE	26.14	6900	J
10. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-METH	26.71	6600	J

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P203B1416

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 47  
 Matrix: (soil/water) SOIL Lab Sample ID: 394588  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR094588A12  
 Level: (low/med) LOW Date Received: 01/22/91  
 % Moisture: not dec. 31 Date Analyzed: 01/23/91  
 Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 7 CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	LAB. ARTIFACT	1.10	5.8	J
2.	METHYL PENTANE	3.52	30	J
3. 110-54-3	HEXANE	3.95	510	BJ
4. 96-37-7	CYCLOPENTANE, METHYL-	4.65	120	J
5.	UNKNOWN	11.37	110	J
6.	DICHLOROBENZENE	15.52	7.2	J
7.	DICHLOROBENZENE	15.72	13	J

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P204B0810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 09

Matrix: (soil/water) SOIL Lab Sample ID: 393075

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH093075B12

Level: (low/med) LOW Date Received: 01/12/91

% Moisture: not dec. 25 Date Analyzed: 01/14/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	13	U
74-83-9	-----Bromomethane	7	U
75-01-4	-----Vinyl Chloride	13	U
75-00-3	-----Chloroethane	13	U
75-09-2	-----Methylene Chloride	92	B✓
67-64-1	-----Acetone	37	B✓
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethene	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	7	U
78-93-3	-----2-Butanone	13	U
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	13	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	7	U
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-Chloroethylvinylether	13	U
75-25-2	-----Bromoform	13	U
108-10-1	-----4-Methyl-2-Pentanone	20	U
591-78-6	-----2-Hexanone	20	U
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	13	U
108-88-3	-----Toluene	7	U
108-90-7	-----Chlorobenzene	1	J✓
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	7	U
1330-20-7	-----Total Xylenes	7	U
74-88-4	-----Iodomethane	13	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	120	U
107-13-1-----	Acrylonitrile	160	U
75-69-4-----	Trichlorofluoromethane	7	U
107-05-1-----	3-Chloropropene	20	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	13	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----	Dibromomethane	13	U
4170-30-3-----	Crotonaldehyde	130	U
106-93-4-----	1,2-Dibromoethane	7	U
630-20-6-----	1,1,1,2-Tetrachloroethane	7	U
764-71-0-----	cis-1,4-Dichloro-2-butene	20	U
96-18-4-----	1,2,3-Trichloropropane	20	U
764-71-0-----	trans-1,4-Dichloro-2-butene	20	U
96-18-4-----	Ethylmethacrylate	13	U
96-12-8-----	1,2-Dibromo-3-chloropropane	13	U

FORM I VOA

1/87 Rev.

P204B0810

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P204B0810

Lab Name: COMPUCHEM, RTP Contract: 500077  
Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 09  
Matrix: (soil/water) SOIL Lab Sample ID: 393075  
Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH093075B12  
Level: (low/med) LOW Date Received: 01/12/91  
% Moisture: not dec. 25 Date Analyzed: 01/14/91  
Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	LABORATORY ARTIFACT	1.18	9.3	J

1X  
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

P205B1820

Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: 394275

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR094275C12

Level: (low/med) LOW Date Received: 01/19/91

Moisture: not dec. 23 *part 1/20/91* Date Analyzed: 01/22/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (ul) Soil Aliquot Volume: \_\_\_\_\_ (ul)

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

CAS NO. COMPOUND Q

74-87-3	-----Chloromethane	13	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	13	U
75-00-3	-----Chloroethane	13	U
75-09-2	-----Methylene Chloride	34	B
67-64-1	-----Acetone	26	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	2	J
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	13	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	13	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	13	U
75-25-2	-----Bromoform	13	U
108-10-1	-----4-Methyl-2-Pentanone	19	U
591-78-6	-----2-Hexanone	19	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	13	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	2	J
100-41-4	-----Ethylbenzene	6	U

100-42-5-----Styrene	6	U
1330-20-7-----Total Xylenes	6	U
74-88-4-----Iodomethane	13	U
107-02-8-----Acrolein	120	U
107-13-1-----Acrylonitrile	160	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	19	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	2	J
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	13	U
74-95-3-----Dibromomethane	13	U
4170-30-3-----Crotonaldehyde	130	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	19	U
96-18-4-----1,2,3-Trichloropropane	19	U
764-71-0-----trans-1,4-Dichloro-2-butene	19	U
96-18-4-----Ethylmethacrylate	13	U
96-12-8-----1,2-Dibromo-3-chloropropane	13	U

1X  
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

6  
P201B1416

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 07

Matrix: (soil/water) SOIL Lab Sample ID: 392665

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH092665C12

Level: (low/med) LOW Date Received: 01/11/91

% Moisture: not dec. 12 1.26 g Date Analyzed: 01/14/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (ul) Soil Aliquot Volume: \_\_\_\_\_ (ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene Chloride	17	B
67-64-1	-----Acetone	2300	BE
75-15-0	-----Carbon Disulfide	1	J
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	11	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	11	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	9	
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-Pentanone	17	U
591-78-6	-----2-Hexanone	17	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-88-3	-----Toluene	2	J
108-90-7	-----Chlorobenzene	120	
100-41-4	-----Ethylbenzene	76	

FORM I X-1

3/90



100-42-5-----	Styrene	6	U
1330-20-7-----	Total Xylenes	73	
74-88-4-----	Iodomethane	11	U
107-02-8-----	Acrolein	100	U
107-13-1-----	Acrylonitrile	140	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	17	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----	Dibromomethane	11	U
4170-30-3-----	Crotonaldehyde	110	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-71-0-----	cis-1,4-Dichloro-2-butene	17	U
96-18-4-----	1,2,3-Trichloropropane	17	U
764-71-0-----	trans-1,4-Dichloro-2-butene	17	U
96-18-4-----	Ethylmethacrylate	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U

1X  
ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

P201B1416

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 07

Matrix: (soil/water) SOIL Lab Sample ID: 392665

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH092665C12

Level: (low/med) LOW Date Received: 01/11/91

% Moisture: not dec. 12 <sup>3000</sup><sub>1-28-91</sub> Date Analyzed: 01/14/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (ul) Soil Aliquot Volume: \_\_\_\_\_ (ul)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	15.39	400	J
2.	UNKNOWN HYDROCARBON	15.67	680	J
3.	UNKNOWN	16.25	840	J
4.	UNKNOWN	16.47	340	J
5.	UNKNOWN HYDROCARBON	16.87	200	J
6.	UNKNOWN HYDROCARBON	17.17	230	J
7.	UNKNOWN	17.55	500	J
8.	UNKNOWN	17.95	65	J
9.	UNKNOWN	18.35	350	J
10.	UNKNOWN HYDROCARBON	18.50	260	J

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P206B1416RE

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 308

Matrix: (soil/water) SOIL Lab Sample ID: 392665

Sample wt/vol: 4.0 (g/mL) G Lab File ID: C2R92665C18

Level: (low/med) MED Date Received: 01/11/91

% Moisture: not dec. 12 Date Analyzed: 01/17/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	1400	U
74-83-9	Bromomethane	700	U
75-01-4	Vinyl Chloride	1400	U
75-00-3	Chloroethane	1400	U
75-09-2	Methylene Chloride	260	BDJ
67-64-1	Acetone	8100	D
75-15-0	Carbon Disulfide	700	U
75-35-4	1,1-Dichloroethene	700	U
75-34-3	1,1-Dichloroethane	700	U
540-59-0	1,2-Dichloroethene (total)	700	U
67-66-3	Chloroform	700	U
107-06-2	1,2-Dichloroethane	700	U
78-93-3	2-Butanone	1400	U
71-55-6	1,1,1-Trichloroethane	700	U
56-23-5	Carbon Tetrachloride	700	U
108-05-4	Vinyl Acetate	1400	U
75-27-4	Bromodichloromethane	700	U
78-87-5	1,2-Dichloropropane	700	U
10061-01-5	cis-1,3-Dichloropropene	700	U
79-01-6	Trichloroethene	700	U
124-48-1	Dibromochloromethane	700	U
79-00-5	1,1,2-Trichloroethane	700	U
71-43-2	Benzene	700	U
10061-02-6	Trans-1,3-Dichloropropene	700	U
110-75-8	2-Chloroethylvinylether	1400	U
75-25-2	Bromoform	1400	U
108-10-1	4-Methyl-2-Pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	700	U
79-34-5	1,1,2,2-Tetrachloroethane	1400	U
108-88-3	Toluene	700	U
108-90-7	Chlorobenzene	880	D
100-41-4	Ethylbenzene	480	DJ
100-42-5	Styrene	700	U
1330-20-7	Total Xylenes	240	DJ
74-88-4	Iodomethane	1400	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	12000	U
107-13-1-----Acrylonitrile	17000	U
75-69-4-----Trichlorofluoromethane	700	U
107-05-1-----3-Chloropropene	2200	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	1400	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	1400	U
74-95-3-----Dibromomethane	1400	U
4170-30-3-----Crotonaldehyde	14000	U
106-93-4-----1,2-Dibromoethane	700	U
630-20-6-----1,1,1,2-Tetrachloroethane	700	U
764-71-0-----cis-1,4-Dichloro-2-butene	2200	U
96-18-4-----1,2,3-Trichloropropane	2200	U
764-71-0-----trans-1,4-Dichloro-2-butene	2200	U
96-18-4-----Ethylmethacrylate	1400	U
96-12-8-----1,2-Dibromo-3-chloropropane	1400	U

FORM I VOA

1/87 Rev.

32665

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P206B1416RE

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 308

Matrix: (soil/water) SOIL Lab Sample ID: 392665

Sample wt/vol: 4.0 (g/mL) G Lab File ID: C2R92665C18

Level: (low/med) MED Date Received: 01/11/91

% Moisture: not dec. 12 Date Analyzed: 01/17/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 10 CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	23.29	2000	J
2.	SUBST. CYCLOHEXANE	23.95	3000	J
3.	SUBST. NAPHTHALENE	25.02	2600	J
4.	SUBST. CYCLOHEXANE	25.51	5400	J
5.	UNKNOWN	25.91	2400	J
6.	ETHYLDIMETHYLBENZENE+UNKNOWN	26.11	2100	J
7. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	26.69	4000	J
8.	SUBST. CYCLOHEXANE	27.02	2700	J
9.	SUBST. NAPHTHALENE	27.24	2300	J
10.	UNKNOWN+SUBST. NAPHTHALENE	27.69	2400	J

FORM I VOA-TIC

1/87 Rev.

1X  
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

P206B4244

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 07

Matrix: (soil/water) SOIL Lab Sample ID: 393245

Sample wt/vol: 4.0 (g/mL) G Lab File ID: C2R93245C12

Level: (low/med) MED Date Received: 01/15/91

% Moisture: not dec. 8 Date Analyzed: 01/17/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(ul) Soil Aliquot Volume: 100 (ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	1300	U
74-83-9	-----Bromomethane	670	U
75-01-4	-----Vinyl Chloride	1300	U
75-00-3	-----Chloroethane	1300	U
75-09-2	-----Methylene Chloride	240	BJ✓
67-64-1	-----Acetone	990	BJ✓
75-15-0	-----Carbon Disulfide	670	U
75-35-4	-----1,1-Dichloroethene	670	U
75-34-3	-----1,1-Dichloroethane	670	U
540-59-0	-----1,2-Dichloroethene (total)	670	U
67-66-3	-----Chloroform	670	U
107-06-2	-----1,2-Dichloroethane	670	U
78-93-3	-----2-Butanone	1300	U
71-55-6	-----1,1,1-Trichloroethane	670	U
56-23-5	-----Carbon Tetrachloride	670	U
108-05-4	-----Vinyl Acetate	1300	U
75-27-4	-----Bromodichloromethane	670	U
78-87-5	-----1,2-Dichloropropane	670	U
10061-01-5	-----cis-1,3-Dichloropropene	670	U
79-01-6	-----Trichloroethene	670	U
124-48-1	-----Dibromochloromethane	670	U
79-00-5	-----1,1,2-Trichloroethane	670	U
71-43-2	-----Benzene	670	U
10061-02-6	-----Trans-1,3-Dichloropropene	670	U
110-75-8	-----2-Chloroethylvinylether	1300	U
75-25-2	-----Bromoform	1300	U
108-10-1	-----4-Methyl-2-Pentanone	2100	U
591-78-6	-----2-Hexanone	2100	U
127-18-4	-----Tetrachloroethene	670	U
79-34-5	-----1,1,2,2-Tetrachloroethane	1300	U
108-88-3	-----Toluene	520	J✓
108-90-7	-----Chlorobenzene	200	J✓
100-41-4	-----Ethylbenzene	5300	/

FORM I X-7

3/90

100-42-5-----	Styrene	670	U
1330-20-7-----	Total Xylenes	5300	-
74-88-4-----	Iodomethane	1300	U
107-02-8-----	Acrolein	12000	U
107-13-1-----	Acrylonitrile	16000	U
75-69-4-----	Trichlorofluoromethane	670	U
107-05-1-----	3-Chloropropene	2100	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	1300	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	1300	U
74-95-3-----	Dibromomethane	1300	U
4170-30-3-----	Crotonaldehyde	13000	U
106-93-4-----	1,2-Dibromoethane	670	U
630-20-6-----	1,1,1,2-Tetrachloroethane	670	U
764-71-0-----	cis-1,4-Dichloro-2-butene	2100	U
96-18-4-----	1,2,3-Trichloropropane	2100	U
764-71-0-----	trans-1,4-Dichloro-2-butene	2100	U
96-18-4-----	Ethylmethacrylate	1300	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1300	U

FORM I X-8

3/90

1X  
ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

P206B4244

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 07

Matrix: (soil/water) SOIL Lab Sample ID: 393245

Sample wt/vol: 4.0 (g/mL) G Lab File ID: C2R93245C12

Level: (low/med) MED Date Received: 01/15/91

% Moisture: not dec. 9 <sup>3.00</sup><sub>1.23-2.1</sub> Date Analyzed: 01/17/91

GC Column: CAP ID: \_\_\_\_\_ (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(ul) Soil Aliquot Volume: 100 (ul)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ETHYLMETHYLBENZENE	14.34	7900	J
2.	TRIMETHYLBENZENE	15.15	4500	J
3.	ETHENYLMETHYLBENZENE	16.17	7200	J
4.	UNKNOWN HYDROCARBON	16.55	12000	J
5.	ETHYLDIMETHYLBENZENE	17.27	2700	J
6.	ETHENYLDIMETHYLBENZENE	17.64	3400	J
7.	UNKNOWN HYDROCARBON	18.49	2200	J
8.	UNKNOWN	18.90	5700	J
9.	UNKNOWN	19.07	4600	J
10. 275-51-4	AZULENE	19.85	33000	J



COPY

Area II Well 7 10A

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P207B0608

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 32

Matrix: (soil/water) SOIL Lab Sample ID: 393785

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH093785A12

Level: (low/med) LOW Date Received: 01/17/91

% Moisture: not dec. 37 Date Analyzed: 01/18/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	16	U
74-83-9	Bromomethane	8	U
75-01-4	Vinyl Chloride	16	U
75-00-3	Chloroethane	16	U
75-09-2	Methylene Chloride	26	B/
67-64-1	Acetone	54	B/
75-15-0	Carbon Disulfide	8	U
75-35-4	1,1-Dichloroethene	8	U
75-34-3	1,1-Dichloroethane	8	U
540-59-0	1,2-Dichloroethene (total)	8	U
67-66-3	Chloroform	8	U
107-06-2	1,2-Dichloroethane	8	U
78-93-3	2-Butanone	7	BJ/
71-55-6	1,1,1-Trichloroethane	8	U
56-23-5	Carbon Tetrachloride	8	U
108-05-4	Vinyl Acetate	16	U
75-27-4	Bromodichloromethane	8	U
78-87-5	1,2-Dichloropropane	8	U
10061-01-5	cis-1,3-Dichloropropene	8	U
79-01-6	Trichloroethene	8	U
124-48-1	Dibromochloromethane	8	U
79-00-5	1,1,2-Trichloroethane	8	U
71-43-2	Benzene	5	J/
10061-02-6	Trans-1,3-Dichloropropene	8	U
110-75-8	2-Chloroethylvinylether	16	U
75-25-2	Bromoform	16	U
108-10-1	4-Methyl-2-Pentanone	24	U
591-78-6	2-Hexanone	24	U
127-18-4	Tetrachloroethene	8	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
108-88-3	Toluene	7	J/
108-90-7	Chlorobenzene	220	/
100-41-4	Ethylbenzene	24	/
100-42-5	Styrene	8	U
1330-20-7	Total Xylenes	31	/
74-88-4	Iodomethane	16	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	140	U
107-13-1-----	Acrylonitrile	190	U
75-69-4-----	Trichlorofluoromethane	8	U
107-05-1-----	3-Chloropropene	24	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	16	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	16	U
74-95-3-----	Dibromomethane	16	U
4170-30-3-----	Crotonaldehyde	160	U
106-93-4-----	1,2-Dibromoethane	8	U
630-20-6-----	1,1,1,2-Tetrachloroethane	8	U
764-71-0-----	cis-1,4-Dichloro-2-butene	24	U
96-18-4-----	1,2,3-Trichloropropane	24	U
764-71-0-----	trans-1,4-Dichloro-2-butene	24	U
96-18-4-----	Ethylmethacrylate	16	U
96-12-8-----	1,2-Dibromo-3-chloropropane	16	U

FORM I VOA

1/87 Rev.

P207 B0608

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P207B0608RE

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 32  
 Matrix: (soil/water) SOIL Lab Sample ID: 393785  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR093785B12  
 Level: (low/med) LOW Date Received: 01/17/91  
 % Moisture: not dec. 37 Date Analyzed: 01/18/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	16	U
74-83-9	-----Bromomethane	8	U
75-01-4	-----Vinyl Chloride	16	U
75-00-3	-----Chloroethane	16	U
75-09-2	-----Methylene Chloride	39	B
67-64-1	-----Acetone	66	B
75-15-0	-----Carbon Disulfide	8	U
75-35-4	-----1,1-Dichloroethene	8	U
75-34-3	-----1,1-Dichloroethane	8	U
540-59-0	-----1,2-Dichloroethene (total)	8	U
67-66-3	-----Chloroform	8	U
107-06-2	-----1,2-Dichloroethane	8	U
78-93-3	-----2-Butanone	12	BJ
71-55-6	-----1,1,1-Trichloroethane	8	U
56-23-5	-----Carbon Tetrachloride	8	U
108-05-4	-----Vinyl Acetate	16	U
75-27-4	-----Bromodichloromethane	8	U
78-87-5	-----1,2-Dichloropropane	8	U
10061-01-5	-----cis-1,3-Dichloropropene	8	U
79-01-6	-----Trichloroethene	8	U
124-48-1	-----Dibromochloromethane	8	U
79-00-5	-----1,1,2-Trichloroethane	8	U
71-43-2	-----Benzene	4	J
10061-02-6	-----Trans-1,3-Dichloropropene	8	U
110-75-8	-----2-Chloroethylvinylether	16	U
75-25-2	-----Bromoform	16	U
108-10-1	-----4-Methyl-2-Pentanone	24	U
591-78-6	-----2-Hexanone	24	U
127-18-4	-----Tetrachloroethene	8	U
79-34-5	-----1,1,2,2-Tetrachloroethane	16	U
108-88-3	-----Toluene	2	J
108-90-7	-----Chlorobenzene	260	
100-41-4	-----Ethylbenzene	11	
100-42-5	-----Styrene	8	U
1330-20-7	-----Total Xylenes	18	
74-88-4	-----Iodomethane	16	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	140	U
107-13-1-----	Acrylonitrile	190	U
75-69-4-----	Trichlorofluoromethane	8	U
107-05-1-----	3-Chloropropene	24	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	16	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	16	U
74-95-3-----	Dibromomethane	16	U
4170-30-3-----	Crotonaldehyde	160	U
106-93-4-----	1,2-Dibromoethane	8	U
630-20-6-----	1,1,1,2-Tetrachloroethane	8	U
764-71-0-----	cis-1,4-Dichloro-2-butene	24	U
96-18-4-----	1,2,3-Trichloropropane	24	U
764-71-0-----	trans-1,4-Dichloro-2-butene	24	U
96-18-4-----	Ethylmethacrylate	16	U
96-12-8-----	1,2-Dibromo-3-chloropropane	16	U

FORM I VOA

1/87 Rev.

P207 B0608 RE

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P207B0608

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 32  
 Matrix: (soil/water) SOIL Lab Sample ID: 393785  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH093785A12  
 Level: (low/med) LOW Date Received: 01/17/91  
 % Moisture: not dec. 37 Date Analyzed: 01/18/91  
 Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 10 CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	13.89	54	J
2.	ETHYLMETHYLBENZENE	14.34	48	J
3.	UNKNOWN	14.50	44	J
4.	TRIMETHYLBENZENE	15.15	60	J
5.	UNKNOWN HYDROCARBON	15.39	71	J
6.	DICHLOROBENZENE	15.72	89	J
7.	UNKNOWN ALKENYL BENZENE	16.20	120	J
8.	UNKNOWN	16.49	44	J
9.	ETHYLDIMETHYLBENZENE	17.34	37	J
10.	UNKNOWN CYCLIC HYDROCARBON	17.55	56	J

FORM I VOA-TIC

1/87 Rev.

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P207B0608RE

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 32  
 Matrix: (soil/water) SOIL Lab Sample ID: 393785  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR093785B12  
 Level: (low/med) LOW Date Received: 01/17/91  
 % Moisture: not dec. 37 Date Analyzed: 01/18/91  
 Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 10 CONCENTRATION UNITS:  
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ETHYLMETHYLBENZENE	14.35	22	J
2.	UNKNOWN	14.50	22	J
3.	ETHYLMETHYLBENZENE	14.80	25	J
4.	TRIMETHYLBENZENE	15.15	38	J
5.	UNKNOWN HYDROCARBON	15.39	30	J
6.	DICHLOROBENZENE	15.72	59	J
7.	UNKNOWN ALKENYL BENZENE	16.20	63	J
8.	UNKNOWN	16.47	22	J
9.	UNKNOWN	17.55	40	J
10.	UNKNOWN	17.92	46	J

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG02B002

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 26

Matrix: (soil/water) SOIL Lab Sample ID: 456974

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH056974B18

Level: (low/med) LOW Date Received: 10/23/91

% Moisture: not dec. 15 Date Analyzed: 11/01/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	50	B
67-64-1	Acetone	15	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	110	U
107-13-1-----	Acrylonitrile	140	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	18	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----	Dibromomethane	12	U
4170-30-3-----	Crotonaldehyde	120	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-41-0-----	cis-1,4-Dichloro-2-butene	18	U
96-18-4-----	1,2,3-Trichloropropane	18	U
764-71-0-----	trans-1,4-Dichloro-2-butene	18	U
96-18-4-----	Ethylmethacrylate	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
97-63-2-----	Ethylmethacrylate	12	U

FORM I VOA

1/87 Rev.



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG03B0810

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 26  
 Matrix: (soil/water) SOIL Lab Sample ID: 457849  
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH057849C13  
 Level: (low/med) LOW Date Received: 10/25/91  
 % Moisture: not dec. 16 Date Analyzed: 11/04/91  
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	44	B
67-64-1	Acetone	68	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	18	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-41-0-----cis-1,4-Dichloro-2-butene	18	U
96-18-4-----1,2,3-Trichloropropane	18	U
764-71-0-----trans-1,4-Dichloro-2-butene	18	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U
97-63-2-----Ethylmethacrylate	12	U

457049

FORM I VOA

1/87 Rev.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG04B1012

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1520

Matrix: (soil/water) SOIL Lab Sample ID: 425199

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH025199C54

Level: (low/med) LOW Date Received: 06/12/91

% Moisture: not dec. 17 Date Analyzed: 06/14/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	34	B
67-64-1	Acetone	38	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	110	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	18	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	3	BU
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-41-0-----cis-1,4-Dichloro-2-butene	18	U
96-18-4-----1,2,3-Trichloropropane	18	U
764-71-0-----trans-1,4-Dichloro-2-butene	18	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U
97-63-2-----Ethylmethacrylate	12	U

FORM I VOA

1/87 Rev.

425197

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG04B2022

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 2765

Matrix: (soil/water) SOIL Lab Sample ID: 422979

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH022979C13

Level: (low/med) LOW Date Received: 05/31/91

% Moisture: not dec. 14 Date Analyzed: 06/06/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	44	B
67-64-1	-----Acetone	22	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	17	U
591-78-6	-----2-Hexanone	17	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----Acrolein	100	U
107-13-1-----Acrylonitrile	140	U
75-69-4-----Trichlorofluoromethane	6	U
107-05-1-----3-Chloropropene	17	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----Dibromomethane	12	U
4170-30-3-----Crotonaldehyde	120	U
106-93-4-----1,2-Dibromoethane	6	U
630-20-6-----1,1,1,2-Tetrachloroethane	6	U
764-71-0-----cis-1,4-Dichloro-2-butene	17	U
96-18-4-----1,2,3-Trichloropropane	17	U
764-71-0-----trans-1,4-Dichloro-2-butene	17	U
96-18-4-----Ethylmethacrylate	12	U
96-12-8-----1,2-Dibromo-3-chloropropane	12	U

FORM I VOA

1/87 Rev.

422979

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG16B0406

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 26

Matrix: (soil/water) SOIL Lab Sample ID: 456986

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR056986B13

Level: (low/med) LOW Date Received: 10/23/91

% Moisture: not dec. 10 Date Analyzed: 11/05/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	93	B
67-64-1	Acetone	28	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	4	J
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	1	J
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	3	J
74-88-4	Iodomethane	11	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	100	U
107-13-1-----	Acrylonitrile	130	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	17	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	11	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	11	U
74-95-3-----	Dibromomethane	11	U
4170-30-3-----	Crotonaldehyde	110	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-41-0-----	cis-1,4-Dichloro-2-butene	17	U
96-18-4-----	1,2,3-Trichloropropane	17	U
764-71-0-----	trans-1,4-Dichloro-2-butene	17	U
96-18-4-----	Ethylmethacrylate	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	2	BJ
97-63-2-----	Ethylmethacrylate	11	U

456 986

FORM I VOA

1/87 Rev.



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-V1

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 26

Matrix: (soil/water) SOIL Lab Sample ID: 456991

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR056991B13

Level: (low/med) LOW Date Received: 10/23/91

% Moisture: not dec. 16 Date Analyzed: 11/05/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	6	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	53	B
67-64-1	-----Acetone	21	B
75-15-0	-----Carbon Disulfide	6	U
75-35-4	-----1,1-Dichloroethene	6	U
75-34-3	-----1,1-Dichloroethane	6	U
540-59-0	-----1,2-Dichloroethene (total)	6	U
67-66-3	-----Chloroform	6	U
107-06-2	-----1,2-Dichloroethane	6	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	U
75-27-4	-----Bromodichloromethane	6	U
78-87-5	-----1,2-Dichloropropane	6	U
10061-01-5	-----cis-1,3-Dichloropropene	6	U
79-01-6	-----Trichloroethene	6	U
124-48-1	-----Dibromochloromethane	6	U
79-00-5	-----1,1,2-Trichloroethane	6	U
71-43-2	-----Benzene	6	U
10061-02-6	-----Trans-1,3-Dichloropropene	6	U
110-75-8	-----2-Chloroethylvinylether	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-Pentanone	18	U
591-78-6	-----2-Hexanone	18	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-88-3	-----Toluene	6	U
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	6	U
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	6	U
74-88-4	-----Iodomethane	12	U

FORM I VOA

1/87 Rev.

107-02-8-----	Acrolein	110	U
107-13-1-----	Acrylonitrile	140	U
75-69-4-----	Trichlorofluoromethane	6	U
107-05-1-----	3-Chloropropene	18	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5-----	1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3-----	Dibromomethane	12	U
4170-30-3-----	Crotonaldehyde	120	U
106-93-4-----	1,2-Dibromoethane	6	U
630-20-6-----	1,1,1,2-Tetrachloroethane	6	U
764-41-0-----	cis-1,4-Dichloro-2-butene	18	U
96-18-4-----	1,2,3-Trichloropropane	18	U
764-71-0-----	trans-1,4-Dichloro-2-butene	18	U
96-18-4-----	Ethylmethacrylate	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
97-63-2-----	Ethylmethacrylate	12	U

456991

FORM I VOA

1/87 Rev.



## **Section 2**

**SEMIVOLATILES ORGANICS ANALYSIS (SOIL)**

- P2X010204 - Soil sample from boring X-1 at 2 to 4 feet depth
- P2X040406 - Soil sample from boring X-4 at 4 to 6 feet depth
- P2X050810 - Soil sample from boring X-5 at 8 to 10 feet depth
- P2X060406 - Soil sample from boring X-6 at 4 to 6 feet depth
- P2X070608 - Soil sample from boring X-7 at 6 to 8 feet depth
- P2X080204 - Soil sample from boring X-8 at 2 to 4 feet depth
- P2X090810 - Soil sample from boring X-9 at 8 to 10 feet depth
- P2X100204 - Soil sample from boring X-10 at 2 to 4 feet depth
- P2X110406 - Soil sample from boring X-11 at 4 to 6 feet depth
- P2X120810 - Soil sample from boring X-12 at 8 to 10 feet depth
- P2X130002 - Soil sample from boring X-13 at 0 to 2 feet depth
- P2X140406 - Soil sample from boring X-14 at 4 to 6 feet depth
- P2X150810 - Soil sample from boring X-15 at 8 to 10 feet depth
- P2X160810 - Soil sample from boring X-16 at 8 to 10 feet depth
- P2X170002 - Soil sample from boring X-17 at 0 to 2 feet depth
- P2X181416 - Soil sample from boring X-18 at 14 to 16 feet depth
- P2X190810 - Soil sample from boring X-19 at 8 to 10 feet depth
- P2X201012 - Soil sample from boring X-20 at 10 to 12 feet depth
- P201S - Surficial soil sample from Location 201S
- P202S - Surficial soil sample from Location 202S
- P203S - Surficial soil sample from Location 203S
- P204S - Surficial soil sample from Location 204S
- P205S - Surficial soil sample from Location 205S
- P201B1416 - Soil sample from boring ES2-1 at 14 to 16 feet depth
- P202B0608 - Soil sample from boring ES2-2 at 6 to 8 feet depth
- P203B1416 - Soil sample from boring ES2-3 at 14 to 16 feet depth

SEMIVOLATILES ORGANICS ANALYSIS (SOIL)  
(Cont'd)

P204B0810 - Soil sample from boring ES2-4 at 8 to 10 feet depth  
P205B1820 - Soil sample from boring ES2-5 at 18 to 20 feet depth  
P206B1416 - Soil sample from boring ES2-6 at 14 to 16 feet depth.  
P206B4244 - Soil sample from boring ES2-6 at 42 to 44 feet depth  
P207B0608 - Soil sample from boring ES2-7 at 6 to 8 feet depth  
P2Y010810 - Soil sample from boring Y-1 at 8 to 10 feet depth  
P2Y020608 - Soil sample from boring Y-2 at 6 to 8 feet depth  
P2Y030810 - Soil sample from boring Y-3 at 8 to 10 feet depth  
P2Y040406 - Soil sample from boring Y-4 at 4 to 6 feet depth  
P2Y050406 - Soil sample from boring Y-5 at 4 to 6 feet depth  
P2Y060406 - Soil sample from boring Y-6 at 4 to 6 feet depth  
P2Y070406 - Soil sample from boring Y-7 at 4 to 6 feet depth  
P2Y080204 - Soil sample from boring Y-8 at 2 to 4 feet depth  
P2Y090406 - Soil sample from boring Y-9 at 4 to 6 feet depth  
P2Y100204 - Soil sample from boring Y-10 at 2 to 4 feet depth  
P2Y110204 - Soil sample from boring Y-11 at 2 to 4 feet depth  
P2Y120204 - Soil sample from boring Y-12 at 2 to 4 feet depth  
P2Y130204 - Soil sample from boring Y-13 at 2 to 4 feet depth  
P2Y140406 - Soil sample from boring Y-14 at 4 to 6 feet depth  
P2Y150204 - Soil sample from boring Y-15 at 2 to 4 feet depth  
P2Y160810 - Soil sample from boring Y-16 at 8 to 10 feet depth  
P2Y170204 - Soil sample from boring Y-17 at 2 to 4 feet depth  
P2Y180204 - Soil sample from boring Y-18 at 2 to 4 feet depth  
P2Y191012 - Soil sample from boring Y-19 at 10 to 12 feet depth  
P2Y200406 - Soil sample from boring Y-20 at 4 to 6 feet depth  
P2Y211214 - Soil sample from boring Y-21 at 12 to 14 feet depth

**SEMIVOLATILES ORGANICS ANALYSIS (SOIL)**

(Cont'd)

- P2Y220002 - Soil sample from boring Y-22 at 0 to 2 feet depth
- P2Y230204 - Soil sample from boring Y-23 at 2 to 4 feet depth
- P2Y240810 - Soil sample from boring Y-24 at 8 to 10 feet depth
- P2Y260204 - Soil sample from boring Y-26 at 2 to 4 feet depth
- P2Y270406 - Soil sample from boring Y-27 at 4 to 6 feet depth
- DP-1 (424490) - Soil sample from boring Y-2 at 6 to 8 feet depth (Duplicate)
- DP-1 (425218) - Soil sample from boring RF-4 at 10 to 12 feet depth (Duplicate)
- DP-2 - Soil sample from boring Y-18 at 2 to 4 feet depth (Duplicate)
- P2X-DPA - Soil sample from boring X-8 at 2 to 4 feet depth (Duplicate)
- P2SDP - Surficial soil sample from Location 202S (Duplicate)
- PG02B1214 - Soil sample from boring RF-1 at 12 to 14 feet depth
- PG02B0002 - Soil sample from boring RF-2 at 0 to 2 feet depth
- PG03B0810 - Soil sample from boring RF-3 at 8 to 10 feet depth
- PG04B1012 - Soil sample from boring RF-4 at 10 to 12 feet depth
- PG16B0406 - Soil sample from boring RF-16 at 4 to 6 feet depth
- DP-V1 - Soil sample from boring RF-16 at 4 to 6 feet depth (Duplicate)

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X010204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429965

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2D29965B06

Level: (low/med) LOW Date Received: 07/05/91

% Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9-----N-Nitrosodimethylamine_____	6100	U
110-86-1-----Pyridine_____	6100	U
97-63-2-----Ethyl methacrylate_____	6100	U
123-63-7-----Paraldehyde_____	6100	U
109-06-8-----2-Picoline_____	12000	U
10595-95-6-----Nitrosomethylethylamine_____	6100	U
66-27-3-----Methyl methanesulfonate_____	6100	U
108-95-2-----Phenol_____	2200	J
55-18-5-----N-Nitrosodiethylamine_____	6100	U
62-50-0-----Ethyl methanesulfonate_____	6100	U
62-53-3-----Aniline_____	940	J
76-01-7-----Pentachloroethane_____	6100	U
111-44-4-----bis(2-Chloroethyl)Ether_____	12000	U
95-57-8-----2-Chlorophenol_____	950	J
541-73-1-----1,3-Dichlorobenzene_____	2400	J
106-46-7-----1,4-Dichlorobenzene_____	6200	
100-51-6-----Benzyl Alcohol_____	6100	U
95-50-1-----1,2-Dichlorobenzene_____	1600	J
95-48-7-----2-Methylphenol_____	6100	U
39638-32-9-----bis(2-Chloroisopropyl)Ether_____	6100	U
108-39-4-----3-Methylphenol_____	6100	U
106-44-5-----4-Methylphenol_____	6100	U
930-55-2-----N-Nitrosopyrrolidine_____	6100	U
59-89-2-----N-Nitrosomorpholine_____	6100	U
98-86-2-----Acetophenone_____	6100	U
621-64-7-----N-Nitroso-Di-n-Propylamine_____	960	J
636-21-5-----o-Toluidine hydrochloride_____	6100	U
67-72-1-----Hexachloroethane_____	6100	U
98-95-3-----Nitrobenzene_____	6100	U
100-75-4-----N-Nitrosopiperidine_____	6100	U
78-59-1-----Isophorone_____	6100	U
88-75-5-----2-Nitrophenol_____	6100	U
105-67-9-----2,4-Dimethylphenol_____	6100	U
108-70-3-----1,3,5-Trichlorobenzene_____	990	J

FORM I SV-1

1/87 Rev.

91-80-5-----Methapyrilene	12000	U
50-18-0-----Cyclophosphamide	30000	U
206-44-0-----Fluoranthene	5300	J
92-87-5-----Benzidine	6100	U
129-00-0-----Pyrene	6900	
60-11-7-----p-Dimethylaminoazobenzene	6100	U
510-15-6-----Chlorobenzilate	6100	U
119-93-7-----3,3'-Dimethylbenzidine	12000	U
85-68-7-----Butylbenzylphthalate	6100	U
53-96-3-----2-Acetylaminofluorene	6100	U
101-14-4-----Methylene-bis(2-Chloroaniline	6100	U
91-94-1-----3,3'-Dichlorobenzidine	6100	U
106-51-4-----3,3'-Dimethoxybenzidine	6100	U
56-55-3-----Benzo(a)Anthracene	2600	J
218-01-9-----Chrysene	2500	J
117-81-7-----bis(2-Ethylhexyl)Phthalate	640	J
117-84-0-----Di-n-Octyl Phthalate	6100	U
205-99-2-----Benzo(b)Fluoranthene	4400	JX
57-97-6-----7,12-Dimethylbenzanthracene	6100	U
207-08-9-----Benzo(k)Fluoranthene	4400	JX
50-32-8-----Benzo(a)Pyrene	1900	J
56-49-5-----3-Methylcholanthrene	6100	U
224-42-0-----Dibenzo(a,j)acridine	6100	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	6100	U
53-70-3-----Dibenz(a,h)Anthracene	6100	U
191-24-2-----Benzo(g,h,i)Perylene	6100	U

(1) - Cannot be separated from Diphenylamine

4 29965

FORM I SV-3

1/87 Rev.



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X010204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429965

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2D29965B06

Level: (low/med) LOW Date Received: 07/05/91

% Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	12000	U
83-32-9-----	Acenaphthene	1800	J
51-28-5-----	2,4-Dinitrophenol	24000	U
100-02-7-----	4-Nitrophenol	6100	U
132-64-9-----	Dibenzofuran	720	J
121-14-2-----	2,4-Dinitrotoluene	6100	U
608-93-5-----	Pentachlorobenzene	2600	J
91-59-8-----	2-Naphthylamine	12000	U
606-20-2-----	2,6-Dinitrotoluene	6100	U
134-32-7-----	1-Naphthylamine	12000	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	12000	U
84-66-2-----	Diethylphthalate	6100	U
297-97-2-----	Zinophos	6100	U
7005-72-3-----	4-Chlorophenyl-phenylether	6100	U
86-73-7-----	Fluorene	1200	J
100-01-6-----	4-Nitroaniline	12000	U
99-55-8-----	5-Nitro-o-toluidine	12000	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	18000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	6100	U
122-39-4-----	Diphenylamine	6100	U
99-35-4-----	1,3,5-Trinitrobenzene	12000	U
122-66-7-----	1,2-Diphenylhydrazine	6100	U
62-44-2-----	Phenacetin	6100	U
101-55-3-----	4-Bromophenyl-phenylether	6100	U
2303-16-4-----	Diallate	6100	U
60-51-5-----	Dimethoate	6100	U
118-74-1-----	Hexachlorobenzene	6100	U
92-67-1-----	4-Aminobiphenyl	6100	U
23950-58-5-----	Pronamide	6100	U
87-86-5-----	Pentachlorophenol	12000	U
82-68-8-----	Pentachloronitrobenzene	6100	U
85-01-8-----	Phenanthrene	6100	U
120-12-7-----	Anthracene	2000	J
84-74-2-----	Di-n-Butylphthalate	2800	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

98-87-3-----Benzal Chloride	6100	U
65-85-0-----Benzoic Acid	61000	U
111-91-1-----bis(2-Chloroethoxy)Methane	6100	U
120-83-2-----2,4-Dichlorophenol	6100	U
120-82-1-----1,2,4-Trichlorobenzene	2400	J
91-20-3-----Naphthalene	740	J
106-47-8-----4-Chloroaniline	6100	U
87-65-0-----2,6-Dichlorophenol	12000	U
95-54-5-----o-Phenylenediamine	6100	U
122-09-8-----dimethylphenylethylamine	6100	U
1888-71-7-----Hexachloropropene	6100	U
87-68-3-----Hexachlorobutadiene	6100	U
87-61-6-----1,2,3-Trichlorobenzene	880	J
98-07-7-----Benzotrichloride	12000	U
924-16-3-----N-Nitroso-di-n-butylamine	6100	U
59-50-7-----4-Chloro-3-Methylphenol	6100	U
106-50-3-----P-Phenylenediamine	6100	U
94-59-7-----Safrole	6100	U
106-50-3-----m-Phenylenediamine	6100	U
91-57-6-----2-Methylnaphthalene	6100	U
90-12-0-----1-Methylnaphthalene	880	J
95-94-3-----1,2,4,5-Tetrachlorobenzene	6100	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	6100	U
77-47-4-----Hexachlorocyclopentadiene	6100	U
88-06-2-----2,4,6-Trichlorophenol	12000	U
95-95-4-----2,4,5-Trichlorophenol	12000	U
120-58-1-----Isosafrole	12000	U
91-58-7-----2-Chloronaphthalene	6100	U
90-13-1-----1-Chloronaphthalene	6100	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	5800	J
88-74-4-----2-Nitroaniline	6100	U
130-15-4-----1,4-Naphthoquinone	12000	U
100-25-4-----1,4-Dinitrobenzene	12000	U
131-11-3-----Dimethyl Phthalate	6100	U
208-96-8-----Acenaphthylene	6100	U

429965

FORM I SV-1

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X040406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428871  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD028871A22  
 Level: (low/med) LOW Date Received: 06/28/91  
 % Moisture: not dec. 10 dec. \_\_\_\_\_ Date Extracted: 07/01/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	N-Nitrosodimethylamine	1800	U
110-86-1	Pyridine	1800	U
97-63-2	Ethyl methacrylate	1800	U
123-63-7	Paraldehyde	1800	U
109-06-8	2-Picoline	3600	U
10595-95-6	Nitrosomethylethylamine	1800	U
66-27-3	Methyl methanesulfonate	1800	U
108-95-2	Phenol	5800	
55-18-5	N-Nitrosodiethylamine	1800	U
62-50-0	Ethyl methanesulfonate	1800	U
62-53-3	Aniline	17000	
76-01-7	Pentachloroethane	1800	U
111-44-4	bis(2-Chloroethyl) Ether	3600	U
95-57-8	2-Chlorophenol	1800	U
541-73-1	1,3-Dichlorobenzene	5200	
106-46-7	1,4-Dichlorobenzene	14000	
100-51-6	Benzyl Alcohol	1800	U
95-50-1	1,2-Dichlorobenzene	540	J
95-48-7	2-Methylphenol	520	J
39638-32-9	bis(2-Chloroisopropyl) Ether	1800	U
108-39-4	3-Methylphenol	1900	X
106-44-5	4-Methylphenol	1900	X
930-55-2	N-Nitrosopyrrolidine	1800	U
59-89-2	N-Nitrosomorpholine	1800	U
98-86-2	Acetophenone	1800	U
621-64-7	N-Nitroso-Di-n-Propylamine	1800	U
636-21-5	o-Toluidine hydrochloride	1800	U
67-72-1	Hexachloroethane	1800	U
98-95-3	Nitrobenzene	1800	U
100-75-4	N-Nitrosopiperidine	1800	U
78-59-1	Isophorone	1800	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	1100	J
108-70-3	1,3,5-Trichlorobenzene	1100	J

FORM I SV-1

1/87 Rev.

98-87-3-----	Benzal Chloride	1800	U
65-85-0-----	Benzoic Acid	18000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	1800	U
120-83-2-----	2,4-Dichlorophenol	1800	U
120-82-1-----	1,2,4-Trichlorobenzene	9400	
91-20-3-----	Naphthalene	2200	
106-47-8-----	4-Chloroaniline	1800	U
87-65-0-----	2,6-Dichlorophenol	3600	U
95-54-5-----	o-Phenylenediamine	1800	U
122-09-8-----	dimethylphenylethylamine	1800	U
1888-71-7-----	Hexachloropropene	1800	U
87-68-3-----	Hexachlorobutadiene	1800	U
87-61-6-----	1,2,3-Trichlorobenzene	1800	U
98-07-7-----	Benzotrichloride	3600	U
924-16-3-----	N-Nitroso-di-n-butylamine	1800	U
59-50-7-----	4-Chloro-3-Methylphenol	1800	U
106-50-3-----	p-Phenylenediamine	1800	U
94-59-7-----	Safrole	1800	U
106-50-3-----	m-Phenylenediamine	1800	U
91-57-6-----	2-Methylnaphthalene	470	J
90-12-0-----	1-Methylnaphthalene	650	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	1100	JX
634-90-2-----	1,2,3,5-Tetrachlorobenzene	1100	JX
77-47-4-----	Hexachlorocyclopentadiene	1800	U
88-06-2-----	2,4,6-Trichlorophenol	3600	U
95-95-4-----	2,4,5-Trichlorophenol	3600	U
120-58-1-----	Isosafrole	3600	U
91-58-7-----	2-Chloronaphthalene	1800	U
90-13-1-----	1-Chloronaphthalene	1800	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	9800	
88-74-4-----	2-Nitroaniline	1800	U
130-15-4-----	1,4-Naphthoquinone	3600	U
100-25-4-----	1,4-Dinitrobenzene	3600	U
131-11-3-----	Dimethyl Phthalate	1800	U
208-96-8-----	Acenaphthylene	360	J

FORM I SV-1

1/87 Rev.

428871

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X040406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428871  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD028871A22  
 Level: (low/med) LOW Date Received: 06/28/91  
 % Moisture: not dec. 10 dec. \_\_\_\_\_ Date Extracted: 07/01/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 5.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3600	U
83-32-9	Acenaphthene	810	J
51-28-5	2,4-Dinitrophenol	7100	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	780	J
121-14-2	2,4-Dinitrotoluene	1800	U
608-93-5	Pentachlorobenzene	2600	
91-59-8	2-Naphthylamine	3600	U
606-20-2	2,6-Dinitrotoluene	1800	U
134-32-7	1-Naphthylamine	3600	U
58-90-2	2,3,4,6-Tetrachlorophenol	3600	U
84-66-2	Diethylphthalate	1800	U
297-97-2	Zinophos	1800	U
7005-72-3	4-Chlorophenyl-phenylether	1800	U
86-73-7	Fluorene	1500	J
100-01-6	4-Nitroaniline	3600	U
99-55-8	5-Nitro-o-toluidine	3600	U
534-52-1	4,6-Dinitro-2-Methylphenol	5400	U
86-30-6	N-Nitrosodiphenylamine (1)	1800	U
122-39-4	Diphenylamine	1800	U
99-35-4	1,3,5-Trinitrobenzene	3600	U
122-66-7	1,2-Diphenylhydrazine	1800	U
62-44-2	Phenacetin	1800	U
101-55-3	4-Bromophenyl-phenylether	1800	U
2303-16-4	Diallate	1800	U
60-51-5	Dimethoate	1800	U
118-74-1	Hexachlorobenzene	1800	U
92-67-1	4-Aminobiphenyl	1800	U
23950-58-5	Pronamide	1800	U
87-86-5	Pentachlorophenol	3600	U
82-68-8	Pentachloronitrobenzene	1800	U
85-01-8	Phenanthrene	6500	
120-12-7	Anthracene	1500	J
84-74-2	Di-n-Butylphthalate	4100	

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	3600	U
50-18-0-----Cyclophosphamide	8800	U
206-44-0-----Fluoranthene	8600	
92-87-5-----Benzidine	1800	U
129-00-0-----Pyrene	6600	
60-11-7-----p-Dimethylaminoazobenzene	1800	U
510-15-6-----Chlorobenzilate	1800	U
119-93-7-----3,3'-Dimethylbenzidine	3600	U
85-68-7-----Butylbenzylphthalate	1400	J
53-96-3-----2-Acetylaminofluorene	1800	U
101-14-4-----Methylene-bis(2-Chloroaniline	1800	U
91-94-1-----3,3'-Dichlorobenzidine	1800	U
106-51-4-----3,3'-Dimethoxybenzidine	1800	U
56-55-3-----Benzo(a)Anthracene	4500	
218-01-9-----Chrysene	4600	
117-81-7-----bis(2-Ethylhexyl)Phthalate	730	BJ
117-84-0-----Di-n-Octyl Phthalate	1800	U
205-99-2-----Benzo(b)Fluoranthene	8700	X
57-97-6-----7,12-Dimethylbenzanthracene	1800	U
207-08-9-----Benzo(k)Fluoranthene	8700	X
50-32-8-----Benzo(a)Pyrene	4000	
56-49-5-----3-Methylcholanthrene	1800	U
224-42-0-----Dibenzo(a, j)acridine	1800	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	1600	J
53-70-3-----Dibenz(a, h)Anthracene	880	J
191-24-2-----Benzo(g, h, i)Perylene	1500	J

(1) - Cannot be separated from Diphenylamine

428871

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X050810

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428531  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD028531C22  
 Level: (low/med) LOW Date Received: 06/26/91  
 % Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 07/01/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9	N-Nitrosodimethylamine	3900	U
110-86-1	Pyridine	3900	U
97-63-2	Ethyl methacrylate	3900	U
123-63-7	Paraldehyde	3900	U
109-06-8	2-Picoline	7800	U
10595-95-6	Nitrosomethylethylamine	3900	U
66-27-3	Methyl methanesulfonate	3900	U
108-95-2	Phenol	4000	
55-18-5	N-Nitrosodiethylamine	3900	U
62-50-0	Ethyl methanesulfonate	3900	U
62-53-3	Aniline	6700	
76-01-7	Pentachloroethane	3900	U
111-44-4	bis(2-Chloroethyl) Ether	7800	U
95-57-8	2-Chlorophenol	3900	U
541-73-1	1,3-Dichlorobenzene	9800	
100-44-7	Benzyl Chloride	3900	U
106-46-7	1,4-Dichlorobenzene	54000	
100-51-6	Benzyl Alcohol	3900	U
95-50-1	1,2-Dichlorobenzene	3000	J
95-48-7	2-Methylphenol	3900	U
39638-32-9	bis(2-Chloroisopropyl) Ether	3900	U
108-39-4	3-Methylphenol	1500	JX
106-44-5	4-Methylphenol	1500	JX
930-55-2	N-Nitrosopyrrolidine	3900	U
59-89-2	N-Nitrosomorpholine	3900	U
98-86-2	Acetophenone	3900	U
621-64-7	N-Nitroso-Di-n-Propylamine	3900	U
636-21-5	o-Toluidine hydrochloride	3900	U
67-72-1	Hexachloroethane	3900	U
98-95-3	Nitrobenzene	3900	U
100-75-4	N-Nitrosopiperidine	3900	U
78-59-1	Isophorone	3900	U
88-75-5	2-Nitrophenol	3900	U
105-67-9	2,4-Dimethylphenol	1400	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	3000	J
98-87-3-----	Benzal chloride	3900	U
65-85-0-----	Benzoic Acid	39000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	3900	U
120-83-2-----	2,4-Dichlorophenol	3900	U
120-82-1-----	1,2,4-Trichlorobenzene	8700	
91-20-3-----	Naphthalene	530	J
106-47-8-----	4-Chloroaniline	3900	U
87-65-0-----	2,6-Dichlorophenol	7800	U
95-54-5-----	o-Phenylenediamine	3900	U
122-09-8-----	dimethylphenylethylamine	3900	U
1888-71-7-----	Hexachloropropene	3900	U
87-68-3-----	Hexachlorobutadiene	3900	U
87-61-6-----	1,2,3-Trichlorobenzene	1600	J
98-07-7-----	Benzotrichloride	7800	U
924-16-3-----	N-Nitroso-di-n-butylamine	3900	U
59-50-7-----	4-Chloro-3-Methylphenol	3900	U
106-50-3-----	P-Phenylenediamine	3900	U
94-59-7-----	Safrole	3900	U
106-50-3-----	m-Phenylenediamine	3900	U
91-57-6-----	2-Methylnaphthalene	3900	U
90-12-0-----	1-Methylnaphthalene	480	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	1100	JX
634-90-2-----	1,2,3,5-Tetrachlorobenzene	1100	JX
77-47-4-----	Hexachlorocyclopentadiene	3900	U
88-06-2-----	2,4,6-Trichlorophenol	7800	U
95-95-4-----	2,4,5-Trichlorophenol	7800	U
120-58-1-----	Isosafrole	7800	U
91-58-7-----	2-Chloronaphthalene	3900	U
90-13-1-----	1-Chloronaphthalene	3900	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	2600	J
88-74-4-----	2-Nitroaniline	3900	U
130-15-4-----	1,4-Naphthoquinone	7800	U
100-25-4-----	1,4-Dinitrobenzene	7800	U
131-11-3-----	Dimethyl Phthalate	3900	U
208-96-8-----	Acenaphthylene	3900	U

FORM I SV-1

1/87 Rev.



91-80-5-----Methapyrilene	7800	U
50-18-0-----Cyclophosphamide	19000	U
206-44-0-----Fluoranthene	2600	J
92-87-5-----Benzidine	3900	U
129-00-0-----Pyrene	3500	J
60-11-7-----p-Dimethylaminoazobenzene	3900	U
510-15-6-----Chlorobenzilate	3900	U
119-93-7-----3,3'-Dimethylbenzidine	7800	U
85-68-7-----Butylbenzylphthalate	3900	U
53-96-3-----2-Acetylaminofluorene	3900	U
101-14-4-----Methylene-bis(2-Chloroaniline	3900	U
91-94-1-----3,3'-Dichlorobenzidine	3900	U
106-51-4-----3,3'-Dimethoxybenzidine	3900	U
56-55-3-----Benzo(a)Anthracene	2200	J
218-01-9-----Chrysene	2600	J
117-81-7-----bis(2-Ethylhexyl) Phthalate	3900	U
117-84-0-----Di-n-Octyl Phthalate	3900	U
205-99-2-----Benzo(b) Fluoranthene	5300	X
57-97-6-----7,12-Dimethylbenzanthracene	3900	U
207-08-9-----Benzo(k) Fluoranthene	5300	X
50-32-8-----Benzo(a) Pyrene	2100	J
56-49-5-----3-Methylcholanthrene	3900	U
224-42-0-----Dibenzo(a,j) acridine	3900	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	980	J
53-70-3-----Dibenz(a,h) Anthracene	3900	U
191-24-2-----Benzo(g,h,i) Perylene	1000	J

(1) - Cannot be separated from Diphenylamine

428531

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X060406

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428523  
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: GD028523C22  
 Level: (low/med) LOW Date Received: 06/26/91  
 % Moisture: not dec. 16 dec. \_\_\_\_\_ Date Extracted: 07/01/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	N-Nitrosodimethylamine	2000	U
110-86-1	Pyridine	2000	U
97-63-2	Ethyl methacrylate	2000	U
123-63-7	Paraldehyde	2000	U
109-06-8	2-Picoline	3900	U
10595-95-6	Nitrosomethylethylamine	2000	U
66-27-3	Methyl methanesulfonate	2000	U
108-95-2	Phenol	2000	U
55-18-5	N-Nitrosodiethylamine	2000	U
62-50-0	Ethyl methanesulfonate	2000	U
62-53-3	Aniline	2000	U
76-01-7	Pentachloroethane	2000	U
111-44-4	bis(2-Chloroethyl) Ether	3900	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
100-51-6	Benzyl Alcohol	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
95-48-7	2-Methylphenol	2000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	2000	U
108-39-4	3-Methylphenol	2000	U
106-44-5	4-Methylphenol	2000	U
930-55-2	N-Nitrosopyrrolidine	2000	U
59-89-2	N-Nitrosomorpholine	2000	U
98-86-2	Acetophenone	2000	U
621-64-7	N-Nitroso-Di-n-Propylamine	2000	U
636-21-5	o-Toluidine hydrochloride	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
100-75-4	N-Nitrosopiperidine	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
108-70-3	1,3,5-Trichlorobenzene	2000	U

FORM I SV-1

1/87 Rev.

98-87-3-----	Benzal Chloride	2000	U
65-85-0-----	Benzoic Acid	20000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	2000	U
120-83-2-----	2,4-Dichlorophenol	2000	U
120-82-1-----	1,2,4-Trichlorobenzene	2000	U
91-20-3-----	Naphthalene	840	J
106-47-8-----	4-Chloroaniline	2000	U
87-65-0-----	2,6-Dichlorophenol	3900	U
95-54-5-----	o-Phenylenediamine	2000	U
122-09-8-----	dimethylphenylethylamine	2000	U
1888-71-7-----	Hexachloropropene	2000	U
87-68-3-----	Hexachlorobutadiene	2000	U
87-61-6-----	1,2,3-Trichlorobenzene	2000	U
98-07-7-----	Benzotrichloride	3900	U
924-16-3-----	N-Nitroso-di-n-butylamine	2000	U
59-50-7-----	4-Chloro-3-Methylphenol	2000	U
106-50-3-----	P-Phenylenediamine	2000	U
94-59-7-----	Safrole	2000	U
106-50-3-----	m-Phenylenediamine	2000	U
91-57-6-----	2-Methylnaphthalene	610	J
90-12-0-----	1-Methylnaphthalene	1200	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	2000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	2000	U
77-47-4-----	Hexachlorocyclopentadiene	2000	U
88-06-2-----	2,4,6-Trichlorophenol	3900	U
95-95-4-----	2,4,5-Trichlorophenol	3900	U
120-58-1-----	Isosafrole	3900	U
91-58-7-----	2-Chloronaphthalene	2000	U
90-13-1-----	1-Chloronaphthalene	2000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	2000	U
88-74-4-----	2-Nitroaniline	2000	U
130-15-4-----	1,4-Naphthoquinone	3900	U
100-25-4-----	1,4-Dinitrobenzene	3900	U
131-11-3-----	Dimethyl Phthalate	2000	U
208-96-8-----	Acenaphthylene	1600	J

FORM I SV-1

1/87 Rev.

428523

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X060406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428523

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GD028523C22

Level: (low/med) LOW Date Received: 06/26/91

% Moisture: not dec. 16 dec. \_\_\_\_\_ Date Extracted: 07/01/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3900	U
83-32-9-----	Acenaphthene	330	J
51-28-5-----	2,4-Dinitrophenol	7700	U
100-02-7-----	4-Nitrophenol	2000	U
132-64-9-----	Dibenzofuran	2000	U
121-14-2-----	2,4-Dinitrotoluene	2000	U
608-93-5-----	Pentachlorobenzene	2000	U
91-59-8-----	2-Naphthylamine	3900	U
606-20-2-----	2,6-Dinitrotoluene	2000	U
134-32-7-----	1-Naphthylamine	3900	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	3900	U
84-66-2-----	Diethylphthalate	2000	U
297-97-2-----	Zinophos	2000	U
7005-72-3-----	4-Chlorophenyl-phenylether	2000	U
86-73-7-----	Fluorene	760	J
100-01-6-----	4-Nitroaniline	3900	U
99-55-8-----	5-Nitro-o-toluidine	3900	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	5900	U
86-30-6-----	N-Nitrosodiphenylamine (1)	2000	U
122-39-4-----	Diphenylamine	2000	U
99-35-4-----	1,3,5-Trinitrobenzene	3900	U
122-66-7-----	1,2-Diphenylhydrazine	2000	U
62-44-2-----	Phenacetin	2000	U
101-55-3-----	4-Bromophenyl-phenylether	2000	U
2303-16-4-----	Diallate	2000	U
60-51-5-----	Dimethoate	2000	U
118-74-1-----	Hexachlorobenzene	2000	U
92-67-1-----	4-Aminobiphenyl	2000	U
23950-58-5-----	Pronamide	2000	U
87-86-5-----	Pentachlorophenol	3900	U
82-68-8-----	Pentachloronitrobenzene	2000	U
85-01-8-----	Phenanthrene	2100	
120-12-7-----	Anthracene	840	J
84-74-2-----	Di-n-Butylphthalate	2000	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	3900	U
50-18-0-----	Cyclophosphamide	9500	U
206-44-0-----	Fluoranthene	3800	
92-87-5-----	Benzidine	2000	U
129-00-0-----	Pyrene	4600	
60-11-7-----	p-Dimethylaminoazobenzene	2000	U
510-15-6-----	Chlorobenzilate	2000	U
119-93-7-----	3,3'-Dimethylbenzidine	3900	U
85-68-7-----	Butylbenzylphthalate	1100	J
53-96-3-----	2-Acetylaminofluorene	2000	U
101-14-4-----	Methylene-bis(2-Chloroaniline	2000	U
91-94-1-----	3,3'-Dichlorobenzidine	2000	U
106-51-4-----	3,3'-Dimethoxybenzidine	2000	U
56-55-3-----	Benzo(a)Anthracene	3200	
218-01-9-----	Chrysene	3800	
117-81-7-----	bis(2-Ethylhexyl) Phthalate	320	BJ
117-84-0-----	Di-n-Octyl Phthalate	2000	U
205-99-2-----	Benzo(b) Fluoranthene	7100	
57-97-6-----	7,12-Dimethylbenzanthracene	2000	U
207-08-9-----	Benzo(k) Fluoranthene	7100	
50-32-8-----	Benzo(a) Pyrene	4500	
56-49-5-----	3-Methylcholanthrene	2000	U
224-42-0-----	Dibenzo(a, j) acridine	2000	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	1800	J
53-70-3-----	Dibenz(a, h) Anthracene	920	J
191-24-2-----	Benzo(g, h, i) Perylene	2300	

(1) - Cannot be separated from Diphenylamine

428523

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X070608

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428810

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GD028810C22

Level: (low/med) LOW Date Received: 06/28/91

% Moisture: not dec. 11 dec. \_\_\_\_\_ Date Extracted: 07/01/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	5500	U
110-86-1	Pyridine	5500	U
97-63-2	Ethyl methacrylate	5500	U
123-63-7	Paraldehyde	5500	U
109-06-8	2-Picoline	11000	U
10595-95-6	Nitrosomethylethylamine	5500	U
66-27-3	Methyl methanesulfonate	5500	U
108-95-2	Phenol	5500	U
55-18-5	N-Nitrosodiethylamine	5500	U
62-50-0	Ethyl methanesulfonate	5500	U
62-53-3	Aniline	5500	U
76-01-7	Pentachloroethane	5500	U
111-44-4	bis(2-Chloroethyl) Ether	11000	U
95-57-8	2-Chlorophenol	5500	U
541-73-1	1,3-Dichlorobenzene	5500	U
100-44-7	Benzyl Chloride	5500	U
106-46-7	1,4-Dichlorobenzene	1800	J
100-51-6	Benzyl Alcohol	5500	U
95-50-1	1,2-Dichlorobenzene	5500	U
95-48-7	2-Methylphenol	5500	U
39638-32-9	bis(2-Chloroisopropyl) Ether	5500	U
108-39-4	3-Methylphenol	5500	U
106-44-5	4-Methylphenol	5500	U
930-55-2	N-Nitrosopyrrolidine	5500	U
59-89-2	N-Nitrosomorpholine	5500	U
98-86-2	Acetophenone	5500	U
621-64-7	N-Nitroso-Di-n-Propylamine	5500	U
636-21-5	o-Toluidine hydrochloride	5500	U
67-72-1	Hexachloroethane	5500	U
98-95-3	Nitrobenzene	5500	U
100-75-4	N-Nitrosopiperidine	5500	U
78-59-1	Isophorone	5500	U
88-75-5	2-Nitrophenol	5500	U
105-67-9	2,4-Dimethylphenol	5500	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	5500	U
98-87-3-----	Benzal chloride	5500	U
65-85-0-----	Benzoic Acid	55000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	5500	U
120-83-2-----	2,4-Dichlorophenol	5500	U
120-82-1-----	1,2,4-Trichlorobenzene	910	J
91-20-3-----	Naphthalene	110000	E
106-47-8-----	4-Chloroaniline	5500	U
87-65-0-----	2,6-Dichlorophenol	11000	U
95-54-5-----	o-Phenylenediamine	5500	U
122-09-8-----	dimethylphenylethylamine	5500	U
1888-71-7-----	Hexachloropropene	5500	U
87-68-3-----	Hexachlorobutadiene	5500	U
87-61-6-----	1,2,3-Trichlorobenzene	5500	U
98-07-7-----	Benzotrichloride	11000	U
924-16-3-----	N-Nitroso-di-n-butylamine	5500	U
59-50-7-----	4-Chloro-3-Methylphenol	5500	U
106-50-3-----	P-Phenylenediamine	5500	U
94-59-7-----	Safrole	5500	U
106-50-3-----	m-Phenylenediamine	5500	U
91-57-6-----	2-Methylnaphthalene	71000	
90-12-0-----	1-Methylnaphthalene	120000	E
95-94-3-----	1,2,4,5-Tetrachlorobenzene	5500	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	5500	U
77-47-4-----	Hexachlorocyclopentadiene	5500	U
88-06-2-----	2,4,6-Trichlorophenol	11000	U
95-95-4-----	2,4,5-Trichlorophenol	11000	U
120-58-1-----	Isosafrole	11000	U
91-58-7-----	2-Chloronaphthalene	5500	U
90-13-1-----	1-Chloronaphthalene	5500	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	5500	U
88-74-4-----	2-Nitroaniline	5500	U
130-15-4-----	1,4-Napthoquinone	11000	U
100-25-4-----	1,4-Dinitrobenzene	11000	U
131-11-3-----	Dimethyl Phthalate	5500	U
208-96-8-----	Acenaphthylene	15000	

FORM I SV-1

1/87 Rev.

428810

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X070608

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428810

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GD028810C22

Level: (low/med) LOW Date Received: 06/28/91

% Moisture: not dec. 11 dec. \_\_\_\_\_ Date Extracted: 07/01/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2	3-Nitroaniline	11000	U
83-32-9	Acenaphthene	50000	
51-28-5	2,4-Dinitrophenol	22000	U
100-02-7	4-Nitrophenol	5500	U
132-64-9	Dibenzofuran	4600	J
121-14-2	2,4-Dinitrotoluene	5500	U
608-93-5	Pentachlorobenzene	5500	U
91-59-8	2-Naphthylamine	11000	U
606-20-2	2,6-Dinitrotoluene	5500	U
134-32-7	1-Naphthylamine	11000	U
58-90-2	2,3,4,6-Tetrachlorophenol	11000	U
84-66-2	Diethylphthalate	5500	U
297-97-2	Zinophos	5500	U
7005-72-3	4-Chlorophenyl-phenylether	5500	U
86-73-7	Fluorene	45000	
100-01-6	4-Nitroaniline	11000	U
99-55-8	5-Nitro-o-toluidine	11000	U
534-52-1	4,6-Dinitro-2-Methylphenol	17000	U
86-30-6	N-Nitrosodiphenylamine (1)	5500	U
122-39-4	Diphenylamine	5500	U
99-35-4	1,3,5-Trinitrobenzene	11000	U
122-66-7	1,2-Diphenylhydrazine	5500	U
62-44-2	Phenacetin	5500	U
101-55-3	4-Bromophenyl-phenylether	5500	U
2303-16-4	Diallate	5500	U
60-51-5	Dimethoate	5500	U
118-74-1	Hexachlorobenzene	5500	U
92-67-1	4-Aminobiphenyl	5500	U
23950-58-5	Pronamide	5500	U
87-86-5	Pentachlorophenol	11000	U
82-68-8	Pentachloronitrobenzene	5500	U
85-01-8	Phenanthrene	88000	
120-12-7	Anthracene	32000	
84-74-2	Di-n-Butylphthalate	5500	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2



91-80-5-----	Methapyrilene	11000	U
50-18-0-----	Cyclophosphamide	27000	U
206-44-0-----	Fluoranthene	47000	
92-87-5-----	Benzidine	5500	U
129-00-0-----	Pyrene	58000	
60-11-7-----	p-Dimethylaminoazobenzene	5500	U
510-15-6-----	Chlorobenzilate	5500	U
119-93-7-----	3,3'-Dimethylbenzidine	11000	U
85-68-7-----	Butylbenzylphthalate	1900	J
53-96-3-----	2-Acetylaminofluorene	5500	U
101-14-4-----	Methylene-bis(2-Chloroaniline	5500	U
91-94-1-----	3,3'-Dichlorobenzidine	5500	U
106-51-4-----	3,3'-Dimethoxybenzidine	5500	U
56-55-3-----	Benzo(a)Anthracene	24000	
218-01-9-----	Chrysene	25000	
117-81-7-----	bis(2-Ethylhexyl)Phthalate	2200	BJ
117-84-0-----	Di-n-Octyl Phthalate	5500	U
205-99-2-----	Benzo(b)Fluoranthene	32000	X
57-97-6-----	7,12-Dimethylbenzanthracene	5500	U
207-08-9-----	Benzo(k)Fluoranthene	32000	X
50-32-8-----	Benzo(a)Pyrene	22000	
56-49-5-----	3-Methylcholanthrene	5500	U
224-42-0-----	Dibenzo(a,j)acridine	5500	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	6300	
53-70-3-----	Dibenz(a,h)Anthracene	3500	J
191-24-2-----	Benzo(g,h,i)Perylene	7100	

(1) - Cannot be separated from Diphenylamine

428810

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X070608DL

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428810  
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: G2D28810A22  
 Level: (low/med) LOW Date Received: 06/28/91  
 % Moisture: not dec. 11 dec. \_\_\_\_\_ Date Extracted: 07/01/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 30

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	11000	U
110-86-1	Pyridine	11000	U
97-63-2	Ethyl methacrylate	11000	U
123-63-7	Paraldehyde	11000	U
109-06-8	2-Picoline	22000	U
10595-95-6	Nitrosomethylethylamine	11000	U
66-27-3	Methyl methanesulfonate	11000	U
108-95-2	Phenol	11000	U
55-18-5	N-Nitrosodiethylamine	11000	U
62-50-0	Ethyl methanesulfonate	11000	U
62-53-3	Aniline	11000	U
76-01-7	Pentachloroethane	11000	U
111-44-4	bis(2-Chloroethyl) Ether	22000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
100-44-7	Benzyl Chloride	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl Alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
95-48-7	2-Methylphenol	11000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	11000	U
108-39-4	3-Methylphenol	11000	U
106-44-5	4-Methylphenol	11000	U
930-55-2	N-Nitrosopyrrolidine	11000	U
59-89-2	N-Nitrosomorpholine	11000	U
98-86-2	Acetophenone	11000	U
621-64-7	N-Nitroso-Di-n-Propylamine	11000	U
636-21-5	o-Toluidine hydrochloride	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
100-75-4	N-Nitrosopiperidine	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	11000	U
98-87-3-----	Benzal chloride	11000	U
65-85-0-----	Benzoic Acid	110000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	11000	U
120-83-2-----	2,4-Dichlorophenol	11000	U
120-82-1-----	1,2,4-Trichlorobenzene	11000	U
91-20-3-----	Naphthalene	81000	D
106-47-8-----	4-Chloroaniline	11000	U
87-65-0-----	2,6-Dichlorophenol	22000	U
95-54-5-----	o-Phenylenediamine	11000	U
122-09-8-----	dimethylphenylethylamine	11000	U
1888-71-7-----	Hexachloropropene	11000	U
87-68-3-----	Hexachlorobutadiene	11000	U
87-61-6-----	1,2,3-Trichlorobenzene	11000	U
98-07-7-----	Benzotrichloride	22000	U
924-16-3-----	N-Nitroso-di-n-butylamine	11000	U
59-50-7-----	4-Chloro-3-Methylphenol	11000	U
106-50-3-----	P-Phenylenediamine	11000	U
94-59-7-----	Safrole	11000	U
106-50-3-----	m-Phenylenediamine	11000	U
91-57-6-----	2-Methylnaphthalene	47000	D
90-12-0-----	1-Methylnaphthalene	73000	D
95-94-3-----	1,2,4,5-Tetrachlorobenzene	11000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	11000	U
77-47-4-----	Hexachlorocyclopentadiene	11000	U
88-06-2-----	2,4,6-Trichlorophenol	22000	U
95-95-4-----	2,4,5-Trichlorophenol	22000	U
120-58-1-----	Isosafrole	22000	U
91-58-7-----	2-Chloronaphthalene	11000	U
90-13-1-----	1-Chloronaphthalene	11000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	11000	U
88-74-4-----	2-Nitroaniline	11000	U
130-15-4-----	1,4-Naphthoquinone	22000	U
100-25-4-----	1,4-Dinitrobenzene	22000	U
131-11-3-----	Dimethyl Phthalate	11000	U
208-96-8-----	Acenaphthylene	10000	DJ

FORM I SV-1

1/87 Rev.

G 20 28810 A 22

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X070608DL

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428810  
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: G2D28810A22  
 Level: (low/med) LOW Date Received: 06/28/91  
 % Moisture: not dec. 11 dec. \_\_\_\_\_ Date Extracted: 07/01/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 30

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	22000	U
83-32-9	Acenaphthene	32000	D
51-28-5	2,4-Dinitrophenol	44000	U
100-02-7	4-Nitrophenol	11000	U
132-64-9	Dibenzofuran	2700	DJ
121-14-2	2,4-Dinitrotoluene	11000	U
608-93-5	Pentachlorobenzene	11000	U
91-59-8	2-Naphthylamine	22000	U
606-20-2	2,6-Dinitrotoluene	11000	U
134-32-7	1-Naphthylamine	22000	U
58-90-2	2,3,4,6-Tetrachlorophenol	22000	U
84-66-2	Diethylphthalate	11000	U
297-97-2	Zinophos	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
86-73-7	Fluorene	27000	D
100-01-6	4-Nitroaniline	22000	U
99-55-8	5-Nitro-o-toluidine	22000	U
534-52-1	4,6-Dinitro-2-Methylphenol	33000	U
86-30-6	N-Nitrosodiphenylamine (1)	11000	U
122-39-4	Diphenylamine	11000	U
99-35-4	1,3,5-Trinitrobenzene	22000	U
122-66-7	1,2-Diphenylhydrazine	11000	U
62-44-2	Phenacetin	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
2303-16-4	Diallate	11000	U
60-51-5	Dimethoate	11000	U
118-74-1	Hexachlorobenzene	11000	U
92-67-1	4-Aminobiphenyl	11000	U
23950-58-5	Pronamide	11000	U
87-86-5	Pentachlorophenol	22000	U
82-68-8	Pentachloronitrobenzene	11000	U
85-01-8	Phenanthrene	64000	D
120-12-7	Anthracene	19000	D
84-74-2	Di-n-Butylphthalate	11000	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	22000	U
50-18-0-----	Cyclophosphamide	54000	U
206-44-0-----	Fluoranthene	27000	D
92-87-5-----	Benzidine	11000	U
129-00-0-----	Pyrene	28000	D
60-11-7-----	p-Dimethylaminoazobenzene	11000	U
510-15-6-----	Chlorobenzilate	11000	U
119-93-7-----	3,3'-Dimethylbenzidine	22000	U
85-68-7-----	Butylbenzylphthalate	11000	U
53-96-3-----	2-Acetylaminofluorene	11000	U
101-14-4-----	Methylene-bis(2-Chloroaniline	11000	U
91-94-1-----	3,3'-Dichlorobenzidine	11000	U
106-51-4-----	3,3'-Dimethoxybenzidine	11000	U
56-55-3-----	Benzo(a) Anthracene	14000	D
218-01-9-----	Chrysene	14000	D
117-81-7-----	bis(2-Ethylhexyl) Phthalate	11000	U
117-84-0-----	Di-n-Octyl Phthalate	11000	U
205-99-2-----	Benzo(b) Fluoranthene	17000	DX
57-97-6-----	7,12-Dimethylbenzanthracene	11000	U
207-08-9-----	Benzo(k) Fluoranthene	17000	DX
50-32-8-----	Benzo(a) Pyrene	12000	D
56-49-5-----	3-Methylcholanthrene	11000	U
224-42-0-----	Dibenzo(a, j) acridine	11000	U
193-39-5-----	Indeno(1, 2, 3-cd) Pyrene	4300	DJ
53-70-3-----	Dibenz(a, h) Anthracene	2400	DJ
191-24-2-----	Benzo(g, h, i) Perylene	4800	DJ

(1) - Cannot be separated from Diphenylamine

G1D 28810 A22

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X080204

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 429049

Sample wt/vol: 30.2 (g/mL) G Lab File ID: G2D29049C06

Level: (low/med) LOW Date Received: 06/29/91

% Moisture: not dec. 11 dec. \_\_\_\_\_ Date Extracted: 07/03/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/18/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	3700	U
110-86-1	Pyridine	3700	U
97-63-2	Ethyl methacrylate	3700	U
123-63-7	Paraldehyde	3700	U
109-06-8	2-Picoline	7400	U
10595-95-6	Nitrosomethylethylamine	3700	U
66-27-3	Methyl methanesulfonate	3700	U
108-95-2	Phenol	690	J
55-18-5	N-Nitrosodiethylamine	3700	U
62-50-0	Ethyl methanesulfonate	3700	U
62-53-3	Aniline	3700	U
76-01-7	Pentachloroethane	3700	U
111-44-4	bis(2-Chloroethyl) Ether	7400	U
95-57-8	2-Chlorophenol	3700	U
541-73-1	1,3-Dichlorobenzene	3700	U
100-44-7	Benzyl Chloride	3700	U
106-46-7	1,4-Dichlorobenzene	3700	U
100-51-6	Benzyl Alcohol	3700	U
95-50-1	1,2-Dichlorobenzene	3700	U
95-48-7	2-Methylphenol	3700	U
39638-32-9	bis(2-Chloroisopropyl) Ether	3700	U
108-39-4	3-Methylphenol	3700	U
106-44-5	4-Methylphenol	3700	U
930-55-2	N-Nitrosopyrrolidine	3700	U
59-89-2	N-Nitrosomorpholine	3700	U
98-86-2	Acetophenone	380	J
621-64-7	N-Nitroso-Di-n-Propylamine	3700	U
636-21-5	o-Toluidine hydrochloride	3700	U
67-72-1	Hexachloroethane	3700	U
98-95-3	Nitrobenzene	3700	U
100-75-4	N-Nitrosopiperidine	3700	U
78-59-1	Isophorone	3700	U
88-75-5	2-Nitrophenol	3700	U
105-67-9	2,4-Dimethylphenol	3700	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	3700	U
98-87-3-----	Benzal chloride	3700	U
65-85-0-----	Benzoic Acid	37000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	3700	U
120-83-2-----	2,4-Dichlorophenol	3700	U
120-82-1-----	1,2,4-Trichlorobenzene	3700	U
91-20-3-----	Naphthalene	2200	J
106-47-8-----	4-Chloroaniline	3700	U
87-65-0-----	2,6-Dichlorophenol	7400	U
95-54-5-----	o-Phenylenediamine	3700	U
122-09-8-----	dimethylphenylethylamine	3700	U
1888-71-7-----	Hexachloropropene	3700	U
87-68-3-----	Hexachlorobutadiene	3700	U
87-61-6-----	1,2,3-Trichlorobenzene	3700	U
98-07-7-----	Benzotrichloride	7400	U
924-16-3-----	N-Nitroso-di-n-butylamine	3700	U
59-50-7-----	4-Chloro-3-Methylphenol	3700	U
106-50-3-----	P-Phenylenediamine	3700	U
94-59-7-----	Safrole	3700	U
106-50-3-----	m-Phenylenediamine	3700	U
91-57-6-----	2-Methylnaphthalene	1400	J
90-12-0-----	1-Methylnaphthalene	2700	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	3700	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	3700	U
77-47-4-----	Hexachlorocyclopentadiene	3700	U
88-06-2-----	2,4,6-Trichlorophenol	7400	U
95-95-4-----	2,4,5-Trichlorophenol	7400	U
120-58-1-----	Isosafrole	7400	U
91-58-7-----	2-Chloronaphthalene	3700	U
90-13-1-----	1-Chloronaphthalene	3700	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	3700	U
88-74-4-----	2-Nitroaniline	3700	U
130-15-4-----	1,4-Naphthoquinone	7400	U
100-25-4-----	1,4-Dinitrobenzene	7400	U
131-11-3-----	Dimethyl Phthalate	3700	U
208-96-8-----	Acenaphthylene	3900	

FORM I SV-1

1/87 Rev.

429049

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X080204

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 429049

Sample wt/vol: 30.2 (g/mL) G Lab File ID: G2D29049C06

Level: (low/med) LOW Date Received: 06/29/91

% Moisture: not dec. 11 dec. \_\_\_\_\_ Date Extracted: 07/03/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/18/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	7400	U
83-32-9-----	Acenaphthene	1500	J
51-28-5-----	2,4-Dinitrophenol	15000	U
100-02-7-----	4-Nitrophenol	3700	U
132-64-9-----	Dibenzofuran	2600	J
121-14-2-----	2,4-Dinitrotoluene	3700	U
608-93-5-----	Pentachlorobenzene	3700	U
91-59-8-----	2-Naphthylamine	7400	U
606-20-2-----	2,6-Dinitrotoluene	3700	U
134-32-7-----	1-Naphthylamine	7400	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	7400	U
84-66-2-----	Diethylphthalate	3700	U
297-97-2-----	Zinophos	3700	U
7005-72-3-----	4-Chlorophenyl-phenylether	3700	U
86-73-7-----	Fluorene	3400	J
100-01-6-----	4-Nitroaniline	7400	U
99-55-8-----	5-Nitro-o-toluidine	7400	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	11000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	3700	U
122-39-4-----	Diphenylamine	3700	U
99-35-4-----	1,3,5-Trinitrobenzene	7400	U
122-66-7-----	1,2-Diphenylhydrazine	3700	U
62-44-2-----	Phenacetin	3700	U
101-55-3-----	4-Bromophenyl-phenylether	3700	U
2303-16-4-----	Diallate	3700	U
60-51-5-----	Dimethoate	3700	U
118-74-1-----	Hexachlorobenzene	3700	U
92-67-1-----	4-Aminobiphenyl	3700	U
23950-58-5-----	Pronamide	3700	U
87-86-5-----	Pentachlorophenol	7400	U
82-68-8-----	Pentachloronitrobenzene	3700	U
85-01-8-----	Phenanthrene	26000	
120-12-7-----	Anthracene	5500	
84-74-2-----	Di-n-Butylphthalate	1200	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.



91-80-5-----Methapyrilene	7400	U
50-18-0-----Cyclophosphamide	18000	U
206-44-0-----Fluoranthene	20000	
92-87-5-----Benzidine	3700	U
129-00-0-----Pyrene	20000	
60-11-7-----p-Dimethylaminoazobenzene	3700	U
510-15-6-----Chlorobenzilate	3700	U
119-93-7-----3,3'-Dimethylbenzidine	7400	U
85-68-7-----Butylbenzylphthalate	3700	U
53-96-3-----2-Acetylaminofluorene	3700	U
101-14-4-----Methylene-bis(2-Chloroaniline)	3700	U
91-94-1-----3,3'-Dichlorobenzidine	3700	U
106-51-4-----3,3'-Dimethoxybenzidine	3700	U
56-55-3-----Benzo(a)Anthracene	13000	
218-01-9-----Chrysene	11000	
117-81-7-----bis(2-Ethylhexyl)Phthalate	510	BJ
117-84-0-----Di-n-Octyl Phthalate	3700	U
205-99-2-----Benzo(b)Fluoranthene	23000	X
57-97-6-----7,12-Dimethylbenzanthracene	3700	U
207-08-9-----Benzo(k)Fluoranthene	23000	X
50-32-8-----Benzo(a)Pyrene	11000	
56-49-5-----3-Methylcholanthrene	3700	U
224-42-0-----Dibenzo(a,j)acridine	3700	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	4300	
53-70-3-----Dibenz(a,h)Anthracene	1400	J
191-24-2-----Benzo(g,h,i)Perylene	5200	

(1) - Cannot be separated from Diphenylamine

429049

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X090810

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 429506

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH029506A06

Level: (low/med) LOW Date Received: 07/02/91

% Moisture: not dec. 26 dec. \_\_\_\_\_ Date Extracted: 07/03/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/06/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	450	U
110-86-1	Pyridine	450	U
97-63-2	Ethyl methacrylate	450	U
123-63-7	Paraldehyde	450	U
109-06-8	2-Picoline	890	U
10595-95-6	Nitrosomethylethylamine	450	U
66-27-3	Methyl methanesulfonate	450	U
108-95-2	Phenol	450	U
55-18-5	N-Nitrosodiethylamine	450	U
62-50-0	Ethyl methanesulfonate	450	U
62-53-3	Aniline	450	U
76-01-7	Pentachloroethane	450	U
111-44-4	bis(2-Chloroethyl) Ether	890	U
95-57-8	2-Chlorophenol	450	U
541-73-1	1,3-Dichlorobenzene	450	U
100-44-7	Benzyl Chloride	450	U
106-46-7	1,4-Dichlorobenzene	450	U
100-51-6	Benzyl Alcohol	450	U
95-50-1	1,2-Dichlorobenzene	450	U
95-48-7	2-Methylphenol	450	U
39638-32-9	bis(2-Chloroisopropyl) Ether	450	U
108-39-4	3-Methylphenol	450	U
106-44-5	4-Methylphenol	450	U
930-55-2	N-Nitrosopyrrolidine	450	U
59-89-2	N-Nitrosomorpholine	450	U
98-86-2	Acetophenone	450	U
621-64-7	N-Nitroso-Di-n-Propylamine	450	U
636-21-5	o-Toluidine hydrochloride	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
100-75-4	N-Nitrosopiperidine	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	450	U
98-87-3-----	Benzal chloride	450	U
65-85-0-----	Benzoic Acid	4500	U
111-91-1-----	bis(2-Chloroethoxy)Methane	450	U
120-83-2-----	2,4-Dichlorophenol	450	U
120-82-1-----	1,2,4-Trichlorobenzene	450	U
91-20-3-----	Naphthalene	970	
106-47-8-----	4-Chloroaniline	450	U
87-65-0-----	2,6-Dichlorophenol	890	U
95-54-5-----	o-Phenylenediamine	450	U
122-09-8-----	dimethylphenylethylamine	450	U
1888-71-7-----	Hexachloropropene	450	U
87-68-3-----	Hexachlorobutadiene	450	U
87-61-6-----	1,2,3-Trichlorobenzene	450	U
98-07-7-----	Benzotrichloride	890	U
924-16-3-----	N-Nitroso-di-n-butylamine	450	U
59-50-7-----	4-Chloro-3-Methylphenol	450	U
106-50-3-----	P-Phenylenediamine	450	U
94-59-7-----	Safrole	450	U
106-50-3-----	m-Phenylenediamine	450	U
91-57-6-----	2-Methylnaphthalene	280	J
90-12-0-----	1-Methylnaphthalene	580	
95-94-3-----	1,2,4,5-Tetrachlorobenzene	450	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	450	U
77-47-4-----	Hexachlorocyclopentadiene	450	U
88-06-2-----	2,4,6-Trichlorophenol	890	U
95-95-4-----	2,4,5-Trichlorophenol	890	U
120-58-1-----	Isosafrole	890	U
91-58-7-----	2-Chloronaphthalene	450	U
90-13-1-----	1-Chloronaphthalene	450	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	450	U
88-74-4-----	2-Nitroaniline	450	U
130-15-4-----	1,4-Napthoquinone	890	U
100-25-4-----	1,4-Dinitrobenzene	890	U
131-11-3-----	Dimethyl Phthalate	450	U
208-96-8-----	Acenaphthylene	140	J

FORM I SV-1

1/87 Rev.

429506

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X090810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 429506

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH029506A06

Level: (low/med) LOW Date Received: 07/02/91

% Moisture: not dec. 26 dec. \_\_\_\_\_ Date Extracted: 07/03/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/06/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	890	U
83-32-9-----	Acenaphthene	110	J
51-28-5-----	2,4-Dinitrophenol	1800	U
100-02-7-----	4-Nitrophenol	450	U
132-64-9-----	Dibenzofuran	54	J
121-14-2-----	2,4-Dinitrotoluene	450	U
608-93-5-----	Pentachlorobenzene	450	U
91-59-8-----	2-Naphthylamine	890	U
606-20-2-----	2,6-Dinitrotoluene	450	U
134-32-7-----	1-Naphthylamine	890	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	890	U
84-66-2-----	Diethylphthalate	450	U
297-97-2-----	Zinophos	450	U
7005-72-3-----	4-Chlorophenyl-phenylether	450	U
86-73-7-----	Fluorene	350	J
100-01-6-----	4-Nitroaniline	890	U
99-55-8-----	5-Nitro-o-toluidine	890	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	450	U
122-39-4-----	Diphenylamine	450	U
99-35-4-----	1,3,5-Trinitrobenzene	890	U
122-66-7-----	1,2-Diphenylhydrazine	450	U
62-44-2-----	Phenacetin	450	U
101-55-3-----	4-Bromophenyl-phenylether	450	U
2303-16-4-----	Diallate	450	U
60-51-5-----	Dimethoate	450	U
118-74-1-----	Hexachlorobenzene	450	U
92-67-1-----	4-Aminobiphenyl	450	U
23950-58-5-----	Pronamide	450	U
87-86-5-----	Pentachlorophenol	890	U
82-68-8-----	Pentachloronitrobenzene	450	U
85-01-8-----	Phenanthrene	1900	U
120-12-7-----	Anthracene	420	J
84-74-2-----	Di-n-Butylphthalate	450	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	890	U
50-18-0-----Cyclophosphamide	2200	U
206-44-0-----Fluoranthene	1300	
92-87-5-----Benzidine	450	U
129-00-0-----Pyrene	1600	
60-11-7-----p-Dimethylaminoazobenzene	450	U
510-15-6-----Chlorobenzilate	450	U
119-93-7-----3,3'-Dimethylbenzidine	890	U
85-68-7-----Butylbenzylphthalate	450	U
53-96-3-----2-Acetylaminofluorene	450	U
101-14-4-----Methylene-bis(2-Chloroaniline	450	U
91-94-1-----3,3'-Dichlorobenzidine	450	U
106-51-4-----3,3'-Dimethoxybenzidine	450	U
56-55-3-----Benzo(a)Anthracene	730	
218-01-9-----Chrysene	650	
117-81-7-----bis(2-Ethylhexyl)Phthalate	220	J
117-84-0-----Di-n-Octyl Phthalate	450	U
205-99-2-----Benzo(b)Fluoranthene	1100	X
57-97-6-----7,12-Dimethylbenzanthracene	450	U
207-08-9-----Benzo(k)Fluoranthene	1100	X
50-32-8-----Benzo(a)Pyrene	640	
56-49-5-----3-Methylcholanthrene	450	U
224-42-0-----Dibenzo(a,j)acridine	450	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	250	J
53-70-3-----Dibenz(a,h)Anthracene	83	J
191-24-2-----Benzo(g,h,i)Perylene	290	J

(1) - Cannot be separated from Diphenylamine

429506

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X100204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429753

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GD029753B22

Level: (low/med) LOW Date Received: 07/03/91

% Moisture: not dec. 2 dec. \_\_\_\_\_ Date Extracted: 07/05/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/09/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	3300	U
110-86-1	Pyridine	3300	U
97-63-2	Ethyl methacrylate	3300	U
123-63-7	Paraldehyde	3300	U
109-06-8	2-Picoline	6700	U
10595-95-6	Nitrosomethylethylamine	3300	U
66-27-3	Methyl methanesulfonate	3300	U
108-95-2	Phenol	3300	U
55-18-5	N-Nitrosodiethylamine	3300	U
62-50-0	Ethyl methanesulfonate	3300	U
62-53-3	Aniline	3300	U
76-01-7	Pentachloroethane	3300	U
111-44-4	bis(2-Chloroethyl) Ether	6700	U
95-57-8	2-Chlorophenol	3300	U
541-73-1	1,3-Dichlorobenzene	3300	U
106-46-7	1,4-Dichlorobenzene	3300	U
100-51-6	Benzyl Alcohol	3300	U
95-50-1	1,2-Dichlorobenzene	3300	U
95-48-7	2-Methylphenol	3300	U
39638-32-9	bis(2-Chloroisopropyl) Ether	3300	U
108-39-4	3-Methylphenol	3300	U
106-44-5	4-Methylphenol	3300	U
930-55-2	N-Nitrosopyrrolidine	3300	U
59-89-2	N-Nitrosomorpholine	3300	U
98-86-2	Acetophenone	3300	U
621-64-7	N-Nitroso-Di-n-Propylamine	3300	U
636-21-5	o-Toluidine hydrochloride	3300	U
67-72-1	Hexachloroethane	3300	U
98-95-3	Nitrobenzene	3300	U
100-75-4	N-Nitrosopiperidine	3300	U
78-59-1	Isophorone	3300	U
88-75-5	2-Nitrophenol	3300	U
105-67-9	2,4-Dimethylphenol	3300	U
108-70-3	1,3,5-Trichlorobenzene	3300	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

98-87-3	Benzal Chloride	3300	U
65-85-0	Benzoic Acid	33000	U
111-91-1	bis(2-Chloroethoxy)Methane	3300	U
120-83-2	2,4-Dichlorophenol	3300	U
120-82-1	1,2,4-Trichlorobenzene	3300	U
91-20-3	Naphthalene	3300	U
106-47-8	4-Chloroaniline	3300	U
87-65-0	2,6-Dichlorophenol	6700	U
95-54-5	o-Phenylenediamine	3300	U
122-09-8	dimethylphenylethylamine	3300	U
1888-71-7	Hexachloropropene	3300	U
87-68-3	Hexachlorobutadiene	3300	U
87-61-6	1,2,3-Trichlorobenzene	3300	U
98-07-7	Benzotrichloride	6700	U
924-16-3	N-Nitroso-di-n-butylamine	3300	U
59-50-7	4-Chloro-3-Methylphenol	3300	U
106-50-3	p-Phenylenediamine	3300	U
94-59-7	Safrole	3300	U
106-50-3	m-Phenylenediamine	3300	U
91-57-6	2-Methylnaphthalene	3300	U
90-12-0	1-Methylnaphthalene	3300	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3300	U
634-90-2	1,2,3,5-Tetrachlorobenzene	3300	U
77-47-4	Hexachlorocyclopentadiene	3300	U
88-06-2	2,4,6-Trichlorophenol	6700	U
95-95-4	2,4,5-Trichlorophenol	6700	U
120-58-1	Isosafrole	6700	U
91-58-7	2-Chloronaphthalene	3300	U
90-13-1	1-Chloronaphthalene	3300	U
634-66-2	1,2,3,4-Tetrachlorobenzene	3300	U
88-74-4	2-Nitroaniline	3300	U
130-15-4	1,4-Napthoquinone	6700	U
100-25-4	1,4-Dinitrobenzene	6700	U
131-11-3	Dimethyl Phthalate	3300	U
208-96-8	Acenaphthylene	930	J

429753

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X100204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429753

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GD029753B22

Level: (low/med) LOW Date Received: 07/03/91

% Moisture: not dec. 2 dec. \_\_\_\_\_ Date Extracted: 07/05/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/09/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	6700	U
83-32-9-----	Acenaphthene	3300	U
51-28-5-----	2,4-Dinitrophenol	13000	U
100-02-7-----	4-Nitrophenol	3300	U
132-64-9-----	Dibenzofuran	3300	U
121-14-2-----	2,4-Dinitrotoluene	3300	U
608-93-5-----	Pentachlorobenzene	3300	U
91-59-8-----	2-Naphthylamine	6700	U
606-20-2-----	2,6-Dinitrotoluene	3300	U
134-32-7-----	1-Naphthylamine	6700	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	6700	U
84-66-2-----	Diethylphthalate	3300	U
297-97-2-----	Zinophos	3300	U
7005-72-3-----	4-Chlorophenyl-phenylether	3300	U
86-73-7-----	Fluorene	3300	U
100-01-6-----	4-Nitroaniline	6700	U
99-55-8-----	5-Nitro-o-toluidine	6700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	10000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	3300	U
122-39-4-----	Diphenylamine	3300	U
99-35-4-----	1,3,5-Trinitrobenzene	6700	U
122-66-7-----	1,2-Diphenylhydrazine	3300	U
62-44-2-----	Phenacetin	3300	U
101-55-3-----	4-Bromophenyl-phenylether	3300	U
2303-16-4-----	Diallate	3300	U
60-51-5-----	Dimethoate	3300	U
118-74-1-----	Hexachlorobenzene	3300	U
92-67-1-----	4-Aminobiphenyl	3300	U
23950-58-5-----	Pronamide	3300	U
87-86-5-----	Pentachlorophenol	6700	U
82-68-8-----	Pentachloronitrobenzene	3300	U
85-01-8-----	Phenanthrene	2700	J
120-12-7-----	Anthracene	3300	U
84-74-2-----	Di-n-Butylphthalate	3300	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.



91-80-5-----Methapyrilene	6700	U
50-18-0-----Cyclophosphamide	16000	U
206-44-0-----Fluoranthene	4200	
92-87-5-----Benzidine	3300	U
129-00-0-----Pyrene	6200	
60-11-7-----p-Dimethylaminoazobenzene	3300	U
510-15-6-----Chlorobenzilate	3300	U
119-93-7-----3,3'-Dimethylbenzidine	6700	U
85-68-7-----Butylbenzylphthalate	3300	U
53-96-3-----2-Acetylaminofluorene	3300	U
101-14-4-----Methylene-bis(2-Chloroaniline	3300	U
91-94-1-----3,3'-Dichlorobenzidine	3300	U
106-51-4-----3,3'-Dimethoxybenzidine	3300	U
56-55-3-----Benzo(a)Anthracene	2200	J
218-01-9-----Chrysene	2600	J
117-81-7-----bis(2-Ethylhexyl)Phthalate	490	J
117-84-0-----Di-n-Octyl Phthalate	3300	U
205-99-2-----Benzo(b)Fluoranthene	2100	J
57-97-6-----7,12-Dimethylbenzanthracene	3300	U
207-08-9-----Benzo(k)Fluoranthene	3100	J
50-32-8-----Benzo(a)Pyrene	2500	J
56-49-5-----3-Methylcholanthrene	3300	U
224-42-0-----Dibenzo(a,j)acridine	3300	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	950	J
53-70-3-----Dibenz(a,h)Anthracene	3300	U
191-24-2-----Benzo(g,h,i)Perylene	1300	J

(1) - Cannot be separated from Diphenylamine

429753

FORM I SV-3

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X050810

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428531  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD028531C22  
 Level: (low/med) LOW Date Received: 06/26/91  
 % Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 07/01/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	7800	U
83-32-9-----	Acenaphthene	490	J
51-28-5-----	2,4-Dinitrophenol	15000	U
100-02-7-----	4-Nitrophenol	3900	U
132-64-9-----	Dibenzofuran	410	J
121-14-2-----	2,4-Dinitrotoluene	3900	U
608-93-5-----	Pentachlorobenzene	520	J
91-59-8-----	2-Naphthylamine	7800	U
606-20-2-----	2,6-Dinitrotoluene	3900	U
134-32-7-----	1-Naphthylamine	7800	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	7800	U
84-66-2-----	Diethylphthalate	3900	U
297-97-2-----	Zinophos	3900	U
7005-72-3-----	4-Chlorophenyl-phenylether	3900	U
86-73-7-----	Fluorene	800	J
100-01-6-----	4-Nitroaniline	7800	U
99-55-8-----	5-Nitro-o-toluidine	7800	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	12000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	3900	U
122-39-4-----	Diphenylamine	3900	U
99-35-4-----	1,3,5-Trinitrobenzene	7800	U
122-66-7-----	1,2-Diphenylhydrazine	3900	U
62-44-2-----	Phenacetin	3900	U
101-55-3-----	4-Bromophenyl-phenylether	3900	U
2303-16-4-----	Diallate	3900	U
60-51-5-----	Dimethoate	3900	U
118-74-1-----	Hexachlorobenzene	3900	U
92-67-1-----	4-Aminobiphenyl	3900	U
23950-58-5-----	Pronamide	3900	U
87-86-5-----	Pentachlorophenol	7800	U
82-68-8-----	Pentachloronitrobenzene	3900	U
85-01-8-----	Phenanthrene	2800	J
120-12-7-----	Anthracene	670	J
84-74-2-----	Di-n-Butylphthalate	3900	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X110406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 429494

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH029494A06

Level: (low/med) LOW Date Received: 07/02/91

% Moisture: not dec. 8 dec. \_\_\_\_\_ Date Extracted: 07/03/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/06/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9-----	N-Nitrosodimethylamine	360	U
110-86-1-----	Pyridine	360	U
97-63-2-----	Ethyl methacrylate	360	U
123-63-7-----	Paraldehyde	360	U
109-06-8-----	2-Picoline	720	U
10595-95-6-----	Nitrosomethylethylamine	360	U
66-27-3-----	Methyl methanesulfonate	360	U
108-95-2-----	Phenol	360	U
55-18-5-----	N-Nitrosodiethylamine	360	U
62-50-0-----	Ethyl methanesulfonate	360	U
62-53-3-----	Aniline	360	U
76-01-7-----	Pentachloroethane	360	U
111-44-4-----	bis(2-Chloroethyl) Ether	720	U
95-57-8-----	2-Chlorophenol	360	U
541-73-1-----	1,3-Dichlorobenzene	360	U
100-44-7-----	Benzyl Chloride	360	U
106-46-7-----	1,4-Dichlorobenzene	360	U
100-51-6-----	Benzyl Alcohol	360	U
95-50-1-----	1,2-Dichlorobenzene	360	U
95-48-7-----	2-Methylphenol	360	U
39638-32-9-----	bis(2-Chloroisopropyl) Ether	360	U
108-39-4-----	3-Methylphenol	360	U
106-44-5-----	4-Methylphenol	360	U
930-55-2-----	N-Nitrosopyrrolidine	360	U
59-89-2-----	N-Nitrosomorpholine	360	U
98-86-2-----	Acetophenone	360	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	360	U
636-21-5-----	o-Toluidine hydrochloride	360	U
67-72-1-----	Hexachloroethane	360	U
98-95-3-----	Nitrobenzene	360	U
100-75-4-----	N-Nitrosopiperidine	360	U
78-59-1-----	Isophorone	360	U
88-75-5-----	2-Nitrophenol	360	U
105-67-9-----	2,4-Dimethylphenol	360	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X110406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 429494  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH029494A06  
 Level: (low/med) LOW Date Received: 07/02/91  
 % Moisture: not dec. 8 dec. \_\_\_\_\_ Date Extracted: 07/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/06/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	720	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	360	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
608-93-5	Pentachlorobenzene	360	U
91-59-8	2-Naphthylamine	720	U
606-20-2	2,6-Dinitrotoluene	360	U
134-32-7	1-Naphthylamine	720	U
58-90-2	2,3,4,6-Tetrachlorophenol	720	U
84-66-2	Diethylphthalate	360	U
297-97-2	Zinophos	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	720	U
99-55-8	5-Nitro-o-toluidine	720	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
122-39-4	Diphenylamine	360	U
99-35-4	1,3,5-Trinitrobenzene	720	U
122-66-7	1,2-Diphenylhydrazine	360	U
62-44-2	Phenacetin	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
2303-16-4	Diallate	360	U
60-51-5	Dimethoate	360	U
118-74-1	Hexachlorobenzene	360	U
92-67-1	4-Aminobiphenyl	360	U
23950-58-5	Pronamide	360	U
87-86-5	Pentachlorophenol	720	U
82-68-8	Pentachloronitrobenzene	360	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	720	U
50-18-0-----Cyclophosphamide	1700	U
206-44-0-----Fluoranthene	58	J
92-87-5-----Benzidine	360	U
129-00-0-----Pyrene	52	J
60-11-7-----p-Dimethylaminoazobenzene	360	U
510-15-6-----Chlorobenzilate	360	U
119-93-7-----3,3'-Dimethylbenzidine	720	U
85-68-7-----Butylbenzylphthalate	360	U
53-96-3-----2-Acetylaminofluorene	360	U
101-14-4-----Methylene-bis(2-Chloroaniline	360	U
91-94-1-----3,3'-Dichlorobenzidine	360	U
106-51-4-----3,3'-Dimethoxybenzidine	360	U
56-55-3-----Benzo(a)Anthracene	54	J
218-01-9-----Chrysene	360	U
117-81-7-----bis(2-Ethylhexyl)Phthalate	110	J
117-84-0-----Di-n-Octyl Phthalate	360	U
205-99-2-----Benzo(b)Fluoranthene	99	JX
57-97-6-----7,12-Dimethylbenzanthracene	360	U
207-08-9-----Benzo(k)Fluoranthene	99	JX
50-32-8-----Benzo(a)Pyrene	46	J
56-49-5-----3-Methylcholanthrene	360	U
224-42-0-----Dibenzo(a,j)acridine	360	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	360	U
53-70-3-----Dibenz(a,h)Anthracene	360	U
191-24-2-----Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

429494

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X120810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429956

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GD029956B22

Level: (low/med) LOW Date Received: 07/05/91

% Moisture: not dec. 32 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	N-Nitrosodimethylamine	4800	U
110-86-1	Pyridine	4800	U
97-63-2	Ethyl methacrylate	4800	U
123-63-7	Paraldehyde	4800	U
109-06-8	2-Picoline	9600	U
10595-95-6	Nitrosomethylethylamine	4800	U
66-27-3	Methyl methanesulfonate	4800	U
108-95-2	Phenol	640	J
55-18-5	N-Nitrosodiethylamine	4800	U
62-50-0	Ethyl methanesulfonate	4800	U
62-53-3	Aniline	4800	U
76-01-7	Pentachloroethane	4800	U
111-44-4	bis(2-Chloroethyl) Ether	9600	U
95-57-8	2-Chlorophenol	4800	U
541-73-1	1,3-Dichlorobenzene	4800	U
106-46-7	1,4-Dichlorobenzene	1400	J
100-51-6	Benzyl Alcohol	4800	U
95-50-1	1,2-Dichlorobenzene	4800	U
95-48-7	2-Methylphenol	4800	U
39638-32-9	bis(2-Chloroisopropyl) Ether	4800	U
108-39-4	3-Methylphenol	4800	U
106-44-5	4-Methylphenol	4800	U
930-55-2	N-Nitrosopyrrolidine	4800	U
59-89-2	N-Nitrosomorpholine	4800	U
98-86-2	Acetophenone	4800	U
621-64-7	N-Nitroso-Di-n-Propylamine	4800	U
636-21-5	o-Toluidine hydrochloride	4800	U
67-72-1	Hexachloroethane	4800	U
98-95-3	Nitrobenzene	4800	U
100-75-4	N-Nitrosopiperidine	4800	U
78-59-1	Isophorone	4800	U
88-75-5	2-Nitrophenol	4800	U
105-67-9	2,4-Dimethylphenol	4800	U
108-70-3	1,3,5-Trichlorobenzene	4800	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

98-87-3-----	Benzal Chloride	4800	U
65-85-0-----	Benzoic Acid	48000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	4800	U
120-83-2-----	2,4-Dichlorophenol	4800	U
120-82-1-----	1,2,4-Trichlorobenzene	4800	U
91-20-3-----	Naphthalene	1100	J
106-47-8-----	4-Chloroaniline	4800	U
87-65-0-----	2,6-Dichlorophenol	9600	U
95-54-5-----	o-Phenylenediamine	4800	U
122-09-8-----	dimethylphenylethylamine	4800	U
1888-71-7-----	Hexachloropropene	4800	U
87-68-3-----	Hexachlorobutadiene	4800	U
87-61-6-----	1,2,3-Trichlorobenzene	4800	U
98-07-7-----	Benzotrichloride	9600	U
924-16-3-----	N-Nitroso-di-n-butylamine	4800	U
59-50-7-----	4-Chloro-3-Methylphenol	4800	U
106-50-3-----	p-Phenylenediamine	4800	U
94-59-7-----	Safrole	4800	U
106-50-3-----	m-Phenylenediamine	4800	U
91-57-6-----	2-Methylnaphthalene	4800	U
90-12-0-----	1-Methylnaphthalene	4800	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	4800	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	4800	U
77-47-4-----	Hexachlorocyclopentadiene	4800	U
88-06-2-----	2,4,6-Trichlorophenol	9600	U
95-95-4-----	2,4,5-Trichlorophenol	9600	U
120-58-1-----	Isosafrole	9600	U
91-58-7-----	2-Chloronaphthalene	4800	U
90-13-1-----	1-Chloronaphthalene	4800	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	4800	U
88-74-4-----	2-Nitroaniline	4800	U
130-15-4-----	1,4-Naphthoquinone	9600	U
100-25-4-----	1,4-Dinitrobenzene	9600	U
131-11-3-----	Dimethyl Phthalate	4800	U
208-96-8-----	Acenaphthylene	4800	U

429956

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X120810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429956

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GD029956B22

Level: (low/med) LOW Date Received: 07/05/91

% Moisture: not dec. 32 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	9600	U
83-32-9	Acenaphthene	4800	U
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	4800	U
132-64-9	Dibenzofuran	4800	U
121-14-2	2,4-Dinitrotoluene	4800	U
608-93-5	Pentachlorobenzene	4800	U
91-59-8	2-Naphthylamine	9600	U
606-20-2	2,6-Dinitrotoluene	4800	U
134-32-7	1-Naphthylamine	9600	U
58-90-2	2,3,4,6-Tetrachlorophenol	9600	U
84-66-2	Diethylphthalate	4800	U
297-97-2	Zinophos	4800	U
7005-72-3	4-Chlorophenyl-phenylether	4800	U
86-73-7	Fluorene	4800	U
100-01-6	4-Nitroaniline	9600	U
99-55-8	5-Nitro-o-toluidine	9600	U
534-52-1	4,6-Dinitro-2-Methylphenol	14000	U
86-30-6	N-Nitrosodiphenylamine (1)	4800	U
122-39-4	Diphenylamine	4800	U
99-35-4	1,3,5-Trinitrobenzene	9600	U
122-66-7	1,2-Diphenylhydrazine	4800	U
62-44-2	Phenacetin	4800	U
101-55-3	4-Bromophenyl-phenylether	4800	U
2303-16-4	Diallate	4800	U
60-51-5	Dimethoate	4800	U
118-74-1	Hexachlorobenzene	4800	U
92-67-1	4-Aminobiphenyl'	4800	U
23950-58-5	Pronamide	4800	U
87-86-5	Pentachlorophenol	9600	U
82-68-8	Pentachloronitrobenzene	4800	U
85-01-8	Phenanthrene	4800	U
120-12-7	Anthracene	4800	U
84-74-2	Di-n-Butylphthalate	4800	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.



91-80-5-----Methapyrilene	9600	U
50-18-0-----Cyclophosphamide	23000	U
206-44-0-----Fluoranthene	4800	U
92-87-5-----Benzidine	4800	U
129-00-0-----Pyrene	4800	U
60-11-7-----p-Dimethylaminoazobenzene	4800	U
510-15-6-----Chlorobenzilate	4800	U
119-93-7-----3,3'-Dimethylbenzidine	9600	U
85-68-7-----Butylbenzylphthalate	4800	U
53-96-3-----2-Acetylaminofluorene	4800	U
101-14-4-----Methylene-bis(2-Chloroaniline	4800	U
91-94-1-----3,3'-Dichlorobenzidine	4800	U
106-51-4-----3,3'-Dimethoxybenzidine	4800	U
56-55-3-----Benzo(a)Anthracene	4800	U
218-01-9-----Chrysene	4800	U
117-81-7-----bis(2-Ethylhexyl)Phthalate	4800	U
117-84-0-----Di-n-Octyl Phthalate	4800	U
205-99-2-----Benzo(b)Fluoranthene	4800	U
57-97-6-----7,12-Dimethylbenzanthracene	4800	U
207-08-9-----Benzo(k)Fluoranthene	4800	U
50-32-8-----Benzo(a)Pyrene	4800	U
56-49-5-----3-Methylcholanthrene	4800	U
224-42-0-----Dibenzo(a,j)acridine	4800	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	4800	U
53-70-3-----Dibenz(a,h)Anthracene	4800	U
191-24-2-----Benzo(g,h,i)Perylene	4800	U

(1) - Cannot be separated from Diphenylamine

427956

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X130002

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429940

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2J29940B04

Level: (low/med) LOW Date Received: 07/05/91

% Moisture: not dec. 24 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/12/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
62-75-9	N-Nitrosodimethylamine	430	U
110-86-1	Pyridine	430	U
97-63-2	Ethyl methacrylate	430	U
123-63-7	Paraldehyde	430	U
109-06-8	2-Picoline	870	U
10595-95-6	Nitrosomethylethylamine	430	U
66-27-3	Methyl methanesulfonate	430	U
108-95-2	Phenol	430	U
55-18-5	N-Nitrosodiethylamine	430	U
62-50-0	Ethyl methanesulfonate	430	U
62-53-3	Aniline	430	U
76-01-7	Pentachloroethane	430	U
111-44-4	bis(2-Chloroethyl) Ether	870	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
39638-32-9	bis(2-Chloroisopropyl) Ether	430	U
108-39-4	3-Methylphenol	430	U
106-44-5	4-Methylphenol	430	U
930-55-2	N-Nitrosopyrrolidine	430	U
59-89-2	N-Nitrosomorpholine	430	U
98-86-2	Acetophenone	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
636-21-5	o-Toluidine hydrochloride	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
100-75-4	N-Nitrosopiperidine	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
108-70-3	1,3,5-Trichlorobenzene	430	U

FORM I SV-1

1/87 Rev.

98-87-3	-----Benzal Chloride	430	U
65-85-0	-----Benzoic Acid	84	BJ
111-91-1	-----bis(2-Chloroethoxy)Methane	430	U
120-83-2	-----2,4-Dichlorophenol	430	U
120-82-1	-----1,2,4-Trichlorobenzene	430	U
91-20-3	-----Naphthalene	430	U
106-47-8	-----4-Chloroaniline	430	U
87-65-0	-----2,6-Dichlorophenol	870	U
95-54-5	-----o-Phenylenediamine	430	U
122-09-8	-----dimethylphenylethylamine	430	U
1888-71-7	-----Hexachloropropene	430	U
87-68-3	-----Hexachlorobutadiene	430	U
87-61-6	-----1,2,3-Trichlorobenzene	430	U
98-07-7	-----Benzotrichloride	870	U
924-16-3	-----N-Nitroso-di-n-butylamine	430	U
59-50-7	-----4-Chloro-3-Methylphenol	430	U
106-50-3	-----P-Phenylenediamine	430	U
94-59-7	-----Safrole	430	U
106-50-3	-----m-Phenylenediamine	430	U
91-57-6	-----2-Methylnaphthalene	430	U
90-12-0	-----1-Methylnaphthalene	430	U
95-94-3	-----1,2,4,5-Tetrachlorobenzene	430	U
634-90-2	-----1,2,3,5-Tetrachlorobenzene	430	U
77-47-4	-----Hexachlorocyclopentadiene	430	U
88-06-2	-----2,4,6-Trichlorophenol	870	U
95-95-4	-----2,4,5-Trichlorophenol	870	U
120-58-1	-----Isosafrole	870	U
91-58-7	-----2-Chloronaphthalene	430	U
90-13-1	-----1-Chloronaphthalene	430	U
634-66-2	-----1,2,3,4-Tetrachlorobenzene	430	U
88-74-4	-----2-Nitroaniline	430	U
130-15-4	-----1,4-Naphthoquinone	870	U
100-25-4	-----1,4-Dinitrobenzene	870	U
131-11-3	-----Dimethyl Phthalate	430	U
208-96-8	-----Acenaphthylene	45	J

42 9940

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X130002

Lab Name: COMPUCHEM RTP Contract: 500077  
 Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677  
 Matrix: (soil/water) SOIL Lab Sample ID: 429940  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2J29940B04  
 Level: (low/med) LOW Date Received: 07/05/91  
 % moisture: not dec. 24 dec. \_\_\_\_\_ Date Extracted: 07/08/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/12/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-2-----	3-Nitroaniline	870	U
83-32-9-----	Acenaphthene	430	U
51-28-5-----	2,4-Dinitrophenol	1700	U
100-02-7-----	4-Nitrophenol	430	U
132-64-9-----	Dibenzofuran	430	U
121-14-2-----	2,4-Dinitrotoluene	430	U
608-93-5-----	Pentachlorobenzene	430	U
91-59-8-----	2-Naphthylamine	870	U
606-20-2-----	2,6-Dinitrotoluene	430	U
134-32-7-----	1-Naphthylamine	870	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	870	U
84-66-2-----	Diethylphthalate	430	U
297-97-2-----	Zinophos	430	U
7005-72-3-----	4-Chlorophenyl-phenylether	430	U
86-73-7-----	Fluorene	430	U
100-01-6-----	4-Nitroaniline	870	U
99-55-8-----	5-Nitro-o-toluidine	870	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	430	U
122-39-4-----	Diphenylamine	430	U
99-35-4-----	1,3,5-Trinitrobenzene	870	U
122-66-7-----	1,2-Diphenylhydrazine	430	U
62-44-2-----	Phenacetin	430	U
101-55-3-----	4-Bromophenyl-phenylether	430	U
2303-16-4-----	Diallate	430	U
60-51-5-----	Dimethoate	430	U
118-74-1-----	Hexachlorobenzene	430	U
92-67-1-----	4-Aminobiphenyl	430	U
23950-58-5-----	Pronamide	430	U
87-86-5-----	Pentachlorophenol	870	U
82-68-8-----	Pentachloronitrobenzene	430	U
85-01-8-----	Phenanthrene	210	J
120-12-7-----	Anthracene	430	U
84-74-2-----	Di-n-Butylphthalate	430	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X140406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 430003

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G2D30003C04

Level: (low/med) LOW Date Received: 07/06/91

% Moisture: not dec. 24 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/12/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9-----N-Nitrosodimethylamine	4300	U
110-86-1-----Pyridine	4300	U
97-63-2-----Ethyl methacrylate	4300	U
123-63-7-----Paraldehyde	4300	U
109-06-8-----2-Picoline	8700	U
10595-95-6-----Nitrosomethylethylamine	4300	U
66-27-3-----Methyl methanesulfonate	4300	U
108-95-2-----Phenol	4300	U
55-18-5-----N-Nitrosodiethylamine	4300	U
62-50-0-----Ethyl methanesulfonate	4300	U
62-53-3-----Aniline	4300	U
76-01-7-----Pentachloroethane	4300	U
111-44-4-----bis(2-Chloroethyl) Ether	8700	U
95-57-8-----2-Chlorophenol	4300	U
541-73-1-----1,3-Dichlorobenzene	4300	U
106-46-7-----1,4-Dichlorobenzene	4300	U
100-51-6-----Benzyl Alcohol	4300	U
95-50-1-----1,2-Dichlorobenzene	4300	U
95-48-7-----2-Methylphenol	4300	U
39638-32-9-----bis(2-Chloroisopropyl) Ether	4300	U
108-39-4-----3-Methylphenol	4300	U
106-44-5-----4-Methylphenol	4300	U
930-55-2-----N-Nitrosopyrrolidine	4300	U
59-89-2-----N-Nitrosomorpholine	4300	U
98-86-2-----Acetophenone	21000	
621-64-7-----N-Nitroso-Di-n-Propylamine	4300	U
636-21-5-----o-Toluidine hydrochloride	4300	U
67-72-1-----Hexachloroethane	4300	U
98-95-3-----Nitrobenzene	4300	U
100-75-4-----N-Nitrosopiperidine	4300	U
78-59-1-----Isophorone	4300	U
88-75-5-----2-Nitrophenol	4300	U
105-67-9-----2,4-Dimethylphenol	4300	U
108-70-3-----1,3,5-Trichlorobenzene	4300	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

30-87-3	Benzal Chloride	4300	U
65-85-0	Benzoic Acid	6900	BJ
111-91-1	bis(2-Chloroethoxy)Methane	4300	U
120-83-2	2,4-Dichlorophenol	4300	U
120-82-1	1,2,4-Trichlorobenzene	4300	U
91-20-3	Naphthalene	1100000	E
106-47-8	4-Chloroaniline	4300	U
87-65-0	2,6-Dichlorophenol	8700	U
95-54-5	o-Phenylenediamine	4300	U
122-09-8	dimethylphenylethylamine	4300	U
1888-71-7	Hexachloropropene	4300	U
87-68-3	Hexachlorobutadiene	4300	U
87-61-6	1,2,3-Trichlorobenzene	4300	U
98-07-7	Benzotrichloride	8700	U
924-16-3	N-Nitroso-di-n-butylamine	4300	U
59-50-7	4-Chloro-3-Methylphenol	4300	U
106-50-3	P-Phenylenediamine	4300	U
94-59-7	Safrole	4300	U
106-50-3	m-Phenylenediamine	4300	U
91-57-6	2-Methylnaphthalene	260000	E
90-12-0	1-Methylnaphthalene	350000	E
95-94-3	1,2,4,5-Tetrachlorobenzene	4300	U
634-90-2	1,2,3,5-Tetrachlorobenzene	4300	U
77-47-4	Hexachlorocyclopentadiene	4300	U
88-06-2	2,4,6-Trichlorophenol	8700	U
95-95-4	2,4,5-Trichlorophenol	8700	U
120-58-1	Isosafrole	8700	U
91-58-7	2-Chloronaphthalene	4300	U
90-13-1	1-Chloronaphthalene	4300	U
634-66-2	1,2,3,4-Tetrachlorobenzene	4300	U
88-74-4	2-Nitroaniline	4300	U
130-15-4	1,4-Naphthoquinone	8700	U
100-25-4	1,4-Dinitrobenzene	8700	U
131-11-3	Dimethyl Phthalate	4300	U
208-96-8	Acenaphthylene	23000	

430 003

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X140406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 430003

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G2D30003C04

Level: (low/med) LOW Date Received: 07/06/91

% Moisture: not dec. 24 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/12/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	8700	U
83-32-9	Acenaphthene	9700	
51-28-5	2,4-Dinitrophenol	17000	U
100-02-7	4-Nitrophenol	4300	U
132-64-9	Dibenzofuran	14000	
121-14-2	2,4-Dinitrotoluene	4300	U
608-93-5	Pentachlorobenzene	4300	U
91-59-8	2-Naphthylamine	8700	U
606-20-2	2,6-Dinitrotoluene	4300	U
134-32-7	1-Naphthylamine	8700	U
58-90-2	2,3,4,6-Tetrachlorophenol	8700	U
84-66-2	Diethylphthalate	4300	U
297-97-2	Zinophos	4300	U
7005-72-3	4-Chlorophenyl-phenylether	4300	U
86-73-7	Fluorene	57000	
100-01-6	4-Nitroaniline	8700	U
99-55-8	5-Nitro-o-toluidine	8700	U
534-52-1	4,6-Dinitro-2-Methylphenol	13000	U
86-30-6	N-Nitrosodiphenylamine (1)	4300	U
122-39-4	Diphenylamine	4300	U
99-35-4	1,3,5-Trinitrobenzene	8700	U
122-66-7	1,2-Diphenylhydrazine	4300	U
62-44-2	Phenacetin	4300	U
101-55-3	4-Bromophenyl-phenylether	4300	U
2303-16-4	Diallate	4300	U
60-51-5	Dimethoate	4300	U
118-74-1	Hexachlorobenzene	4300	U
92-67-1	4-Aminobiphenyl	4300	U
23950-58-5	Pronamide	4300	U
87-86-5	Pentachlorophenol	8700	U
82-68-8	Pentachloronitrobenzene	4300	U
85-01-8	Phenanthrene	290000	E
120-12-7	Anthracene	12000	
84-74-2	Di-n-Butylphthalate	4300	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	8700	U
50-18-0-----	Cyclophosphamide	21000	U
206-44-0-----	Fluoranthene	180000	E
92-87-5-----	Benzidine	4300	U
129-00-0-----	Pyrene	260000	E
60-11-7-----	p-Dimethylaminoazobenzene	4300	U
510-15-6-----	Chlorobenzilate	4300	U
119-93-7-----	3,3'-Dimethylbenzidine	8700	U
85-68-7-----	Butylbenzylphthalate	4300	U
53-96-3-----	2-Acetylaminofluorene	4300	U
101-14-4-----	Methylene-bis(2-Chloroaniline	4300	U
91-94-1-----	3,3'-Dichlorobenzidine	4300	U
106-51-4-----	3,3'-Dimethoxybenzidine	4300	U
56-55-3-----	Benzo(a)Anthracene	66000	
218-01-9-----	Chrysene	86000	E
117-81-7-----	bis(2-Ethylhexyl)Phthalate	4300	U
117-84-0-----	Di-n-Octyl Phthalate	4300	U
205-99-2-----	Benzo(b)Fluoranthene	120000	EX
57-97-6-----	7,12-Dimethylbenzanthracene	4300	U
207-08-9-----	Benzo(k)Fluoranthene	120000	EX
50-32-8-----	Benzo(a)Pyrene	21000	
56-49-5-----	3-Methylcholanthrene	4300	U
224-42-0-----	Dibenzo(a,j)acridine	4300	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	29000	
53-70-3-----	Dibenz(a,h)Anthracene	11000	
191-24-2-----	Benzo(g,h,i)Perylene	45000	

(1) - Cannot be separated from Diphenylamine

430003

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X140406DL

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 430003

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G6D30003B06

Level: (low/med) LOW Date Received: 07/06/91

% Moisture: not dec. 24 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1000

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
62-75-9	N-Nitrosodimethylamine	430000	U
110-86-1	Pyridine	430000	U
97-63-2	Ethyl methacrylate	430000	U
123-63-7	Paraldehyde	430000	U
109-06-8	2-Picoline	870000	U
10595-95-6	Nitrosomethylethylamine	430000	U
66-27-3	Methyl methanesulfonate	430000	U
108-95-2	Phenol	430000	U
55-18-5	N-Nitrosodiethylamine	430000	U
62-50-0	Ethyl methanesulfonate	430000	U
62-53-3	Aniline	430000	U
76-01-7	Pentachloroethane	430000	U
111-44-4	bis(2-Chloroethyl) Ether	870000	U
95-57-8	2-Chlorophenol	430000	U
541-73-1	1,3-Dichlorobenzene	430000	U
106-46-7	1,4-Dichlorobenzene	430000	U
100-51-6	Benzyl Alcohol	430000	U
95-50-1	1,2-Dichlorobenzene	430000	U
95-48-7	2-Methylphenol	430000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	430000	U
108-39-4	3-Methylphenol	430000	U
106-44-5	4-Methylphenol	430000	U
930-55-2	N-Nitrosopyrrolidine	430000	U
59-89-2	N-Nitrosomorpholine	430000	U
98-86-2	Acetophenone	430000	U
621-64-7	N-Nitroso-Di-n-Propylamine	430000	U
636-21-5	o-Toluidine hydrochloride	430000	U
67-72-1	Hexachloroethane	430000	U
98-95-3	Nitrobenzene	430000	U
100-75-4	N-Nitrosopiperidine	430000	U
78-59-1	Isophorone	430000	U
88-75-5	2-Nitrophenol	430000	U
105-67-9	2,4-Dimethylphenol	430000	U
108-70-3	1,3,5-Trichlorobenzene	430000	U

FORM I SV-1

1/87 Rev.

98-87-3-----	Benzal Chloride	430000	U
65-85-0-----	Benzoic Acid	4300000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	430000	U
120-83-2-----	2,4-Dichlorophenol	430000	U
120-82-1-----	1,2,4-Trichlorobenzene	430000	U
91-20-3-----	Naphthalene	45000000	D
106-47-8-----	4-Chloroaniline	430000	U
87-65-0-----	2,6-Dichlorophenol	870000	U
95-54-5-----	o-Phenylenediamine	430000	U
122-09-8-----	dimethylphenylethylamine	430000	U
1888-71-7-----	Hexachloropropene	430000	U
87-68-3-----	Hexachlorobutadiene	430000	U
87-61-6-----	1,2,3-Trichlorobenzene	430000	U
98-07-7-----	Benzotrichloride	870000	U
924-16-3-----	N-Nitroso-di-n-butylamine	430000	U
59-50-7-----	4-Chloro-3-Methylphenol	430000	U
106-50-3-----	P-Phenylenediamine	430000	U
94-59-7-----	Safrole	430000	U
106-50-3-----	m-Phenylenediamine	430000	U
91-57-6-----	2-Methylnaphthalene	1800000	D
90-12-0-----	1-Methylnaphthalene	2700000	D
95-94-3-----	1,2,4,5-Tetrachlorobenzene	430000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	430000	U
77-47-4-----	Hexachlorocyclopentadiene	430000	U
88-06-2-----	2,4,6-Trichlorophenol	870000	U
95-95-4-----	2,4,5-Trichlorophenol	870000	U
120-58-1-----	Isosafrole	870000	U
91-58-7-----	2-Chloronaphthalene	430000	U
90-13-1-----	1-Chloronaphthalene	430000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	430000	U
88-74-4-----	2-Nitroaniline	430000	U
130-15-4-----	1,4-Naphthoquinone	870000	U
100-25-4-----	1,4-Dinitrobenzene	870000	U
131-11-3-----	Dimethyl Phthalate	430000	U
208-96-8-----	Acenaphthylene	430000	U

430003

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X140406DL

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 430003

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G6D30003B06

Level: (low/med) LOW Date Received: 07/06/91

% Moisture: not dec. 24 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	870000	U
83-32-9	Acenaphthene	430000	U
51-28-5	2,4-Dinitrophenol	1700000	U
100-02-7	4-Nitrophenol	430000	U
132-64-9	Dibenzofuran	430000	U
121-14-2	2,4-Dinitrotoluene	430000	U
608-93-5	Pentachlorobenzene	430000	U
91-59-8	2-Naphthylamine	870000	U
606-20-2	2,6-Dinitrotoluene	430000	U
134-32-7	1-Naphthylamine	870000	U
58-90-2	2,3,4,6-Tetrachlorophenol	870000	U
84-66-2	Diethylphthalate	430000	U
297-97-2	Zinophos	430000	U
7005-72-3	4-Chlorophenyl-phenylether	430000	U
86-73-7	Fluorene	430000	U
100-01-6	4-Nitroaniline	870000	U
99-55-8	5-Nitro-o-toluidine	870000	U
534-52-1	4,6-Dinitro-2-Methylphenol	1300000	U
86-30-6	N-Nitrosodiphenylamine (1)	430000	U
122-39-4	Diphenylamine	430000	U
99-35-4	1,3,5-Trinitrobenzene	870000	U
122-66-7	1,2-Diphenylhydrazine	430000	U
62-44-2	Phenacetin	430000	U
101-55-3	4-Bromophenyl-phenylether	430000	U
2303-16-4	Diallate	430000	U
60-51-5	Dimethoate	430000	U
118-74-1	Hexachlorobenzene	430000	U
92-67-1	4-Aminobiphenyl	430000	U
23950-58-5	Pronamide	430000	U
87-86-5	Pentachlorophenol	870000	U
82-68-8	Pentachloronitrobenzene	430000	U
85-01-8	Phenanthrene	3500000	D
120-12-7	Anthracene	430000	U
84-74-2	Di-n-Butylphthalate	430000	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	870000	U
50-18-0-----	Cyclophosphamide	2100000	U
206-44-0-----	Fluoranthene	1100000	D
92-87-5-----	Benzidine	430000	U
129-00-0-----	Pyrene	2600000	D
60-11-7-----	p-Dimethylaminoazobenzene	430000	U
510-15-6-----	Chlorobenzilate	430000	U
119-93-7-----	3,3'-Dimethylbenzidine	870000	U
85-68-7-----	Butylbenzylphthalate	430000	U
53-96-3-----	2-Acetylaminofluorene	430000	U
101-14-4-----	Methylene-bis(2-Chloroaniline	430000	U
91-94-1-----	3,3'-Dichlorobenzidine	430000	U
106-51-4-----	3,3'-Dimethoxybenzidine	430000	U
56-55-3-----	Benzo(a)Anthracene	580000	D
218-01-9-----	Chrysene	510000	D
117-81-7-----	bis(2-Ethylhexyl)Phthalate	430000	U
117-84-0-----	Di-n-Octyl Phthalate	430000	U
205-99-2-----	Benzo(b)Fluoranthene	430000	U
57-97-6-----	7,12-Dimethylbenzanthracene	430000	U
207-08-9-----	Benzo(k)Fluoranthene	430000	U
50-32-8-----	Benzo(a)Pyrene	430000	U
56-49-5-----	3-Methylcholanthrene	430000	U
224-42-0-----	Dibenzo(a,j)acridine	430000	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	430000	U
53-70-3-----	Dibenz(a,h)Anthracene	430000	U
191-24-2-----	Benzo(g,h,i)Perylene	430000	U

(1) - Cannot be separated from Diphenylamine

430003

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X150810

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429995

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GH029995C06

Level: (low/med) LOW Date Received: 07/06/91

% Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	410	U
110-86-1	Pyridine	410	U
97-63-2	Ethyl methacrylate	410	U
123-63-7	Paraldehyde	410	U
109-06-8	2-Picoline	810	U
10595-95-6	Nitrosomethylethylamine	410	U
66-27-3	Methyl methanesulfonate	410	U
108-95-2	Phenol	410	U
55-18-5	N-Nitrosodiethylamine	410	U
62-50-0	Ethyl methanesulfonate	410	U
62-53-3	Aniline	410	U
76-01-7	Pentachloroethane	410	U
111-44-4	bis(2-Chloroethyl) Ether	810	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
39638-32-9	bis(2-Chloroisopropyl) Ether	410	U
108-39-4	3-Methylphenol	410	U
106-44-5	4-Methylphenol	410	U
930-55-2	N-Nitrosopyrrolidine	410	U
59-89-2	N-Nitrosomorpholine	410	U
98-86-2	Acetophenone	59	J
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
636-21-5	o-Toluidine hydrochloride	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
100-75-4	N-Nitrosopiperidine	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
108-70-3	1,3,5-Trichlorobenzene	410	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

65-85-0	-----Benzoic Acid	410	U
111-91-1	-----bis(2-Chloroethoxy)Methane	4100	U
120-83-2	-----2,4-Dichlorophenol	410	U
120-82-1	-----1,2,4-Trichlorobenzene	410	U
91-20-3	-----Naphthalene	93	J
106-47-8	-----4-Chloroaniline	410	U
87-65-0	-----2,6-Dichlorophenol	810	U
95-54-5	-----o-Phenylenediamine	410	U
122-09-8	-----dimethylphenylethylamine	410	U
1888-71-7	-----Hexachloropropene	410	U
87-68-3	-----Hexachlorobutadiene	410	U
87-61-6	-----1,2,3-Trichlorobenzene	410	U
98-07-7	-----Benzotrichloride	810	U
924-16-3	-----N-Nitroso-di-n-butylamine	410	U
59-50-7	-----4-Chloro-3-Methylphenol	410	U
106-50-3	-----P-Phenylenediamine	410	U
94-59-7	-----Safrole	410	U
106-50-3	-----m-Phenylenediamine	410	U
91-57-6	-----2-Methylnaphthalene	49	J
90-12-0	-----1-Methylnaphthalene	130	J
95-94-3	-----1,2,4,5-Tetrachlorobenzene	410	U
634-90-2	-----1,2,3,5-Tetrachlorobenzene	410	U
77-47-4	-----Hexachlorocyclopentadiene	410	U
88-06-2	-----2,4,6-Trichlorophenol	810	U
95-95-4	-----2,4,5-Trichlorophenol	810	U
120-58-1	-----Isosafrole	810	U
91-58-7	-----2-Chloronaphthalene	410	U
90-13-1	-----1-Chloronaphthalene	410	U
634-66-2	-----1,2,3,4-Tetrachlorobenzene	410	U
88-74-4	-----2-Nitroaniline	410	U
130-15-4	-----1,4-Naphthoquinone	810	U
100-25-4	-----1,4-Dinitrobenzene	810	U
131-11-3	-----Dimethyl Phthalate	410	U
208-96-8	-----Acenaphthylene	350	J

429995

FORM I SV-1

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X150810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429995

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GH029995C06

Level: (low/med) LOW Date Received: 07/06/91

% Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	410	U
110-86-1	Pyridine	410	U
97-63-2	Ethyl methacrylate	410	U
123-63-7	Paraldehyde	410	U
109-06-8	2-Picoline	810	U
10595-95-6	Nitrosomethylethylamine	410	U
66-27-3	Methyl methanesulfonate	410	U
108-95-2	Phenol	410	U
55-18-5	N-Nitrosodiethylamine	410	U
62-50-0	Ethyl methanesulfonate	410	U
62-53-3	Aniline	410	U
76-01-7	Pentachloroethane	410	U
111-44-4	bis(2-Chloroethyl) Ether	810	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
39638-32-9	bis(2-Chloroisopropyl) Ether	410	U
108-39-4	3-Methylphenol	410	U
106-44-5	4-Methylphenol	410	U
930-55-2	N-Nitrosopyrrolidine	410	U
59-89-2	N-Nitrosomorpholine	410	U
98-86-2	Acetophenone	59	J
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
636-21-5	o-Toluidine hydrochloride	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
100-75-4	N-Nitrosopiperidine	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
108-70-3	1,3,5-Trichlorobenzene	410	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

65-85-0	-----Benzoic Acid	4100	U
111-91-1	-----bis(2-Chloroethoxy)Methane	410	U
120-83-2	-----2,4-Dichlorophenol	410	U
120-82-1	-----1,2,4-Trichlorobenzene	410	U
91-20-3	-----Naphthalene	93	J
106-47-8	-----4-Chloroaniline	410	U
87-65-0	-----2,6-Dichlorophenol	810	U
95-54-5	-----o-Phenylenediamine	410	U
122-09-8	-----dimethylphenylethylamine	410	U
1888-71-7	-----Hexachloropropene	410	U
87-68-3	-----Hexachlorobutadiene	410	U
87-61-6	-----1,2,3-Trichlorobenzene	410	U
98-07-7	-----Benzotrichloride	810	U
924-16-3	-----N-Nitroso-di-n-butylamine	410	U
59-50-7	-----4-Chloro-3-Methylphenol	410	U
106-50-3	-----P-Phenylenediamine	410	U
94-59-7	-----Safrole	410	U
106-50-3	-----m-Phenylenediamine	410	U
91-57-6	-----2-Methylnaphthalene	49	J
90-12-0	-----1-Methylnaphthalene	130	J
95-94-3	-----1,2,4,5-Tetrachlorobenzene	410	U
634-90-2	-----1,2,3,5-Tetrachlorobenzene	410	U
77-47-4	-----Hexachlorocyclopentadiene	410	U
88-06-2	-----2,4,6-Trichlorophenol	810	U
95-95-4	-----2,4,5-Trichlorophenol	810	U
120-58-1	-----Isosafrole	810	U
91-58-7	-----2-Chloronaphthalene	410	U
90-13-1	-----1-Chloronaphthalene	410	U
634-66-2	-----1,2,3,4-Tetrachlorobenzene	410	U
88-74-4	-----2-Nitroaniline	410	U
130-15-4	-----1,4-Napththoquinone	810	U
100-25-4	-----1,4-Dinitrobenzene	810	U
131-11-3	-----Dimethyl Phthalate	410	U
208-96-8	-----Acenaphthylene	350	J

429995

FORM I SV-1

1/87 Rev.



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X150810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 429995

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GH029995C06

Level: (low/med) LOW Date Received: 07/06/91

% Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 07/08/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	810	U
83-32-9-----	Acenaphthene	410	U
51-28-5-----	2,4-Dinitrophenol	1600	U
100-02-7-----	4-Nitrophenol	410	U
132-64-9-----	Dibenzofuran	410	U
121-14-2-----	2,4-Dinitrotoluene	410	U
608-93-5-----	Pentachlorobenzene	410	U
91-59-8-----	2-Naphthylamine	810	U
606-20-2-----	2,6-Dinitrotoluene	410	U
134-32-7-----	1-Naphthylamine	810	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	810	U
84-66-2-----	Diethylphthalate	410	U
297-97-2-----	Zinophos	410	U
7005-72-3-----	4-Chlorophenyl-phenylether	410	U
86-73-7-----	Fluorene	140	J
100-01-6-----	4-Nitroaniline	810	U
99-55-8-----	5-Nitro-o-toluidine	810	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	410	U
122-39-4-----	Diphenylamine	410	U
99-35-4-----	1,3,5-Trinitrobenzene	810	U
122-66-7-----	1,2-Diphenylhydrazine	410	U
62-44-2-----	Phenacetin	410	U
101-55-3-----	4-Bromophenyl-phenylether	410	U
2303-16-4-----	Diallate	410	U
60-51-5-----	Dimethoate	410	U
118-74-1-----	Hexachlorobenzene	410	U
92-67-1-----	4-Aminobiphenyl	410	U
23950-58-5-----	Pronamide	410	U
87-86-5-----	Pentachlorophenol	810	U
82-68-8-----	Pentachloronitrobenzene	410	U
85-01-8-----	Phenanthrene	560	U
120-12-7-----	Anthracene	240	J
84-74-2-----	Di-n-Butylphthalate	410	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	810	U
50-18-0-----Cyclophosphamide	2000	U
206-44-0-----Fluoranthene	950	
92-87-5-----Benzidine	410	U
129-00-0-----Pyrene	1800	
60-11-7-----p-Dimethylaminoazobenzene	410	U
510-15-6-----Chlorobenzilate	410	U
119-93-7-----3,3'-Dimethylbenzidine	810	U
85-68-7-----Butylbenzylphthalate	410	U
53-96-3-----2-Acetylaminofluorene	410	U
101-14-4-----Methylene-bis(2-Chloroaniline	410	U
91-94-1-----3,3'-Dichlorobenzidine	410	U
106-51-4-----3,3'-Dimethoxybenzidine	410	U
56-55-3-----Benzo(a)Anthracene	910	
218-01-9-----Chrysene	770	
117-81-7-----bis(2-Ethylhexyl)Phthalate	200	J
117-84-0-----Di-n-Octyl Phthalate	410	U
205-99-2-----Benzo(b)Fluoranthene	1200	X
57-97-6-----7,12-Dimethylbenzanthracene	410	U
207-08-9-----Benzo(k)Fluoranthene	1200	X
50-32-8-----Benzo(a)Pyrene	660	
56-49-5-----3-Methylcholanthrene	410	U
224-42-0-----Dibenzo(a,j)acridine	410	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	340	J
53-70-3-----Dibenz(a,h)Anthracene	110	J
191-24-2-----Benzo(g,h,i)Perylene	470	

(1) - Cannot be separated from Diphenylamine

H29995

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X160810

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677  
 Matrix: (soil/water) SOIL Lab Sample ID: 430179  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GH030179A22  
 Level: (low/med) LOW Date Received: 07/09/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 07/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	380	U
110-86-1	Pyridine	380	U
97-63-2	Ethyl methacrylate	380	U
123-63-7	Paraldehyde	380	U
109-06-8	2-Picoline	760	U
10595-95-6	Nitrosomethylethylamine	380	U
66-27-3	Methyl methanesulfonate	380	U
108-95-2	Phenol	380	U
55-18-5	N-Nitrosodiethylamine	380	U
62-50-0	Ethyl methanesulfonate	380	U
62-53-3	Aniline	380	U
76-01-7	Pentachloroethane	380	U
111-44-4	bis(2-Chloroethyl) Ether	760	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
39638-32-9	bis(2-Chloroisopropyl) Ether	380	U
108-39-4	3-Methylphenol	380	U
106-44-5	4-Methylphenol	380	U
930-55-2	N-Nitrosopyrrolidine	380	U
59-89-2	N-Nitrosomorpholine	380	U
98-86-2	Acetophenone	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
636-21-5	o-Toluidine hydrochloride	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
100-75-4	N-Nitrosopiperidine	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
108-70-3	1,3,5-Trichlorobenzene	380	U

FORM I SV-1

1/87 Rev.

98-87-3-----Benzal Chloride	380	U
65-85-0-----Benzoic Acid	3800	U
111-91-1-----bis(2-Chloroethoxy)Methane	380	U
120-83-2-----2,4-Dichlorophenol	380	U
120-82-1-----1,2,4-Trichlorobenzene	380	U
91-20-3-----Naphthalene	380	U
106-47-8-----4-Chloroaniline	380	U
87-65-0-----2,6-Dichlorophenol	760	U
95-54-5-----o-Phenylenediamine	380	U
122-09-8-----dimethylphenylethylamine	380	U
1888-71-7-----Hexachloropropene	380	U
87-68-3-----Hexachlorobutadiene	380	U
87-61-6-----1,2,3-Trichlorobenzene	380	U
98-07-7-----Benzotrichloride	760	U
924-16-3-----N-Nitroso-di-n-butylamine	380	U
59-50-7-----4-Chloro-3-Methylphenol	380	U
106-50-3-----P-Phenylenediamine	380	U
94-59-7-----Safrole	380	U
106-50-3-----m-Phenylenediamine	380	U
91-57-6-----2-Methylnaphthalene	380	U
90-12-0-----1-Methylnaphthalene	380	U
95-94-3-----1,2,4,5-Tetrachlorobenzene	380	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	380	U
77-47-4-----Hexachlorocyclopentadiene	380	U
88-06-2-----2,4,6-Trichlorophenol	760	U
95-95-4-----2,4,5-Trichlorophenol	760	U
120-58-1-----Isosafrole	760	U
91-58-7-----2-Chloronaphthalene	380	U
90-13-1-----1-Chloronaphthalene	380	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	380	U
88-74-4-----2-Nitroaniline	380	U
130-15-4-----1,4-Naphthoquinone	760	U
100-25-4-----1,4-Dinitrobenzene	760	U
131-11-3-----Dimethyl Phthalate	380	U
208-96-8-----Acenaphthylene	380	U

430179

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X160810

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677  
 Matrix: (soil/water) SOIL Lab Sample ID: 430179  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GH030179A22  
 Level: (low/med) LOW Date Received: 07/09/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 07/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	760	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
608-93-5	Pentachlorobenzene	380	U
91-59-8	2-Naphthylamine	760	U
606-20-2	2,6-Dinitrotoluene	380	U
134-32-7	1-Naphthylamine	760	U
58-90-2	2,3,4,6-Tetrachlorophenol	760	U
84-66-2	Diethylphthalate	380	U
297-97-2	Zinophos	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	760	U
99-55-8	5-Nitro-o-toluidine	760	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
122-39-4	Diphenylamine	380	U
99-35-4	1,3,5-Trinitrobenzene	760	U
122-66-7	1,2-Diphenylhydrazine	380	U
62-44-2	Phenacetin	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
2303-16-4	Diallate	380	U
60-51-5	Dimethoate	380	U
118-74-1	Hexachlorobenzene	380	U
92-67-1	4-Aminobiphenyl	380	U
23950-58-5	Pronamide	380	U
87-86-5	Pentachlorophenol	760	U
82-68-8	Pentachloronitrobenzene	380	U
85-01-8	Phenanthrene	52	J
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	760	U
50-18-0-----Cyclophosphamide	1800	U
206-44-0-----Fluoranthene	91	J
92-87-5-----Benzidine	380	U
129-00-0-----Pyrene	180	J
60-11-7-----p-Dimethylaminoazobenzene	380	U
510-15-6-----Chlorobenzilate	380	U
119-93-7-----3,3'-Dimethylbenzidine	760	U
85-68-7-----Butylbenzylphthalate	380	U
53-96-3-----2-Acetylaminofluorene	380	U
101-14-4-----Methylene-bis(2-Chloroaniline	380	U
91-94-1-----3,3'-Dichlorobenzidine	380	U
106-51-4-----3,3'-Dimethoxybenzidine	380	U
56-55-3-----Benzo(a)Anthracene	53	J
218-01-9-----Chrysene	63	J
117-81-7-----bis(2-Ethylhexyl)Phthalate	150	BJ
117-84-0-----Di-n-Octyl Phthalate	380	U
205-99-2-----Benzo(b)Fluoranthene	45	JX
57-97-6-----7,12-Dimethylbenzanthracene	380	U
207-08-9-----Benzo(k)Fluoranthene	45	JX
50-32-8-----Benzo(a)Pyrene	48	J
56-49-5-----3-Methylcholanthrene	380	U
224-42-0-----Dibenzo(a,j)acridine	380	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	380	U
53-70-3-----Dibenz(a,h)Anthracene	380	U
191-24-2-----Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

430179

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X170002

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 430180

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH030180A22

Level: (low/med) LOW Date Received: 07/09/91

% Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 07/11/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
62-75-9	N-Nitrosodimethylamine	380	U
110-86-1	Pyridine	380	U
97-63-2	Ethyl methacrylate	380	U
123-63-7	Paraldehyde	380	U
109-06-8	2-Picoline	760	U
10595-95-6	Nitrosomethylethylamine	380	U
66-27-3	Methyl methanesulfonate	380	U
108-95-2	Phenol	380	U
55-18-5	N-Nitrosodiethylamine	380	U
62-50-0	Ethyl methanesulfonate	380	U
62-53-3	Aniline	380	U
76-01-7	Pentachloroethane	380	U
111-44-4	bis(2-Chloroethyl) Ether	760	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
39638-32-9	bis(2-Chloroisopropyl) Ether	380	U
108-39-4	3-Methylphenol	380	U
106-44-5	4-Methylphenol	380	U
930-55-2	N-Nitrosopyrrolidine	380	U
59-89-2	N-Nitrosomorpholine	380	U
98-86-2	Acetophenone	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
636-21-5	o-Toluidine hydrochloride	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
100-75-4	N-Nitrosopiperidine	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
108-70-3	1,3,5-Trichlorobenzene	380	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

58-87-3	-----Benzal Chloride	380	U
65-85-0	-----Benzoic Acid	3800	U
111-91-1	-----bis(2-Chloroethoxy)Methane	380	U
120-83-2	-----2,4-Dichlorophenol	380	U
120-82-1	-----1,2,4-Trichlorobenzene	380	U
91-20-3	-----Naphthalene	380	U
106-47-8	-----4-Chloroaniline	380	U
87-65-0	-----2,6-Dichlorophenol	760	U
95-54-5	-----o-Phenylenediamine	380	U
122-09-8	-----dimethylphenylethylamine	380	U
1888-71-7	-----Hexachloropropene	380	U
87-68-3	-----Hexachlorobutadiene	380	U
87-61-6	-----1,2,3-Trichlorobenzene	380	U
98-07-7	-----Benzotrichloride	760	U
924-16-3	-----N-Nitroso-di-n-butylamine	380	U
59-50-7	-----4-Chloro-3-Methylphenol	380	U
106-50-3	-----P-Phenylenediamine	380	U
94-59-7	-----Safrole	380	U
106-50-3	-----m-Phenylenediamine	380	U
91-57-6	-----2-Methylnaphthalene	380	U
90-12-0	-----1-Methylnaphthalene	380	U
95-94-3	-----1,2,4,5-Tetrachlorobenzene	380	U
634-90-2	-----1,2,3,5-Tetrachlorobenzene	380	U
77-47-4	-----Hexachlorocyclopentadiene	380	U
88-06-2	-----2,4,6-Trichlorophenol	760	U
95-95-4	-----2,4,5-Trichlorophenol	760	U
120-58-1	-----Isosafrole	760	U
91-58-7	-----2-Chloronaphthalene	380	U
90-13-1	-----1-Chloronaphthalene	380	U
634-66-2	-----1,2,3,4-Tetrachlorobenzene	380	U
88-74-4	-----2-Nitroaniline	380	U
130-15-4	-----1,4-Naphthoquinone	760	U
100-25-4	-----1,4-Dinitrobenzene	760	U
131-11-3	-----Dimethyl Phthalate	380	U
208-96-8	-----Acenaphthylene	380	U

430180



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X170002

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677  
 Matrix: (soil/water) SOIL Lab Sample ID: 430180  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH030180A22  
 Level: (low/med) LOW Date Received: 07/09/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 07/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	760	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
608-93-5	Pentachlorobenzene	380	U
91-59-8	2-Naphthylamine	760	U
606-20-2	2,6-Dinitrotoluene	380	U
134-32-7	1-Naphthylamine	760	U
58-90-2	2,3,4,6-Tetrachlorophenol	760	U
84-66-2	Diethylphthalate	380	U
297-97-2	Zinophos	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	760	U
99-55-8	5-Nitro-o-toluidine	760	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
122-39-4	Diphenylamine	380	U
99-35-4	1,3,5-Trinitrobenzene	760	U
122-66-7	1,2-Diphenylhydrazine	380	U
62-44-2	Phenacetin	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
2303-16-4	Diallate	380	U
60-51-5	Dimethoate	380	U
118-74-1	Hexachlorobenzene	380	U
92-67-1	4-Aminobiphenyl	380	U
23950-58-5	Pronamide	380	U
87-86-5	Pentachlorophenol	760	U
82-68-8	Pentachloronitrobenzene	380	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	760	U
50-18-0-----	Cyclophosphamide	1800	U
206-44-0-----	Fluoranthene	380	U
92-87-5-----	Benzidine	380	U
129-00-0-----	Pyrene	380	U
60-11-7-----	p-Dimethylaminoazobenzene	380	U
510-15-6-----	Chlorobenzilate	380	U
119-93-7-----	3,3'-Dimethylbenzidine	760	U
85-68-7-----	Butylbenzylphthalate	380	U
53-96-3-----	2-Acetylaminofluorene	380	U
101-14-4-----	Methylene-bis(2-Chloroaniline	380	U
91-94-1-----	3,3'-Dichlorobenzidine	380	U
106-51-4-----	3,3'-Dimethoxybenzidine	380	U
56-55-3-----	Benzo(a) Anthracene	380	U
218-01-9-----	Chrysene	380	U
117-81-7-----	bis(2-Ethylhexyl) Phthalate	88	BJ
117-84-0-----	Di-n-Octyl Phthalate	380	U
205-99-2-----	Benzo(b) Fluoranthene	380	U
57-97-6-----	7,12-Dimethylbenzanthracene	380	U
207-08-9-----	Benzo(k) Fluoranthene	380	U
50-32-8-----	Benzo(a) Pyrene	380	U
56-49-5-----	3-Methylcholanthrene	380	U
224-42-0-----	Dibenzo(a,j) acridine	380	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	380	U
53-70-3-----	Dibenz(a,h) Anthracene	380	U
191-24-2-----	Benzo(g,h,i) Perylene	380	U

(1) - Cannot be separated from Diphenylamine

430180

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X181416

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 430181

Sample wt/vol: 30.7 (g/mL) G Lab File ID: GD030181A22

Level: (low/med) LOW Date Received: 07/09/91

% Moisture: not dec. 15 dec. \_\_\_\_\_ Date Extracted: 07/11/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	760	U
110-86-1	Pyridine	760	U
97-63-2	Ethyl methacrylate	760	U
123-63-7	Paraldehyde	760	U
109-06-8	2-Picoline	1500	U
10595-95-6	Nitrosomethylethylamine	760	U
66-27-3	Methyl methanesulfonate	760	U
108-95-2	Phenol	760	U
55-18-5	N-Nitrosodiethylamine	760	U
62-50-0	Ethyl methanesulfonate	760	U
62-53-3	Aniline	760	U
76-01-7	Pentachloroethane	760	U
111-44-4	bis(2-Chloroethyl) Ether	1500	U
95-57-8	2-Chlorophenol	760	U
541-73-1	1,3-Dichlorobenzene	760	U
106-46-7	1,4-Dichlorobenzene	620	J
100-51-6	Benzyl Alcohol	760	U
95-50-1	1,2-Dichlorobenzene	760	U
95-48-7	2-Methylphenol	760	U
39638-32-9	bis(2-Chloroisopropyl) Ether	760	U
108-39-4	3-Methylphenol	760	U
106-44-5	4-Methylphenol	760	U
930-55-2	N-Nitrosopyrrolidine	760	U
59-89-2	N-Nitrosomorpholine	760	U
98-86-2	Acetophenone	760	U
621-64-7	N-Nitroso-Di-n-Propylamine	760	U
636-21-5	o-Toluidine hydrochloride	760	U
67-72-1	Hexachloroethane	760	U
98-95-3	Nitrobenzene	760	U
100-75-4	N-Nitrosopiperidine	760	U
78-59-1	Isophorone	760	U
88-75-5	2-Nitrophenol	760	U
105-67-9	2,4-Dimethylphenol	760	U
108-70-3	1,3,5-Trichlorobenzene	760	U

FORM I SV-1

1/87 Rev.

98-87-3-----Benzal Chloride	760	U
65-85-0-----Benzoic Acid	7600	U
111-91-1-----bis(2-Chloroethoxy)Methane	760	U
120-83-2-----2,4-Dichlorophenol	760	U
120-82-1-----1,2,4-Trichlorobenzene	110	J
91-20-3-----Naphthalene	29000	E
106-47-8-----4-Chloroaniline	760	U
87-65-0-----2,6-Dichlorophenol	1500	U
95-54-5-----o-Phenylenediamine	760	U
122-09-8-----dimethylphenylethylamine	760	U
1888-71-7-----Hexachloropropene	760	U
87-68-3-----Hexachlorobutadiene	760	U
87-61-6-----1,2,3-Trichlorobenzene	760	U
98-07-7-----Benzotrichloride	1500	U
924-16-3-----N-Nitroso-di-n-butylamine	760	U
59-50-7-----4-Chloro-3-Methylphenol	760	U
106-50-3-----P-Phenylenediamine	760	U
94-59-7-----Safrole	760	U
106-50-3-----m-Phenylenediamine	760	U
91-57-6-----2-Methylnaphthalene	12000	
90-12-0-----1-Methylnaphthalene	26000	E
95-94-3-----1,2,4,5-Tetrachlorobenzene	760	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	760	U
77-47-4-----Hexachlorocyclopentadiene	760	U
88-06-2-----2,4,6-Trichlorophenol	1500	U
95-95-4-----2,4,5-Trichlorophenol	1500	U
120-58-1-----Isosafrole	1500	U
91-58-7-----2-Chloronaphthalene	760	U
90-13-1-----1-Chloronaphthalene	760	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	760	U
88-74-4-----2-Nitroaniline	760	U
130-15-4-----1,4-Naphthoquinone	1500	U
100-25-4-----1,4-Dinitrobenzene	1500	U
131-11-3-----Dimethyl Phthalate	760	U
208-96-8-----Acenaphthylene	4900	

430181

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X181416

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677  
 Matrix: (soil/water) SOIL Lab Sample ID: 430181  
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: GD030181A22  
 Level: (low/med) LOW Date Received: 07/09/91  
 % Moisture: not dec. 15 dec. \_\_\_\_\_ Date Extracted: 07/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	1500	U
83-32-9	Acenaphthene	9800	
51-28-5	2,4-Dinitrophenol	3000	U
100-02-7	4-Nitrophenol	760	U
132-64-9	Dibenzofuran	790	
121-14-2	2,4-Dinitrotoluene	760	U
608-93-5	Pentachlorobenzene	760	U
91-59-8	2-Naphthylamine	1500	U
606-20-2	2,6-Dinitrotoluene	760	U
134-32-7	1-Naphthylamine	1500	U
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U
84-66-2	Diethylphthalate	760	U
297-97-2	Zinophos	760	U
7005-72-3	4-Chlorophenyl-phenylether	760	U
86-73-7	Fluorene	6600	
100-01-6	4-Nitroaniline	1500	U
99-55-8	5-Nitro-o-toluidine	1500	U
534-52-1	4,6-Dinitro-2-Methylphenol	2300	U
86-30-6	N-Nitrosodiphenylamine (1)	760	U
122-39-4	Diphenylamine	760	U
99-35-4	1,3,5-Trinitrobenzene	1500	U
122-66-7	1,2-Diphenylhydrazine	760	U
62-44-2	Phenacetin	760	U
101-55-3	4-Bromophenyl-phenylether	760	U
2303-16-4	Diallate	760	U
60-51-5	Dimethoate	760	U
118-74-1	Hexachlorobenzene	760	U
92-67-1	4-Aminobiphenyl	760	U
23950-58-5	Pronamide	760	U
87-86-5	Pentachlorophenol	1500	U
82-68-8	Pentachloronitrobenzene	760	U
85-01-8	Phenanthrene	20000	E
120-12-7	Anthracene	4400	
84-74-2	Di-n-Butylphthalate	760	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	1500	U
50-18-0-----Cyclophosphamide	3700	U
206-44-0-----Fluoranthene	10000	
92-87-5-----Benzidine	760	U
129-00-0-----Pyrene	12000	E
60-11-7-----p-Dimethylaminoazobenzene	760	U
510-15-6-----Chlorobenzilate	760	U
119-93-7-----3,3'-Dimethylbenzidine	1500	U
85-68-7-----Butylbenzylphthalate	760	U
53-96-3-----2-Acetylaminofluorene	760	U
101-14-4-----Methylene-bis(2-Chloroaniline	760	U
91-94-1-----3,3'-Dichlorobenzidine	760	U
106-51-4-----3,3'-Dimethoxybenzidine	760	U
56-55-3-----Benzo(a)Anthracene	5200	
218-01-9-----Chrysene	5000	
117-81-7-----bis(2-Ethylhexyl)Phthalate	280	BJ
117-84-0-----Di-n-Octyl Phthalate	760	U
205-99-2-----Benzo(b)Fluoranthene	5200	X
57-97-6-----7,12-Dimethylbenzanthracene	760	U
207-08-9-----Benzo(k)Fluoranthene	5200	X
50-32-8-----Benzo(a)Pyrene	4800	
56-49-5-----3-Methylcholanthrene	760	U
224-42-0-----Dibenzo(a,j)acridine	760	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	1500	
53-70-3-----Dibenz(a,h)Anthracene	700	J
191-24-2-----Benzo(g,h,i)Perylene	2400	

(1) - Cannot be separated from Diphenylamine

430181

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X181416DL

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677

Matrix: (soil/water) SOIL Lab Sample ID: 430181

Sample wt/vol: 30.7 (g/mL) G Lab File ID: G2D30181B22

Level: (low/med) LOW Date Received: 07/09/91

% Moisture: not dec. 15 dec. \_\_\_\_\_ Date Extracted: 07/11/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	3800	U
110-86-1	Pyridine	3800	U
97-63-2	Ethyl methacrylate	3800	U
123-63-7	Paraldehyde	3800	U
109-06-8	2-Picoline	7600	U
10595-95-6	Nitrosomethylethylamine	3800	U
66-27-3	Methyl methanesulfonate	3800	U
108-95-2	Phenol	430	DJ
55-18-5	N-Nitrosodiethylamine	3800	U
62-50-0	Ethyl methanesulfonate	3800	U
62-53-3	Aniline	3800	U
76-01-7	Pentachloroethane	3800	U
111-44-4	bis(2-Chloroethyl) Ether	7600	U
95-57-8	2-Chlorophenol	3800	U
541-73-1	1,3-Dichlorobenzene	3800	U
106-46-7	1,4-Dichlorobenzene	580	DJ
100-51-6	Benzyl Alcohol	3800	U
95-50-1	1,2-Dichlorobenzene	3800	U
95-48-7	2-Methylphenol	3800	U
39638-32-9	bis(2-Chloroisopropyl) Ether	3800	U
108-39-4	3-Methylphenol	3800	U
106-44-5	4-Methylphenol	3800	U
930-55-2	N-Nitrosopyrrolidine	3800	U
59-89-2	N-Nitrosomorpholine	3800	U
98-86-2	Acetophenone	3800	U
621-64-7	N-Nitroso-Di-n-Propylamine	3800	U
636-21-5	o-Toluidine hydrochloride	3800	U
67-72-1	Hexachloroethane	3800	U
98-95-3	Nitrobenzene	3800	U
100-75-4	N-Nitrosopiperidine	3800	U
78-59-1	Isophorone	3800	U
88-75-5	2-Nitrophenol	3800	U
105-67-9	2,4-Dimethylphenol	3800	U
108-70-3	1,3,5-Trichlorobenzene	3800	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

98-87-3	-----Benzal Chloride	3800	U
65-85-0	-----Benzoic Acid	38000	U
111-91-1	-----bis(2-Chloroethoxy)Methane	3800	U
120-83-2	-----2,4-Dichlorophenol	3800	U
120-82-1	-----1,2,4-Trichlorobenzene	3800	U
91-20-3	-----Naphthalene	61000	D
106-47-8	-----4-Chloroaniline	3800	U
87-65-0	-----2,6-Dichlorophenol	7600	U
95-54-5	-----o-Phenylenediamine	3800	U
122-09-8	-----dimethylphenylethylamine	3800	U
1888-71-7	-----Hexachloropropene	3800	U
87-68-3	-----Hexachlorobutadiene	3800	U
87-61-6	-----1,2,3-Trichlorobenzene	3800	U
98-07-7	-----Benzotrichloride	7600	U
924-16-3	-----N-Nitroso-di-n-butylamine	3800	U
59-50-7	-----4-Chloro-3-Methylphenol	3800	U
106-50-3	-----P-Phenylenediamine	3800	U
94-59-7	-----Safrole	3800	U
106-50-3	-----m-Phenylenediamine	3800	U
91-57-6	-----2-Methylnaphthalene	14000	D
90-12-0	-----1-Methylnaphthalene	30000	D
95-94-3	-----1,2,4,5-Tetrachlorobenzene	3800	U
634-90-2	-----1,2,3,5-Tetrachlorobenzene	3800	U
77-47-4	-----Hexachlorocyclopentadiene	3800	U
88-06-2	-----2,4,6-Trichlorophenol	7600	U
95-95-4	-----2,4,5-Trichlorophenol	7600	U
120-58-1	-----Isosafrole	7600	U
91-58-7	-----2-Chloronaphthalene	3800	U
90-13-1	-----1-Chloronaphthalene	3800	U
634-66-2	-----1,2,3,4-Tetrachlorobenzene	3800	U
88-74-4	-----2-Nitroaniline	3800	U
130-15-4	-----1,4-Naphthoquinone	7600	U
100-25-4	-----1,4-Dinitrobenzene	7600	U
131-11-3	-----Dimethyl Phthalate	3800	U
208-96-8	-----Acenaphthylene	5300	D

430181  
DL

FORM I SV-1

1/87 Rev.



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X181416DL

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1677  
 Matrix: (soil/water) SOIL Lab Sample ID: 430181  
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: G2D30181B22  
 Level: (low/med) LOW Date Received: 07/09/91  
 % Moisture: not dec. 15 dec. \_\_\_\_\_ Date Extracted: 07/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/11/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	7600	U
83-32-9-----	Acenaphthene	11000	D
51-28-5-----	2,4-Dinitrophenol	15000	U
100-02-7-----	4-Nitrophenol	3800	U
132-64-9-----	Dibenzofuran	810	DJ
121-14-2-----	2,4-Dinitrotoluene	3800	U
608-93-5-----	Pentachlorobenzene	3800	U
91-59-8-----	2-Naphthylamine	7600	U
606-20-2-----	2,6-Dinitrotoluene	3800	U
134-32-7-----	1-Naphthylamine	7600	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	7600	U
84-66-2-----	Diethylphthalate	3800	U
297-97-2-----	Zinophos	3800	U
7005-72-3-----	4-Chlorophenyl-phenylether	3800	U
86-73-7-----	Fluorene	11000	D
100-01-6-----	4-Nitroaniline	7600	U
99-55-8-----	5-Nitro-o-toluidine	7600	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	11000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	3800	U
122-39-4-----	Diphenylamine	3800	U
99-35-4-----	1,3,5-Trinitrobenzene	7600	U
122-66-7-----	1,2-Diphenylhydrazine	3800	U
62-44-2-----	Phenacetin	3800	U
101-55-3-----	4-Bromophenyl-phenylether	3800	U
2303-16-4-----	Diallate	3800	U
60-51-5-----	Dimethoate	3800	U
118-74-1-----	Hexachlorobenzene	3800	U
92-67-1-----	4-Aminobiphenyl	3800	U
23950-58-5-----	Pronamide	3800	U
87-86-5-----	Pentachlorophenol	7600	U
82-68-8-----	Pentachloronitrobenzene	3800	U
85-01-8-----	Phenanthrene	32000	D
120-12-7-----	Anthracene	7400	D
84-74-2-----	Di-n-Butylphthalate	3800	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

51-80-5	Methapyrilene	7600	U
50-18-0	Cyclophosphamide	18000	U
206-44-0	Fluoranthene	11000	D
92-87-5	Benzidine	3800	U
129-00-0	Pyrene	21000	D
60-11-7	p-Dimethylaminoazobenzene	3800	U
510-15-6	Chlorobenzilate	3800	U
119-93-7	3,3'-Dimethylbenzidine	7600	U
85-68-7	Butylbenzylphthalate	3800	U
53-96-3	2-Acetylaminofluorene	3800	U
101-14-4	Methylene-bis(2-Chloroaniline	3800	U
91-94-1	3,3'-Dichlorobenzidine	3800	U
106-51-4	3,3'-Dimethoxybenzidine	3800	U
56-55-3	Benzo(a) Anthracene	5500	D
218-01-9	Chrysene	5400	D
117-81-7	bis(2-Ethylhexyl) Phthalate	3800	U
117-84-0	Di-n-Octyl Phthalate	3800	U
205-99-2	Benzo(b) Fluoranthene	5800	DX
57-97-6	7,12-Dimethylbenzanthracene	3800	U
207-08-9	Benzo(k) Fluoranthene	5800	DX
50-32-8	Benzo(a) Pyrene	5300	D
56-49-5	3-Methylcholanthrene	3800	U
224-42-0	Dibenzo(a,j) acridine	3800	U
193-39-5	Indeno(1,2,3-cd) Pyrene	1300	DJ
53-70-3	Dibenz(a,h) Anthracene	520	DJ
191-24-2	Benzo(g,h,i) Perylene	1800	DJ

(1) - Cannot be separated from Diphenylamine

430181  
DL

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X190810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1688

Matrix: (soil/water) SOIL Lab Sample ID: 430852

Sample wt/vol: 1.0 (g/mL) G Lab File ID: G2D30852C06

Level: (low/med) MED Date Received: 07/11/91

% Moisture: not dec. 41 dec. \_\_\_\_\_ Date Extracted: 07/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/24/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 20

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	670000	U
110-86-1	Pyridine	670000	U
97-63-2	Ethyl methacrylate	670000	U
123-63-7	Paraldehyde	670000	U
109-06-8	2-Picoline	1300000	U
10595-95-6	Nitrosomethylethylamine	670000	U
66-27-3	Methyl methanesulfonate	670000	U
55-18-5	N-Nitrosodiethylamine	670000	U
62-50-0	Ethyl methanesulfonate	670000	U
108-95-2	Phenol	670000	U
62-53-3	Aniline	670000	U
76-01-7	Pentachloroethane	670000	U
111-44-4	bis(2-Chloroethyl) Ether	1300000	U
95-57-8	2-Chlorophenol	670000	U
541-73-1	1,3-Dichlorobenzene	670000	U
100-44-7	Benzyl Chloride	670000	U
106-46-7	1,4-Dichlorobenzene	670000	U
100-51-6	Benzyl Alcohol	670000	U
95-50-1	1,2-Dichlorobenzene	670000	U
95-48-7	2-Methylphenol	670000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	670000	U
108-39-4	3-Methylphenol	670000	U
106-44-5	4-Methylphenol	670000	U
930-55-2	N-Nitrosopyrrolidine	670000	U
59-89-2	N-Nitrosomorpholine	670000	U
98-86-2	Acetophenone	670000	U
621-64-7	N-Nitroso-Di-n-Propylamine	670000	U
636-21-5	o-Toluidine hydrochloride	670000	U
67-72-1	Hexachloroethane	670000	U
98-95-3	Nitrobenzene	670000	U
100-75-4	N-Nitrosopiperidine	670000	U
78-59-1	Isophorone	670000	U
88-75-5	2-Nitrophenol	670000	U
105-67-9	2,4-Dimethylphenol	670000	U

FORM I SV-1

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	670000	U
98-87-3-----Benzal Chloride	670000	U
65-85-0-----Benzoic Acid	6600000	U
111-91-1-----bis(2-Chloroethoxy)Methane	670000	U
120-83-2-----2,4-Dichlorophenol	670000	U
120-82-1-----1,2,4-Trichlorobenzene	670000	U
91-20-3-----Naphthalene	35000000	E
106-47-8-----4-Chloroaniline	670000	U
87-65-0-----2,6-Dichlorophenol	1300000	U
95-54-5-----o-Phenylenediamine	670000	U
122-09-8-----dimethylphenylethylamine	670000	U
1888-71-7-----Hexachloropropene	670000	U
87-68-3-----Hexachlorobutadiene	670000	U
87-61-6-----1,2,3-Trichlorobenzene	670000	U
98-07-7-----Benzotrichloride	1300000	U
924-16-3-----N-Nitroso-di-n-butylamine	670000	U
59-50-7-----4-Chloro-3-Methylphenol	670000	U
106-50-3-----P-Phenylenediamine	670000	U
94-59-7-----Safrole	670000	U
106-50-3-----m-Phenylenediamine	670000	U
91-57-6-----2-Methylnaphthalene	29000000	E
90-12-0-----1-Methylnaphthalene	59000000	E
95-94-3-----1,2,4,5-Tetrachlorobenzene	670000	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	670000	U
77-47-4-----Hexachlorocyclopentadiene	670000	U
88-06-2-----2,4,6-Trichlorophenol	1300000	U
95-95-4-----2,4,5-Trichlorophenol	1300000	U
120-58-1-----Isosafrole	1300000	U
91-58-7-----2-Chloronaphthalene	670000	U
90-13-1-----1-Chloronaphthalene	670000	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	670000	U
88-74-4-----2-Nitroaniline	670000	U
130-15-4-----1,4-Naphthoquinone	1300000	U
100-25-4-----1,4-Dinitrobenzene	1300000	U
131-11-3-----Dimethyl Phthalate	670000	U
208-96-8-----Acenaphthylene	12000000	E
606-20-2-----2,6-Dinitrotoluene	340000	U

FORM I SV-1

1/87 Rev.

430852

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE-NO.

P2X190810

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1688

Matrix: (soil/water) SOIL Lab Sample ID: 430852

Sample wt/vol: 1.0 (g/mL) G Lab File ID: G2D30852C06

Level: (low/med) MED Date Received: 07/11/91

% Moisture: not dec. 41 dec. \_\_\_\_\_ Date Extracted: 07/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/24/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 20

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	1300000	U
83-32-9	Acenaphthene	1600000	
51-28-5	2,4-Dinitrophenol	2700000	U
100-02-7	4-Nitrophenol	670000	U
132-64-9	Dibenzofuran	1500000	
121-14-2	2,4-Dinitrotoluene	670000	U
608-93-5	Pentachlorobenzene	670000	U
91-59-8	2-Naphthylamine	1300000	U
134-32-7	1-Naphthylamine	1300000	U
58-90-2	2,3,4,6-Tetrachlorophenol	1300000	U
84-66-2	Diethylphthalate	670000	U
297-97-2	Zinophos	670000	U
7005-72-3	4-Chlorophenyl-phenylether	670000	U
86-73-7	Fluorene	9900000	
100-01-6	4-Nitroaniline	1300000	U
99-55-8	5-Nitro-o-toluidine	1300000	U
122-66-7	1,2-Diphenylhydrazine	670000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000000	U
86-30-6	N-Nitrosodiphenylamine (1)	190000	JX
122-39-4	Diphenylamine	190000	JX
99-35-4	1,3,5-Trinitrobenzene	1300000	U
62-44-2	Phenacetin	670000	U
101-55-3	4-Bromophenyl-phenylether	670000	U
2303-16-4	Diallate	670000	U
60-51-5	Dimethoate	670000	U
118-74-1	Hexachlorobenzene	670000	U
92-67-1	4-Aminobiphenyl	670000	U
23950-58-5	Pronamide	670000	U
87-86-5	Pentachlorophenol	1300000	U
82-68-8	Pentachloronitrobenzene	670000	U
85-01-8	Phenanthrene	23000000	E
120-12-7	Anthracene	6200000	
84-74-2	Di-n-Butylphthalate	670000	U
91-80-5	Methapyrilene	1300000	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

50-18-0-----Cyclophosphamide	3400000	U
206-44-0-----Fluoranthene	5800000	
92-87-5-----Benzidine	670000	U
129-00-0-----Pyrene	14000000	E
60-11-7-----p-Dimethylaminoazobenzene	670000	U
510-15-6-----Chlorobenzilate	670000	U
119-93-7-----3,3'-Dimethylbenzidine	1300000	U
85-68-7-----Butylbenzylphthalate	670000	U
53-96-3-----2-Acetylaminofluorene	670000	U
101-14-4-----Methylene-bis(2-Chloroaniline	670000	U
91-94-1-----3,3'-Dichlorobenzidine	670000	U
119-90-4-----3,3'-Dimethoxybenzidine	670000	U
56-55-3-----Benzo(a)Anthracene	4100000	
117-81-7-----bis(2-Ethylhexyl) Phthalate	670000	U
218-01-9-----Chrysene	2800000	
117-84-0-----Di-n-Octyl Phthalate	670000	U
205-99-2-----Benzo(b) Fluoranthene	3600000	
57-97-6-----7,12-Dimethylbenzanthracene	670000	U
207-08-9-----Benzo(k) Fluoranthene	3600000	
50-32-8-----Benzo(a) Pyrene	3300000	
56-49-5-----3-Methylcholanthrene	670000	U
224-42-0-----Dibenzo(a, j) acridine	670000	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	810000	
53-70-3-----Dibenz(a, h) Anthracene	350000	J
191-24-2-----Benzo(g, h, i) Perylene	1100000	

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

430852

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X190810DL

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1688  
 Matrix: (soil/water) SOIL Lab Sample ID: 430852  
 Sample wt/vol: 1.0 (g/mL) G Lab File ID: G3D30852C06  
 Level: (low/med) MED Date Received: 07/11/91  
 % Moisture: not dec. 41 dec. \_\_\_\_\_ Date Extracted: 07/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/24/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 200

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	6700000	U
110-86-1	Pyridine	6700000	U
97-63-2	Ethyl methacrylate	6700000	U
123-63-7	Paraldehyde	6700000	U
109-06-8	2-Picoline	13000000	U
10595-95-6	Nitrosomethylethylamine	6700000	U
66-27-3	Methyl methanesulfonate	6700000	U
55-18-5	N-Nitrosodiethylamine	6700000	U
62-50-0	Ethyl methanesulfonate	6700000	U
108-95-2	Phenol	6700000	U
62-53-3	Aniline	6700000	U
76-01-7	Pentachloroethane	6700000	U
111-44-4	bis(2-Chloroethyl) Ether	13000000	U
95-57-8	2-Chlorophenol	6700000	U
541-73-1	1,3-Dichlorobenzene	6700000	U
100-44-7	Benzyl Chloride	6700000	U
106-46-7	1,4-Dichlorobenzene	6700000	U
100-51-6	Benzyl Alcohol	6700000	U
95-50-1	1,2-Dichlorobenzene	6700000	U
95-48-7	2-Methylphenol	6700000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	6700000	U
108-39-4	3-Methylphenol	6700000	U
106-44-5	4-Methylphenol	6700000	U
930-55-2	N-Nitrosopyrrolidine	6700000	U
59-89-2	N-Nitrosomorpholine	6700000	U
98-86-2	Acetophenone	6700000	U
621-64-7	N-Nitroso-Di-n-Propylamine	6700000	U
636-21-5	o-Toluidine hydrochloride	6700000	U
67-72-1	Hexachloroethane	6700000	U
98-95-3	Nitrobenzene	6700000	U
100-75-4	N-Nitrosopiperidine	6700000	U
78-59-1	Isophorone	6700000	U
88-75-5	2-Nitrophenol	6700000	U
105-67-9	2,4-Dimethylphenol	6700000	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	6700000	U
98-87-3-----	Benzal Chloride	6700000	U
65-85-0-----	Benzoic Acid	66000000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	6700000	U
120-83-2-----	2,4-Dichlorophenol	6700000	U
120-82-1-----	1,2,4-Trichlorobenzene	6700000	U
91-20-3-----	Naphthalene	79000000	D
106-47-8-----	4-Chloroaniline	6700000	U
87-65-0-----	2,6-Dichlorophenol	13000000	U
95-54-5-----	o-Phenylenediamine	6700000	U
122-09-8-----	dimethylphenylethylamine	6700000	U
1888-71-7-----	Hexachloropropene	6700000	U
87-68-3-----	Hexachlorobutadiene	6700000	U
87-61-6-----	1,2,3-Trichlorobenzene	6700000	U
98-07-7-----	Benzotrichloride	13000000	U
924-16-3-----	N-Nitroso-di-n-butylamine	6700000	U
59-50-7-----	4-Chloro-3-Methylphenol	6700000	U
106-50-3-----	P-Phenylenediamine	6700000	U
94-59-7-----	Safrole	6700000	U
106-50-3-----	m-Phenylenediamine	6700000	U
91-57-6-----	2-Methylnaphthalene	39000000	D
90-12-0-----	1-Methylnaphthalene	57000000	D
95-94-3-----	1,2,4,5-Tetrachlorobenzene	6700000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	6700000	U
77-47-4-----	Hexachlorocyclopentadiene	6700000	U
88-06-2-----	2,4,6-Trichlorophenol	13000000	U
95-95-4-----	2,4,5-Trichlorophenol	13000000	U
120-58-1-----	Isosafrole	13000000	U
91-58-7-----	2-Chloronaphthalene	6700000	U
90-13-1-----	1-Chloronaphthalene	6700000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	6700000	U
88-74-4-----	2-Nitroaniline	6700000	U
130-15-4-----	1,4-Naphthoquinone	13000000	U
100-25-4-----	1,4-Dinitrobenzene	13000000	U
131-11-3-----	Dimethyl Phthalate	6700000	U
208-96-8-----	Acenaphthylene	16000000	D
606-20-2-----	2,6-Dinitrotoluene	3400000	U

FORM I SV-1

1/87 Rev.

430852



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X190810DL

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1688

Matrix: (soil/water) SOIL Lab Sample ID: 430852

Sample wt/vol: 1.0 (g/mL) G Lab File ID: G3D30852C06

Level: (low/med) MED Date Received: 07/11/91

% Moisture: not dec. 41 dec. \_\_\_\_\_ Date Extracted: 07/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/24/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 200

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	13000000	U
83-32-9	Acenaphthene	2500000	DJ
51-28-5	2,4-Dinitrophenol	27000000	U
100-02-7	4-Nitrophenol	6700000	U
132-64-9	Dibenzofuran	1700000	DJ
121-14-2	2,4-Dinitrotoluene	6700000	U
608-93-5	Pentachlorobenzene	6700000	U
91-59-8	2-Naphthylamine	13000000	U
134-32-7	1-Naphthylamine	13000000	U
58-90-2	2,3,4,6-Tetrachlorophenol	13000000	U
84-66-2	Diethylphthalate	6700000	U
297-97-2	Zinophos	6700000	U
7005-72-3	4-Chlorophenyl-phenylether	6700000	U
86-73-7	Fluorene	10000000	D
100-01-6	4-Nitroaniline	13000000	U
99-55-8	5-Nitro-o-toluidine	13000000	U
122-66-7	1,2-Diphenylhydrazine	6700000	U
534-52-1	4,6-Dinitro-2-Methylphenol	20000000	U
86-30-6	N-Nitrosodiphenylamine (1)	6700000	U
122-39-4	Diphenylamine	6700000	U
99-35-4	1,3,5-Trinitrobenzene	13000000	U
62-44-2	Phenacetin	6700000	U
101-55-3	4-Bromophenyl-phenylether	6700000	U
2303-16-4	Diallate	6700000	U
60-51-5	Dimethoate	6700000	U
118-74-1	Hexachlorobenzene	6700000	U
92-67-1	4-Aminobiphenyl	6700000	U
23950-58-5	Pronamide	6700000	U
87-86-5	Pentachlorophenol	13000000	U
82-68-8	Pentachloronitrobenzene	6700000	U
85-01-8	Phenanthrene	33000000	D
120-12-7	Anthracene	8200000	D
84-74-2	Di-n-Butylphthalate	6700000	U
91-80-5	Methapyrilene	13000000	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

50-18-0-----Cyclophosphamide	3400000	U
206-44-0-----Fluoranthene	7400000	D
92-87-5-----Benzidine	6700000	U
129-00-0-----Pyrene	16000000	D
60-11-7-----p-Dimethylaminoazobenzene	6700000	U
510-15-6-----Chlorobenzilate	6700000	U
119-93-7-----3,3'-Dimethylbenzidine	13000000	U
85-68-7-----Butylbenzylphthalate	6700000	U
53-96-3-----2-Acetylaminofluorene	6700000	U
101-14-4-----Methylene-bis(2-Chloroaniline	6700000	U
91-94-1-----3,3'-Dichlorobenzidine	6700000	U
119-90-4-----3,3'-Dimethoxybenzidine	6700000	U
56-55-3-----Benzo(a)Anthracene	4500000	DJ
117-81-7-----bis(2-Ethylhexyl) Phthalate	6700000	U
218-01-9-----Chrysene	4100000	DJ
117-84-0-----Di-n-Octyl Phthalate	6700000	U
205-99-2-----Benzo(b) Fluoranthene	4200000	DJX
57-97-6-----7,12-Dimethylbenzanthracene	6700000	U
207-08-9-----Benzo(k) Fluoranthene	4200000	DJX
50-32-8-----Benzo(a) Pyrene	4000000	DJ
56-49-5-----3-Methylcholanthrene	6700000	U
224-42-0-----Dibenzo(a, j) acridine	6700000	U
193-39-5-----Indeno(1, 2, 3-cd) Pyrene	6700000	U
53-70-3-----Dibenz(a, h) Anthracene	6700000	U
191-24-2-----Benzo(g, h, i) Perylene	950000	DJ

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

430852

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X201012

Lab Name: COMPUCHEM, RTP Contract: 500077

ab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1687

Matrix: (soil/water) SOIL Lab Sample ID: 430846

Sample wt/vol: 30.6 (g/mL) G Lab File ID: GD030846C06

Level: (low/med) LOW Date Received: 07/11/91

% Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 07/15/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/22/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg) UG/KG                      Q

62-75-9-----N-Nitrosodimethylamine	820	U
110-86-1-----Pyridine	820	U
97-63-2-----Ethyl methacrylate	820	U
123-63-7-----Paraldehyde	820	U
109-06-8-----2-Picoline	1600	U
10595-95-6-----Nitrosomethylethylamine	820	U
66-27-3-----Methyl methanesulfonate	820	U
55-18-5-----N-Nitrosodiethylamine	820	U
62-50-0-----Ethyl methanesulfonate	820	U
108-95-2-----Phenol	820	U
62-53-3-----Aniline	820	U
76-01-7-----Pentachloroethane	820	U
111-44-4-----bis(2-Chloroethyl) Ether	1600	U
95-57-8-----2-Chlorophenol	820	U
541-73-1-----1,3-Dichlorobenzene	820	U
100-44-7-----Benzyl Chloride	820	U
106-46-7-----1,4-Dichlorobenzene	820	U
100-51-6-----Benzyl Alcohol	820	U
95-50-1-----1,2-Dichlorobenzene	820	U
95-48-7-----2-Methylphenol	820	U
39638-32-9-----bis(2-Chloroisopropyl) Ether	820	U
108-39-4-----3-Methylphenol	820	U
106-44-5-----4-Methylphenol	820	U
930-55-2-----N-Nitrosopyrrolidine	820	U
59-89-2-----N-Nitrosomorpholine	820	U
98-86-2-----Acetophenone	820	U
621-64-7-----N-Nitroso-Di-n-Propylamine	820	U
636-21-5-----o-Toluidine hydrochloride	820	U
67-72-1-----Hexachloroethane	820	U
98-95-3-----Nitrobenzene	820	U
100-75-4-----N-Nitrosopiperidine	820	U
78-59-1-----Isophorone	820	U
88-75-5-----2-Nitrophenol	820	U
105-67-9-----2,4-Dimethylphenol	820	U

FORM I SV-1

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	820	U
98-87-3-----Benzal Chloride	820	U
65-85-0-----Benzoic Acid	8200	U
111-91-1-----bis(2-Chloroethoxy)Methane	820	U
120-83-2-----2,4-Dichlorophenol	820	U
120-82-1-----1,2,4-Trichlorobenzene	820	U
91-20-3-----Naphthalene	130000	E
106-47-8-----4-Chloroaniline	820	U
87-65-0-----2,6-Dichlorophenol	1600	U
95-54-5-----o-Phenylenediamine	820	U
122-09-8-----dimethylphenylethylamine	820	U
1888-71-7-----Hexachloropropene	820	U
87-68-3-----Hexachlorobutadiene	820	U
87-61-6-----1,2,3-Trichlorobenzene	820	U
98-07-7-----Benzotrichloride	1600	U
924-16-3-----N-Nitroso-di-n-butylamine	820	U
59-50-7-----4-Chloro-3-Methylphenol	820	U
106-50-3-----P-Phenylenediamine	820	U
94-59-7-----Safrole	820	U
106-50-3-----m-Phenylenediamine	820	U
91-57-6-----2-Methylnaphthalene	89000	E
90-12-0-----1-Methylnaphthalene	140000	E
95-94-3-----1,2,4,5-Tetrachlorobenzene	820	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	820	U
77-47-4-----Hexachlorocyclopentadiene	820	U
88-06-2-----2,4,6-Trichlorophenol	1600	U
95-95-4-----2,4,5-Trichlorophenol	1600	U
120-58-1-----Isosafrole	1600	U
91-58-7-----2-Chloronaphthalene	820	U
90-13-1-----1-Chloronaphthalene	820	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	820	U
88-74-4-----2-Nitroaniline	820	U
130-15-4-----1,4-Naphthoquinone	1600	U
100-25-4-----1,4-Dinitrobenzene	1600	U
131-11-3-----Dimethyl Phthalate	820	U
208-96-8-----Acenaphthylene	17000	E
606-20-2-----2,6-Dinitrotoluene	820	U

FORM I SV-1

1/87 Rev.

230846

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X201012

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1687

Matrix: (soil/water) SOIL Lab Sample ID: 430846

Sample wt/vol: 30.6 (g/mL) G Lab File ID: GD030846C06

Level: (low/med) LOW Date Received: 07/11/91

% Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 07/15/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/22/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-2-----3-Nitroaniline	1600	U
83-32-9-----Acenaphthene	2400	
51-28-5-----2,4-Dinitrophenol	3200	U
100-02-7-----4-Nitrophenol	820	U
132-64-9-----Dibenzofuran	1300	
121-14-2-----2,4-Dinitrotoluene	820	U
608-93-5-----Pentachlorobenzene	820	U
91-59-8-----2-Naphthylamine	1600	U
134-32-7-----1-Naphthylamine	1600	U
58-90-2-----2,3,4,6-Tetrachlorophenol	1600	U
84-66-2-----Diethylphthalate	820	U
297-97-2-----Zinophos	820	U
7005-72-3-----4-Chlorophenyl-phenylether	820	U
86-73-7-----Fluorene	12000	
100-01-6-----4-Nitroaniline	1600	U
99-55-8-----5-Nitro-o-toluidine	1600	U
122-66-7-----1,2-Diphenylhydrazine	820	U
534-52-1-----4,6-Dinitro-2-Methylphenol	2500	U
86-30-6-----N-Nitrosodiphenylamine (1)	820	U
122-39-4-----Diphenylamine	820	U
99-35-4-----1,3,5-Trinitrobenzene	1600	U
62-44-2-----Phenacetin	820	U
101-55-3-----4-Bromophenyl-phenylether	820	U
2303-16-4-----Diallate	820	U
60-51-5-----Dimethoate	820	U
118-74-1-----Hexachlorobenzene	820	U
92-67-1-----4-Aminobiphenyl	820	U
23950-58-5-----Pronamide	820	U
87-86-5-----Pentachlorophenol	1600	U
82-68-8-----Pentachloronitrobenzene	820	U
85-01-8-----Phenanthrene	34000	E
120-12-7-----Anthracene	6800	
84-74-2-----Di-n-Butylphthalate	820	U
91-80-5-----Methapyrilene	1600	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

50-18-0-----	Cyclophosphamide	4000	U
206-44-0-----	Fluoranthene	12000	
92-87-5-----	Benzidine	820	U
129-00-0-----	Pyrene	21000	E
60-11-7-----	p-Dimethylaminoazobenzene	820	U
510-15-6-----	Chlorobenzilate	820	U
119-93-7-----	3,3'-Dimethylbenzidine	1600	U
85-68-7-----	Butylbenzylphthalate	820	U
53-96-3-----	2-Acetylaminofluorene	820	U
101-14-4-----	Methylene-bis(2-Chloroaniline	820	U
91-94-1-----	3,3'-Dichlorobenzidine	820	U
119-90-4-----	3,3'-Dimethoxybenzidine	820	U
56-55-3-----	Benzo(a) Anthracene	7300	
117-81-7-----	bis(2-Ethylhexyl) Phthalate	820	U
218-01-9-----	Chrysene	6200	
117-84-0-----	Di-n-Octyl Phthalate	820	U
205-99-2-----	Benzo(b) Fluoranthene	6900	X
57-97-6-----	7,12-Dimethylbenzanthracene	820	U
207-08-9-----	Benzo(k) Fluoranthene	6900	X
50-32-8-----	Benzo(a) Pyrene	4900	
56-49-5-----	3-Methylcholanthrene	820	U
224-42-0-----	Dibenzo(a,j)acridine	820	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	1500	
53-70-3-----	Dibenz(a,h)Anthracene	370	J
191-24-2-----	Benzo(g,h,i) Perylene	1900	

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

930 846

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X201012DL

Lab Name: COMPUCHEM, RTP Contract: 500077

b Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1687

Matrix: (soil/water) SOIL Lab Sample ID: 430846

Sample wt/vol: 30.6 (g/mL) G Lab File ID: G4D30846A06

Level: (low/med) LOW Date Received: 07/11/91

% Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 07/15/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 60

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg) UG/KG                      Q

62-75-9-----	N-Nitrosodimethylamine	25000	U
110-86-1-----	Pyridine	25000	U
97-63-2-----	Ethyl methacrylate	25000	U
123-63-7-----	Paraldehyde	25000	U
109-06-8-----	2-Picoline	49000	U
10595-95-6-----	Nitrosomethylethylamine	25000	U
66-27-3-----	Methyl methanesulfonate	25000	U
55-18-5-----	N-Nitrosodiethylamine	25000	U
62-50-0-----	Ethyl methanesulfonate	25000	U
108-95-2-----	Phenol	25000	U
62-53-3-----	Aniline	25000	U
76-01-7-----	Pentachloroethane	25000	U
111-44-4-----	bis(2-Chloroethyl) Ether	49000	U
95-57-8-----	2-Chlorophenol	25000	U
541-73-1-----	1,3-Dichlorobenzene	25000	U
100-44-7-----	Benzyl Chloride	25000	U
106-46-7-----	1,4-Dichlorobenzene	25000	U
100-51-6-----	Benzyl Alcohol	25000	U
95-50-1-----	1,2-Dichlorobenzene	25000	U
95-48-7-----	2-Methylphenol	25000	U
39638-32-9-----	bis(2-Chloroisopropyl) Ether	25000	U
108-39-4-----	3-Methylphenol	25000	U
106-44-5-----	4-Methylphenol	25000	U
930-55-2-----	N-Nitrosopyrrolidine	25000	U
59-89-2-----	N-Nitrosomorpholine	25000	U
98-86-2-----	Acetophenone	25000	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	25000	U
636-21-5-----	o-Toluidine hydrochloride	25000	U
67-72-1-----	Hexachloroethane	25000	U
98-95-3-----	Nitrobenzene	25000	U
100-75-4-----	N-Nitrosopiperidine	25000	U
78-59-1-----	Isophorone	25000	U
88-75-5-----	2-Nitrophenol	25000	U
105-67-9-----	2,4-Dimethylphenol	25000	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	25000	U
98-87-3-----	Benzal Chloride	25000	U
65-85-0-----	Benzoic Acid	250000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	25000	U
120-83-2-----	2,4-Dichlorophenol	25000	U
120-82-1-----	1,2,4-Trichlorobenzene	25000	U
91-20-3-----	Naphthalene	380000	D
106-47-8-----	4-Chloroaniline	25000	U
87-65-0-----	2,6-Dichlorophenol	49000	U
95-54-5-----	o-Phenylenediamine	25000	U
122-09-8-----	dimethylphenylethylamine	25000	U
1888-71-7-----	Hexachloropropene	25000	U
87-68-3-----	Hexachlorobutadiene	25000	U
87-61-6-----	1,2,3-Trichlorobenzene	25000	U
98-07-7-----	Benzotrichloride	49000	U
924-16-3-----	N-Nitroso-di-n-butylamine	25000	U
59-50-7-----	4-Chloro-3-Methylphenol	25000	U
106-50-3-----	P-Phenylenediamine	25000	U
94-59-7-----	Safrole	25000	U
106-50-3-----	m-Phenylenediamine	25000	U
91-57-6-----	2-Methylnaphthalene	100000	D
90-12-0-----	1-Methylnaphthalene	130000	D
95-94-3-----	1,2,4,5-Tetrachlorobenzene	25000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	25000	U
77-47-4-----	Hexachlorocyclopentadiene	25000	U
88-06-2-----	2,4,6-Trichlorophenol	49000	U
95-95-4-----	2,4,5-Trichlorophenol	49000	U
120-58-1-----	Isosafrole	49000	U
91-58-7-----	2-Chloronaphthalene	25000	U
90-13-1-----	1-Chloronaphthalene	25000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	25000	U
88-74-4-----	2-Nitroaniline	25000	U
130-15-4-----	1,4-Naphthoquinone	49000	U
100-25-4-----	1,4-Dinitrobenzene	49000	U
131-11-3-----	Dimethyl Phthalate	25000	U
208-96-8-----	Acenaphthylene	12000	DJ
606-20-2-----	2,6-Dinitrotoluene	25000	U

FORM I SV-1

1/87 Rev.

23846



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X201012DL

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1687  
 Matrix: (soil/water) SOIL Lab Sample ID: 430846  
 Sample wt/vol: 30.6 (g/mL) G Lab File ID: G4D30846A06  
 Level: (low/med) LOW Date Received: 07/11/91  
 % Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 07/15/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/23/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 60

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	49000	U
83-32-9	Acenaphthene	25000	U
51-28-5	2,4-Dinitrophenol	97000	U
100-02-7	4-Nitrophenol	25000	U
132-64-9	Dibenzofuran	25000	U
121-14-2	2,4-Dinitrotoluene	25000	U
608-93-5	Pentachlorobenzene	25000	U
91-59-8	2-Naphthylamine	49000	U
134-32-7	1-Naphthylamine	49000	U
58-90-2	2,3,4,6-Tetrachlorophenol	49000	U
84-66-2	Diethylphthalate	25000	U
297-97-2	Zinophos	25000	U
7005-72-3	4-Chlorophenyl-phenylether	25000	U
86-73-7	Fluorene	8000	DJ
100-01-6	4-Nitroaniline	49000	U
99-55-8	5-Nitro-o-toluidine	49000	U
122-66-7	1,2-Diphenylhydrazine	25000	U
534-52-1	4,6-Dinitro-2-Methylphenol	74000	U
86-30-6	N-Nitrosodiphenylamine (1)	25000	U
122-39-4	Diphenylamine	25000	U
99-35-4	1,3,5-Trinitrobenzene	49000	U
62-44-2	Phenacetin	25000	U
101-55-3	4-Bromophenyl-phenylether	25000	U
2303-16-4	Diallate	25000	U
60-51-5	Dimethoate	25000	U
118-74-1	Hexachlorobenzene	25000	U
92-67-1	4-Aminobiphenyl	25000	U
23950-58-5	Pronamide	25000	U
87-86-5	Pentachlorophenol	49000	U
82-68-8	Pentachloronitrobenzene	25000	U
85-01-8	Phenanthrene	26000	D
120-12-7	Anthracene	5500	DJ
84-74-2	Di-n-Butylphthalate	25000	U
91-80-5	Methapyrilene	49000	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

50-18-0-----Cyclophosphamide	120000	U
206-44-0-----Fluoranthene	7600	DJ
92-87-5-----Benzidine	25000	U
129-00-0-----Pyrene	19000	DJ
60-11-7-----p-Dimethylaminoazobenzene	25000	U
510-15-6-----Chlorobenzilate	25000	U
119-93-7-----3,3'-Dimethylbenzidine	49000	U
85-68-7-----Butylbenzylphthalate	25000	U
53-96-3-----2-Acetylaminofluorene	25000	U
101-14-4-----Methylene-bis(2-Chloroaniline	25000	U
91-94-1-----3,3'-Dichlorobenzidine	25000	U
119-90-4-----3,3'-Dimethoxybenzidine	25000	U
56-55-3-----Benzo(a)Anthracene	6200	DJ
117-81-7-----bis(2-Ethylhexyl) Phthalate	25000	U
218-01-9-----Chrysene	4100	DJ
117-84-0-----Di-n-Octyl Phthalate	25000	U
205-99-2-----Benzo(b) Fluoranthene	2700	DJ
57-97-6-----7,12-Dimethylbenzanthracene	25000	U
207-08-9-----Benzo(k) Fluoranthene	25000	U
50-32-8-----Benzo(a) Pyrene	3200	DJ
56-49-5-----3-Methylcholanthrene	25000	U
224-42-0-----Dibenzo(a,j)acridine	25000	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	25000	U
53-70-3-----Dibenz(a,h)Anthracene	25000	U
191-24-2-----Benzo(g,h,i)Perylene	25000	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

B0846

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P201S

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624  
 Matrix: (soil/water) SOIL Lab Sample ID: 417259  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GJ017259C04  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 4 dec. \_\_\_\_\_ Date Extracted: 05/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	340	U
110-86-1	Pyridine	340	U
97-63-2	Ethyl methacrylate	340	U
123-63-7	Paraldehyde	340	U
109-06-8	2-Picoline	680	U
10595-95-6	Nitrosomethylethylamine	340	U
66-27-3	Methyl methanesulfonate	340	U
108-95-2	Phenol	340	U
55-18-5	N-Nitrosodiethylamine	340	U
62-50-0	Ethyl methanesulfonate	340	U
62-53-3	Aniline	340	U
76-01-7	Pentachloroethane	340	U
111-44-4	bis(2-Chloroethyl) Ether	680	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
100-44-7	Benzyl chloride	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl Alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
39638-32-9	bis(2-Chloroisopropyl) Ether	340	U
108-39-4	3-Methylphenol	340	U
106-44-5	4-Methylphenol	340	U
930-55-2	N-Nitrosopyrrolidine	340	U
59-89-2	N-Nitrosomorpholine	340	U
98-86-2	Acetophenone	340	U
621-64-7	N-Nitroso-Di-n-Propylamine	340	U
636-21-5	o-Toluidine hydrochloride	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
100-75-4	N-Nitrosopiperidine	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U

FORM I SV-1

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	340	U
98-87-3-----Benzal chloride	340	U
65-85-0-----Benzoic Acid	3400	U
111-91-1-----bis(2-Chloroethoxy)Methane	340	U
120-83-2-----2,4-Dichlorophenol	340	U
120-82-1-----1,2,4-Trichlorobenzene	340	U
91-20-3-----Naphthalene	340	U
106-47-8-----4-Chloroaniline	340	U
87-65-0-----2,6-Dichlorophenol	680	U
95-54-5-----o-Phenylenediamine	340	U
122-09-8-----dimethylphenylethylamine	340	U
1888-71-7-----Hexachloropropene	340	U
87-68-3-----Hexachlorobutadiene	340	U
87-61-6-----1,2,3-Trichlorobenzene	340	U
98-07-7-----Benzotrichloride	680	U
924-16-3-----N-Nitroso-di-n-butylamine	340	U
59-50-7-----4-Chloro-3-Methylphenol	340	U
106-50-3-----P-Phenylenediamine	340	U
94-59-7-----Safrole	340	U
106-50-3-----m-Phenylenediamine	340	U
91-57-6-----2-Methylnaphthalene	340	U
90-12-0-----1-Methylnaphthalene	340	U
95-94-3-----1,2,4,5-Tetrachlorobenzene	340	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	340	U
77-47-4-----Hexachlorocyclopentadiene	340	U
88-06-2-----2,4,6-Trichlorophenol	680	U
95-95-4-----2,4,5-Trichlorophenol	680	U
120-58-1-----Isosafrole	680	U
91-58-7-----2-Chloronaphthalene	340	U
90-13-1-----1-Chloronaphthalene	340	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	340	U
88-74-4-----2-Nitroaniline	340	U
130-15-4-----1,4-Naphthoquinone	680	U
100-25-4-----1,4-Dinitrobenzene	680	U
131-11-3-----Dimethyl Phthalate	340	U
208-96-8-----Acenaphthylene	340	U

FORM I SV-1

1/87 Rev.

417259

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P201S

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624  
 Matrix: (soil/water) SOIL Lab Sample ID: 417259  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GJ017259C04  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 4 dec. \_\_\_\_\_ Date Extracted: 05/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	680	U
83-32-9	Acenaphthene	340	U
51-28-5	2,4-Dinitrophenol	1300	U
100-02-7	4-Nitrophenol	340	U
132-64-9	Dibenzofuran	340	U
121-14-2	2,4-Dinitrotoluene	340	U
608-93-5	Pentachlorobenzene	340	U
91-59-8	2-Naphthylamine	680	U
606-20-2	2,6-Dinitrotoluene	340	U
134-32-7	1-Naphthylamine	680	U
58-90-2	2,3,4,6-Tetrachlorophenol	680	U
84-66-2	Diethylphthalate	340	U
297-97-2	Zinophos	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	680	U
99-55-8	5-Nitro-o-toluidine	680	U
534-52-1	4,6-Dinitro-2-Methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
122-39-4	Diphenylamine	340	U
99-35-4	1,3,5-Trinitrobenzene	680	U
122-66-7	1,2-Diphenylhydrazine	340	U
62-44-2	Phenacetin	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
2303-16-4	Diallate	340	U
60-51-5	Dimethoate	340	U
118-74-1	Hexachlorobenzene	340	U
92-67-1	4-Aminobiphenyl	340	U
23950-58-5	Pronamide	340	U
87-86-5	Pentachlorophenol	680	U
82-68-8	Pentachloronitrobenzene	340	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	340	U
84-74-2	Di-n-Butylphthalate	340	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	680	U
50-18-0-----Cyclophosphamide	1600	U
206-44-0-----Fluoranthene	260	J
92-87-5-----Benzidine	340	U
129-00-0-----Pyrene	320	J
60-11-7-----p-Dimethylaminoazobenzene	340	U
510-15-6-----Chlorobenzilate	340	U
119-93-7-----3,3'-Dimethylbenzidine	680	U
85-68-7-----Butylbenzylphthalate	340	U
53-96-3-----2-Acetylaminofluorene	340	U
101-14-4-----Methylene-bis(2-chloroaniline	340	U
91-94-1-----3,3'-Dichlorobenzidine	340	U
119-90-4-----3,3'-Dimethoxybenzidine	340	U
56-55-3-----Benzo(a)Anthracene	140	J
218-01-9-----Chrysene	210	J
117-81-7-----bis(2-Ethylhexyl) Phthalate	170	J
117-84-0-----Di-n-Octyl Phthalate	340	U
205-99-2-----Benzo(b) Fluoranthene	320	J
57-97-6-----7,12-Dimethylbenzanthracene	340	U
207-08-9-----Benzo(k) Fluoranthene	300	J
50-32-8-----Benzo(a) Pyrene	160	J
56-49-5-----3-Methylcholanthrene	340	U
224-42-0-----Dibenzo(a,j) acridine	340	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	340	U
53-70-3-----Dibenz(a,h) Anthracene	340	U
191-24-2-----Benzo(g,h,i) Perylene	340	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

417259

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P202S

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624

Matrix: (soil/water) SOIL Lab Sample ID: 417276

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GH017276A04

Level: (low/med) LOW Date Received: 05/08/91

% Moisture: not dec. 29 dec. \_\_\_\_\_ Date Extracted: 05/11/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	460	U
110-86-1	Pyridine	460	U
97-63-2	Ethyl methacrylate	460	U
123-63-7	Paraldehyde	460	U
109-06-8	2-Picoline	930	U
10595-95-6	Nitrosomethylethylamine	460	U
66-27-3	Methyl methanesulfonate	460	U
108-95-2	Phenol	69	J
55-18-5	N-Nitrosodiethylamine	460	U
62-50-0	Ethyl methanesulfonate	460	U
62-53-3	Aniline	460	U
76-01-7	Pentachloroethane	460	U
111-44-4	bis(2-Chloroethyl) Ether	930	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
100-44-7	Benzyl chloride	460	U
106-46-7	1,4-Dichlorobenzene	460	U
100-51-6	Benzyl Alcohol	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
39638-32-9	bis(2-Chloroisopropyl) Ether	460	U
108-39-4	3-Methylphenol	460	U
106-44-5	4-Methylphenol	460	U
930-55-2	N-Nitrosopyrrolidine	460	U
59-89-2	N-Nitrosomorpholine	460	U
98-86-2	Acetophenone	460	U
621-64-7	N-Nitroso-Di-n-Propylamine	460	U
636-21-5	o-Toluidine hydrochloride	460	U
67-72-1	Hexachloroethane	460	U
98-95-3	Nitrobenzene	460	U
100-75-4	N-Nitrosopiperidine	460	U
78-59-1	Isophorone	460	U
88-75-5	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	460	U
98-87-3-----	Benzal chloride	460	U
65-85-0-----	Benzoic Acid	510	J
111-91-1-----	bis(2-Chloroethoxy)Methane	460	U
120-83-2-----	2,4-Dichlorophenol	460	U
120-82-1-----	1,2,4-Trichlorobenzene	460	U
91-20-3-----	Naphthalene	170	J
106-47-8-----	4-Chloroaniline	460	U
87-65-0-----	2,6-Dichlorophenol	930	U
95-54-5-----	o-Phenylenediamine	460	U
122-09-8-----	dimethylphenylethylamine	460	U
1888-71-7-----	Hexachloropropene	460	U
87-68-3-----	Hexachlorobutadiene	460	U
87-61-6-----	1,2,3-Trichlorobenzene	460	U
98-07-7-----	Benzotrichloride	930	U
924-16-3-----	N-Nitroso-di-n-butylamine	460	U
59-50-7-----	4-Chloro-3-Methylphenol	460	U
106-50-3-----	p-Phenylenediamine	460	U
94-59-7-----	Safrole	460	U
106-50-3-----	m-Phenylenediamine	460	U
91-57-6-----	2-Methylnaphthalene	77	J
90-12-0-----	1-Methylnaphthalene	160	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	460	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	460	U
77-47-4-----	Hexachlorocyclopentadiene	460	U
88-06-2-----	2,4,6-Trichlorophenol	930	U
95-95-4-----	2,4,5-Trichlorophenol	930	U
120-58-1-----	Isosafrole	930	U
91-58-7-----	2-Chloronaphthalene	460	U
90-13-1-----	1-Chloronaphthalene	460	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	460	U
88-74-4-----	2-Nitroaniline	460	U
130-15-4-----	1,4-Naphthoquinone	930	U
100-25-4-----	1,4-Dinitrobenzene	930	U
131-11-3-----	Dimethyl Phthalate	460	U
208-96-8-----	Acenaphthylene	310	J

FORM I SV-1

1/87 Rev.

417276



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P202S

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624  
 Matrix: (soil/water) SOIL Lab Sample ID: 417276  
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: GH017276A04  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 29 dec. \_\_\_\_\_ Date Extracted: 05/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	460	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	460	U
132-64-9	Dibenzofuran	460	U
121-14-2	2,4-Dinitrotoluene	460	U
608-93-5	Pentachlorobenzene	460	U
91-59-8	2-Naphthylamine	930	U
606-20-2	2,6-Dinitrotoluene	460	U
134-32-7	1-Naphthylamine	930	U
58-90-2	2,3,4,6-Tetrachlorophenol	930	U
84-66-2	Diethylphthalate	460	U
297-97-2	Zinophos	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	130	J
100-01-6	4-Nitroaniline	930	U
99-55-8	5-Nitro-o-toluidine	930	U
534-52-1	4,6-Dinitro-2-Methylphenol	1400	U
86-30-6	N-Nitrosodiphenylamine (1)	460	U
122-39-4	Diphenylamine	460	U
99-35-4	1,3,5-Trinitrobenzene	930	U
122-66-7	1,2-Diphenylhydrazine	460	U
62-44-2	Phenacetin	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
2303-16-4	Diallate	460	U
60-51-5	Dimethoate	460	U
118-74-1	Hexachlorobenzene	460	U
92-67-1	4-Aminobiphenyl	460	U
23950-58-5	Pronamide	460	U
87-86-5	Pentachlorophenol	930	U
82-68-8	Pentachloronitrobenzene	460	U
85-01-8	Phenanthrene	890	
120-12-7	Anthracene	220	J
84-74-2	Di-n-Butylphthalate	79	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	930	U
50-18-0-----Cyclophosphamide	2200	U
206-44-0-----Fluoranthene	850	
92-87-5-----Benzidine	460	U
129-00-0-----Pyrene	1100	
60-11-7-----p-Dimethylaminoazobenzene	460	U
510-15-6-----Chlorobenzilate	460	U
119-93-7-----3,3'-Dimethylbenzidine	930	U
85-68-7-----Butylbenzylphthalate	460	U
53-96-3-----2-Acetylaminofluorene	460	U
101-14-4-----Methylene-bis(2-chloroaniline	460	U
91-94-1-----3,3'-Dichlorobenzidine	460	U
119-90-4-----3,3'-Dimethoxybenzidine	460	U
56-55-3-----Benzo(a)Anthracene	630	
218-01-9-----Chrysene	770	
117-81-7-----bis(2-Ethylhexyl) Phthalate	170	J
117-84-0-----Di-n-Octyl Phthalate	460	U
205-99-2-----Benzo(b) Fluoranthene	520	
57-97-6-----7,12-Dimethylbenzanthracene	460	U
207-08-9-----Benzo(k) Fluoranthene	720	
50-32-8-----Benzo(a) Pyrene	460	U
56-49-5-----3-Methylcholanthrene	460	U
224-42-0-----Dibenzo(a,j) acridine	460	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	350	J
53-70-3-----Dibenz(a,h) Anthracene	140	J
191-24-2-----Benzo(g,h,i) Perylene	440	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

417276

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P203S

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624  
 Matrix: (soil/water) SOIL Lab Sample ID: 417216  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH017216A04  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 28 dec. \_\_\_\_\_ Date Extracted: 05/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
62-75-9	N-Nitrosodimethylamine	450	U
110-86-1	Pyridine	450	U
97-63-2	Ethyl methacrylate	450	U
123-63-7	Paraldehyde	450	U
109-06-8	2-Picoline	900	U
10595-95-6	Nitrosomethylethylamine	450	U
66-27-3	Methyl methanesulfonate	450	U
108-95-2	Phenol	450	U
55-18-5	N-Nitrosodiethylamine	450	U
62-50-0	Ethyl methanesulfonate	450	U
62-53-3	Aniline	450	U
76-01-7	Pentachloroethane	450	U
111-44-4	bis(2-Chloroethyl)Ether	900	U
95-57-8	2-Chlorophenol	450	U
541-73-1	1,3-Dichlorobenzene	450	U
100-44-7	Benzyl chloride	450	U
106-46-7	1,4-Dichlorobenzene	450	U
100-51-6	Benzyl Alcohol	450	U
95-50-1	1,2-Dichlorobenzene	450	U
95-48-7	2-Methylphenol	450	U
39638-32-9	bis(2-Chloroisopropyl)Ether	450	U
108-39-4	3-Methylphenol	450	U
106-44-5	4-Methylphenol	450	U
930-55-2	N-Nitrosopyrrolidine	450	U
59-89-2	N-Nitrosomorpholine	450	U
98-86-2	Acetophenone	450	U
621-64-7	N-Nitroso-Di-n-Propylamine	450	U
636-21-5	o-Toluidine hydrochloride	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
100-75-4	N-Nitrosopiperidine	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	450	U
98-87-3-----Benzal chloride	450	U
65-85-0-----Benzoic Acid	4500	U
111-91-1-----bis(2-Chloroethoxy)Methane	450	U
120-83-2-----2,4-Dichlorophenol	450	U
120-82-1-----1,2,4-Trichlorobenzene	450	U
91-20-3-----Naphthalene	450	U
106-47-8-----4-Chloroaniline	450	U
87-65-0-----2,6-Dichlorophenol	900	U
95-54-5-----o-Phenylenediamine	450	U
122-09-8-----dimethylphenylethylamine	450	U
1888-71-7-----Hexachloropropene	450	U
87-68-3-----Hexachlorobutadiene	450	U
87-61-6-----1,2,3-Trichlorobenzene	450	U
98-07-7-----Benzotrichloride	900	U
924-16-3-----N-Nitroso-di-n-butylamine	450	U
59-50-7-----4-Chloro-3-Methylphenol	450	U
106-50-3-----P-Phenylenediamine	450	U
94-59-7-----Safrole	450	U
106-50-3-----m-Phenylenediamine	450	U
91-57-6-----2-Methylnaphthalene	450	U
90-12-0-----1-Methylnaphthalene	450	U
95-94-3-----1,2,4,5-Tetrachlorobenzene	450	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	450	U
77-47-4-----Hexachlorocyclopentadiene	450	U
88-06-2-----2,4,6-Trichlorophenol	900	U
95-95-4-----2,4,5-Trichlorophenol	900	U
120-58-1-----Isosafrole	900	U
91-58-7-----2-Chloronaphthalene	450	U
90-13-1-----1-Chloronaphthalene	450	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	450	U
88-74-4-----2-Nitroaniline	450	U
130-15-4-----1,4-Naphthoquinone	900	U
100-25-4-----1,4-Dinitrobenzene	900	U
131-11-3-----Dimethyl Phthalate	450	U
208-96-8-----Acenaphthylene	330	J

FORM I SV-1

1/87 Rev.

417216

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P203S

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624  
 Matrix: (soil/water) SOIL Lab Sample ID: 417216  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH017216A04  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 28 dec. \_\_\_\_\_ Date Extracted: 05/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	900	U
83-32-9	Acenaphthene	450	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	450	U
132-64-9	Dibenzofuran	450	U
121-14-2	2,4-Dinitrotoluene	450	U
608-93-5	Pentachlorobenzene	450	U
91-59-8	2-Naphthylamine	900	U
606-20-2	2,6-Dinitrotoluene	450	U
134-32-7	1-Naphthylamine	900	U
58-90-2	2,3,4,6-Tetrachlorophenol	900	U
84-66-2	Diethylphthalate	450	U
297-97-2	Zinophos	450	U
7005-72-3	4-Chlorophenyl-phenylether	450	U
86-73-7	Fluorene	65	J
100-01-6	4-Nitroaniline	900	U
99-55-8	5-Nitro-o-toluidine	900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1400	U
86-30-6	N-Nitrosodiphenylamine (1)	450	U
122-39-4	Diphenylamine	450	U
99-35-4	1,3,5-Trinitrobenzene	900	U
122-66-7	1,2-Diphenylhydrazine	450	U
62-44-2	Phenacetin	450	U
101-55-3	4-Bromophenyl-phenylether	450	U
2303-16-4	Diallate	450	U
60-51-5	Dimethoate	450	U
118-74-1	Hexachlorobenzene	450	U
92-67-1	4-Aminobiphenyl	450	U
23950-58-5	Pronamide	450	U
87-86-5	Pentachlorophenol	900	U
82-68-8	Pentachloronitrobenzene	450	U
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	100	J
84-74-2	Di-n-Butylphthalate	57	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	190	J
50-18-0-----Cyclophosphamide	2200	U
206-44-0-----Fluoranthene	690	
92-87-5-----Benzidine	450	U
129-00-0-----Pyrene	1400	
60-11-7-----p-Dimethylaminoazobenzene	450	U
510-15-6-----Chlorobenzilate	450	U
119-93-7-----3,3'-Dimethylbenzidine	900	U
85-68-7-----Butylbenzylphthalate	450	U
53-96-3-----2-Acetylaminofluorene	450	U
101-14-4-----Methylene-bis(2-chloroaniline	450	U
91-94-1-----3,3'-Dichlorobenzidine	450	U
119-90-4-----3,3'-Dimethoxybenzidine	450	U
56-55-3-----Benzo(a)Anthracene	690	
218-01-9-----Chrysene	690	
117-81-7-----bis(2-Ethylhexyl) Phthalate	130	J
117-84-0-----Di-n-Octyl Phthalate	49	J
205-99-2-----Benzo(b) Fluoranthene	850	
57-97-6-----7,12-Dimethylbenzanthracene	450	U
207-08-9-----Benzo(k) Fluoranthene	1800	
50-32-8-----Benzo(a) Pyrene	630	
56-49-5-----3-Methylcholanthrene	450	U
224-42-0-----Dibenzo(a, j) acridine	450	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	370	J
53-70-3-----Dibenz(a, h) Anthracene	190	J
191-24-2-----Benzo(g, h, i) Perylene	510	

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

417216

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P204S

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624

Matrix: (soil/water) SOIL Lab Sample ID: 417232

Sample wt/vol: 30.9 (g/mL) G Lab File ID: GH017232A04

Level: (low/med) LOW Date Received: 05/08/91

% Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 05/11/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	410	U
110-86-1	Pyridine	410	U
97-63-2	Ethyl methacrylate	410	U
123-63-7	Paraldehyde	410	U
109-06-8	2-Picoline	810	U
10595-95-6	Nitrosomethylethylamine	410	U
66-27-3	Methyl methanesulfonate	410	U
108-95-2	Phenol	190	J
55-18-5	N-Nitrosodiethylamine	410	U
62-50-0	Ethyl methanesulfonate	410	U
62-53-3	Aniline	410	U
76-01-7	Pentachloroethane	410	U
111-44-4	bis(2-Chloroethyl) Ether	810	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
100-44-7	Benzyl chloride	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
39638-32-9	bis(2-Chloroisopropyl) Ether	410	U
108-39-4	3-Methylphenol	410	U
106-44-5	4-Methylphenol	410	U
930-55-2	N-Nitrosopyrrolidine	410	U
59-89-2	N-Nitrosomorpholine	410	U
98-86-2	Acetophenone	360	J
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
636-21-5	o-Toluidine hydrochloride	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
100-75-4	N-Nitrosopiperidine	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	410	U
98-87-3-----	Benzal chloride	410	U
65-85-0-----	Benzoic Acid	1200	J
111-91-1-----	bis(2-Chloroethoxy)Methane	410	U
120-83-2-----	2,4-Dichlorophenol	410	U
120-82-1-----	1,2,4-Trichlorobenzene	53	J
91-20-3-----	Naphthalene	490	
106-47-8-----	4-Chloroaniline	410	U
87-65-0-----	2,6-Dichlorophenol	810	U
95-54-5-----	o-Phenylenediamine	410	U
122-09-8-----	dimethylphenylethylamine	410	U
1888-71-7-----	Hexachloropropene	410	U
87-68-3-----	Hexachlorobutadiene	410	U
87-61-6-----	1,2,3-Trichlorobenzene	48	J
98-07-7-----	Benzotrichloride	810	U
924-16-3-----	N-Nitroso-di-n-butylamine	410	U
59-50-7-----	4-Chloro-3-Methylphenol	410	U
106-50-3-----	p-Phenylenediamine	410	U
94-59-7-----	Safrole	410	U
106-50-3-----	m-Phenylenediamine	410	U
91-57-6-----	2-Methylnaphthalene	310	J
90-12-0-----	1-Methylnaphthalene	410	
95-94-3-----	1,2,4,5-Tetrachlorobenzene	410	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	410	U
77-47-4-----	Hexachlorocyclopentadiene	410	U
88-06-2-----	2,4,6-Trichlorophenol	810	U
95-95-4-----	2,4,5-Trichlorophenol	810	U
120-58-1-----	Isosafrole	810	U
91-58-7-----	2-Chloronaphthalene	410	U
90-13-1-----	1-Chloronaphthalene	410	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	410	U
88-74-4-----	2-Nitroaniline	410	U
130-15-4-----	1,4-Naphthoquinone	810	U
100-25-4-----	1,4-Dinitrobenzene	810	U
131-11-3-----	Dimethyl Phthalate	410	U
208-96-8-----	Acenaphthylene	1900	

FORM I SV-1

1/87 Rev.

417232



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P204S

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624  
 Matrix: (soil/water) SOIL Lab Sample ID: 417232  
 Sample wt/vol: 30.9 (g/mL) G Lab File ID: GH017232A04  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 05/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	140	J
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
608-93-5	Pentachlorobenzene	410	U
91-59-8	2-Naphthylamine	810	U
606-20-2	2,6-Dinitrotoluene	410	U
134-32-7	1-Naphthylamine	810	U
58-90-2	2,3,4,6-Tetrachlorophenol	810	U
84-66-2	Diethylphthalate	410	U
297-97-2	Zinophos	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	280	J
100-01-6	4-Nitroaniline	810	U
99-55-8	5-Nitro-o-toluidine	810	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
122-39-4	Diphenylamine	410	U
99-35-4	1,3,5-Trinitrobenzene	810	U
122-66-7	1,2-Diphenylhydrazine	410	U
62-44-2	Phenacetin	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
2303-16-4	Diallate	410	U
60-51-5	Dimethoate	410	U
118-74-1	Hexachlorobenzene	410	U
92-67-1	4-Aminobiphenyl	410	U
23950-58-5	Pronamide	410	U
87-86-5	Pentachlorophenol	810	U
82-68-8	Pentachloronitrobenzene	410	U
85-01-8	Phenanthrene	2200	
120-12-7	Anthracene	610	
84-74-2	Di-n-Butylphthalate	390	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	810	U
50-18-0-----Cyclophosphamide	2000	U
206-44-0-----Fluoranthene	3100	
92-87-5-----Benzidine	410	U
129-00-0-----Pyrene	3100	
60-11-7-----p-Dimethylaminoazobenzene	410	U
510-15-6-----Chlorobenzilate	410	U
119-93-7-----3,3'-Dimethylbenzidine	810	U
85-68-7-----Butylbenzylphthalate	410	U
53-96-3-----2-Acetylaminofluorene	410	U
101-14-4-----Methylene-bis(2-chloroaniline)	410	U
91-94-1-----3,3'-Dichlorobenzidine	410	U
119-90-4-----3,3'-Dimethoxybenzidine	410	U
56-55-3-----Benzo(a)Anthracene	2100	
218-01-9-----Chrysene	2300	
117-81-7-----bis(2-Ethylhexyl)Phthalate	260	J
117-84-0-----Di-n-Octyl Phthalate	410	U
205-99-2-----Benzo(b)Fluoranthene	2600	
57-97-6-----7,12-Dimethylbenzanthracene	410	U
207-08-9-----Benzo(k)Fluoranthene	4500	
50-32-8-----Benzo(a)Pyrene	1900	
56-49-5-----3-Methylcholanthrene	410	U
224-42-0-----Dibenzo(a,j)acridine	410	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	1800	
53-70-3-----Dibenz(a,h)Anthracene	780	
191-24-2-----Benzo(g,h,i)Perylene	2100	

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

417232

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P205S

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624  
 Matrix: (soil/water) SOIL Lab Sample ID: 417242  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GH017242A04  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 24 dec. \_\_\_\_\_ Date Extracted: 05/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	430	U
110-86-1	Pyridine	430	U
97-63-2	Ethyl methacrylate	430	U
123-63-7	Paraldehyde	430	U
109-06-8	2-Picoline	860	U
10595-95-6	Nitrosomethylethylamine	430	U
66-27-3	Methyl methanesulfonate	430	U
108-95-2	Phenol	1700	
55-18-5	N-Nitrosodiethylamine	430	U
62-50-0	Ethyl methanesulfonate	430	U
62-53-3	Aniline	1900	
76-01-7	Pentachloroethane	430	U
111-44-4	bis(2-Chloroethyl) Ether	860	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
100-44-7	Benzyl chloride	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	200	J
39638-32-9	bis(2-Chloroisopropyl) Ether	430	U
108-39-4	3-Methylphenol	630	X
106-44-5	4-Methylphenol	630	X
930-55-2	N-Nitrosopyrrolidine	430	U
59-89-2	N-Nitrosomorpholine	430	U
98-86-2	Acetophenone	130	J
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
636-21-5	o-Toluidine hydrochloride	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
100-75-4	N-Nitrosopiperidine	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	540	

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	430	U
98-87-3-----	Benzal chloride	430	U
65-85-0-----	Benzoic Acid	280	J
111-91-1-----	bis(2-Chloroethoxy)Methane	430	U
120-83-2-----	2,4-Dichlorophenol	430	U
120-82-1-----	1,2,4-Trichlorobenzene	430	U
91-20-3-----	Naphthalene	54	J
106-47-8-----	4-Chloroaniline	430	U
87-65-0-----	2,6-Dichlorophenol	860	U
95-54-5-----	o-Phenylenediamine	430	U
122-09-8-----	dimethylphenylethylamine	430	U
1888-71-7-----	Hexachloropropene	430	U
87-68-3-----	Hexachlorobutadiene	430	U
87-61-6-----	1,2,3-Trichlorobenzene	430	U
98-07-7-----	Benzotrichloride	860	U
924-16-3-----	N-Nitroso-di-n-butylamine	430	U
59-50-7-----	4-Chloro-3-Methylphenol	430	U
106-50-3-----	P-Phenylenediamine	430	U
94-59-7-----	Safrole	430	U
106-50-3-----	m-Phenylenediamine	430	U
91-57-6-----	2-Methylnaphthalene	430	U
90-12-0-----	1-Methylnaphthalene	60	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	430	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	430	U
77-47-4-----	Hexachlorocyclopentadiene	430	U
88-06-2-----	2,4,6-Trichlorophenol	860	U
95-95-4-----	2,4,5-Trichlorophenol	860	U
120-58-1-----	Isosafrole	860	U
91-58-7-----	2-Chloronaphthalene	430	U
90-13-1-----	1-Chloronaphthalene	430	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	430	U
88-74-4-----	2-Nitroaniline	430	U
130-15-4-----	1,4-Naphthoquinone	860	U
100-25-4-----	1,4-Dinitrobenzene	860	U
131-11-3-----	Dimethyl Phthalate	430	U
208-96-8-----	Acenaphthylene	49	J

FORM I SV-1

1/87 Rev.

417242

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P205S

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624  
 Matrix: (soil/water) SOIL Lab Sample ID: 417242  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GH017242A04  
 Level: (low/med) LOW Date Received: 05/08/91  
 % Moisture: not dec. 24 dec. \_\_\_\_\_ Date Extracted: 05/11/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	860	U
83-32-9	Acenaphthene	170	J
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	430	U
132-64-9	Dibenzofuran	80	J
121-14-2	2,4-Dinitrotoluene	430	U
608-93-5	Pentachlorobenzene	430	U
91-59-8	2-Naphthylamine	860	U
606-20-2	2,6-Dinitrotoluene	430	U
134-32-7	1-Naphthylamine	860	U
58-90-2	2,3,4,6-Tetrachlorophenol	860	U
84-66-2	Diethylphthalate	430	U
297-97-2	Zinophos	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	140	J
100-01-6	4-Nitroaniline	860	U
99-55-8	5-Nitro-o-toluidine	860	U
534-52-1	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
122-39-4	Diphenylamine	430	U
99-35-4	1,3,5-Trinitrobenzene	860	U
122-66-7	1,2-Diphenylhydrazine	430	U
62-44-2	Phenacetin	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
2303-16-4	Diallate	430	U
60-51-5	Dimethoate	430	U
118-74-1	Hexachlorobenzene	430	U
92-67-1	4-Aminobiphenyl	430	U
23950-58-5	Pronamide	430	U
87-86-5	Pentachlorophenol	860	U
82-68-8	Pentachloronitrobenzene	430	U
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	250	J
84-74-2	Di-n-Butylphthalate	3000	

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	860	U
50-18-0-----Cyclophosphamide	2100	U
206-44-0-----Fluoranthene	2100	
92-87-5-----Benzidine	430	U
129-00-0-----Pyrene	2000	
60-11-7-----p-Dimethylaminoazobenzene	430	U
510-15-6-----Chlorobenzilate	430	U
119-93-7-----3,3'-Dimethylbenzidine	860	U
85-68-7-----Butylbenzylphthalate	380	J
53-96-3-----2-Acetylaminofluorene	430	U
101-14-4-----Methylene-bis(2-chloroaniline)	430	U
91-94-1-----3,3'-Dichlorobenzidine	430	U
119-90-4-----3,3'-Dimethoxybenzidine	430	U
56-55-3-----Benzo(a)Anthracene	1300	
218-01-9-----Chrysene	1300	
117-81-7-----bis(2-Ethylhexyl) Phthalate	880	
117-84-0-----Di-n-Octyl Phthalate	430	U
205-99-2-----Benzo(b) Fluoranthene	1100	
57-97-6-----7,12-Dimethylbenzanthracene	430	U
207-08-9-----Benzo(k) Fluoranthene	2000	
50-32-8-----Benzo(a) Pyrene	1200	
56-49-5-----3-Methylcholanthrene	430	U
224-42-0-----Dibenzo(a, j) acridine	430	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	680	
53-70-3-----Dibenz(a, h) Anthracene	270	J
191-24-2-----Benzo(g, h, i) Perylene	710	

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

417242

copy

Area II Wells 6, 4, 7, 1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SV

P201B1416

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08

Matrix: (soil/water) SOIL Lab Sample ID: 393946

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH093946C04

Level: (low/med) LOW Date Received: 01/18/91

% Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 01/21/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg) <u>UG/KG</u>	
62-75-9	N-Nitrosodimethylamine	410	U
110-86-1	Pyridine	410	U
97-63-2	Ethyl methacrylate	410	U
123-63-7	Paraldehyde	410	U
109-06-8	2-Picoline	810	U
10595-95-6	Nitrosomethylethylamine	410	U
66-27-3	Methyl methanesulfonate	410	U
108-95-2	Phenol	410	U
55-18-5	N-Nitrosodiethylamine	410	U
62-50-5	Ethyl methanesulfonate	410	U
62-53-3	Aniline	410	U
76-01-7	Pentachloroethane	410	U
111-44-4	bis(2-Chloroethyl) Ether	810	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	210	J/
100-44-7	Benzyl chloride	410	U
106-46-7	1,4-Dichlorobenzene	190	J/
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
39638-32-9	bis(2-Chloroisopropyl) Ether	410	U
108-39-4	3-Methylphenol	410	U
106-44-5	4-Methylphenol	410	U
930-55-2	N-Nitrosopyrrolidine	410	U
59-89-2	N-Nitrosomorpholine	410	U
98-86-2	Acetophenone	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
636-21-5	o-Toluidine hydrochloride	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
100-75-4	N-Nitrosopiperidine	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U

FORM I SV-1 1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	66	J
98-87-3-----Benzal chloride	410	U
65-85-0-----Benzoic Acid	4100	U
111-91-1-----bis(2-Chloroethoxy)Methane	410	U
120-83-2-----2,4-Dichlorophenol	410	U
120-82-1-----1,2,4-Trichlorobenzene	410	U
91-20-3-----Naphthalene	530	✓
106-47-8-----4-Chloroaniline	410	U
87-65-0-----2,6-Dichlorophenol	810	U
95-54-5-----o-Phenylenediamine	410	U
122-09-8-----dimethylphenylethylamine	410	U
1888-71-7-----Hexachloropropene	410	U
87-68-3-----Hexachlorobutadiene	410	U
87-61-6-----1,2,3-Trichlorobenzene	410	U
98-07-7-----Benzotrichloride	810	U
924-16-3-----N-Nitroso-di-n-butylamine	410	U
59-50-7-----4-Chloro-3-Methylphenol	410	U
106-50-3-----P-Phenylenediamine	410	U
94-59-7-----Safrole	410	U
106-50-3-----m-Phenylenediamine	410	U
91-57-6-----2-Methylnaphthalene	45	J
90-12-0-----1-Methylnaphthalene	1500	✓
95-94-3-----1,2,4,5-Tetrachlorobenzene	410	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	410	U
77-47-4-----Hexachlorocyclopentadiene	410	U
88-06-2-----2,4,6-Trichlorophenol	810	U
95-95-4-----2,4,5-Trichlorophenol	810	U
120-58-1-----Isosafrole	810	U
91-58-7-----2-Chloronaphthalene	410	U
90-13-1-----1-Chloronaphthalene	410	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	410	U
88-74-4-----2-Nitroaniline	410	U
130-15-4-----1,4-Naphthoquinone	810	U
100-25-4-----1,4-Dinitrobenzene	810	U
131-11-3-----Dimethyl Phthalate	410	U
208-96-8-----Acenaphthylene	100	J

FORM I SV-1

1/87 Rev.

P201B1416



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P201B1416

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 393946  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH093946C04  
 Level: (low/med) LOW Date Received: 01/18/91  
 % Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 01/21/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	1000	✓
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
608-93-5	Pentachlorobenzene	410	U
134-32-7	2-Naphthylamine	810	U
606-20-2	2,6-Dinitrotoluene	410	U
134-32-7	1-Naphthylamine	810	U
58-90-2	2,3,4,6-Tetrachlorophenol	810	U
84-66-2	Diethylphthalate	410	U
297-97-2	Zinophos	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	580	
100-01-6	4-Nitroaniline	810	U
99-55-8	5-Nitro-o-toluidine	810	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
122-39-4	Diphenylamine	410	U
99-35-4	1,3,5-Trinitrobenzene	810	U
122-66-7	1,2-Diphenylhydrazine	410	U
62-44-2	Phenacetin	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
2303-16-4	Diallate	410	U
60-51-5	Dimethoate	410	U
118-74-1	Hexachlorobenzene	410	U
92-67-1	4-Aminobiphenyl	410	U
23950-58-5	Pronamide	410	U
87-86-5	Pentachlorophenol	810	U
82-68-8	Pentachloronitrobenzene	410	U
85-01-8	Phenanthrene	930	✓
120-12-7	Anthracene	290	J✓
84-74-2	Di-n-Butylphthalate	410	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	810	U
50-18-0-----Cyclophosphamide	2000	U
206-44-0-----Fluoranthene	530	✓
92-87-5-----Benzidine	410	U
129-00-0-----Pyrene	570	✓
140-57-8-----Aramite	810	U
60-11-7-----p-Dimethylaminoazobenzene	410	U
510-15-6-----Chlorobenzilate	410	U
119-93-7-----3,3'-Dimethylbenzidine	810	U
85-68-7-----Butylbenzylphthalate	410	U
53-96-3-----2-Acetylaminofluorene	410	U
101-14-4-----Methylene-bis(2-chloroaniline	410	U
91-94-1-----3,3'-Dichlorobenzidine	410	U
106-51-4-----3,3'-Dimethoxybenzidine	410	U
56-55-3-----Benzo(a)Anthracene	270	J✓
218-01-9-----Chrysene	230	J✓
117-81-7-----bis(2-Ethylhexyl)Phthalate	170	J✓
117-84-0-----Di-n-Octyl Phthalate	410	U
205-99-2-----Benzo(b)Fluoranthene	170	J.
57-97-6-----7,12-Dimethylbenzanthracene	410	U
207-08-9-----Benzo(k)Fluoranthene	88	J.
50-32-8-----Benzo(a)Pyrene	190	J✓
56-49-5-----3-Methylcholanthrene	410	U
224-42-0-----Dibenzo(a,j)acridine	410	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	76	J✓
53-70-3-----Dibenz(a,h)Anthracene	410	U
191-24-2-----Benzo(g,h,i)Perylene	88	J✓

(1) - Cannot be separated from Diphenylamine

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P201B1416

Lab Name: COMFUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 393946  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH093946C04  
 Level: (low/med) LOW Date Received: 01/18/91  
 % Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 01/21/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

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

Number TICs found: 22

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SOLVENT CONTAMINANT	5.28	700	BJ
2.	ALDOL	6.90	1000	BAJ
3.	UNKNOWN HYDROCARBON	13.35	2000	J
4.	UNKNOWN HYDROCARBON	13.75	1800	J
5.	UNKNOWN HYDROCARBON	14.75	2900	J
6.	UNKNOWN	15.02	1800	J
7. 18344-37-1	HEPTADECANE, 2,6,10,14-TETRA	15.24	2100	J
8. 54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	15.75	4100	J
9.	UNKNOWN	16.10	2200	J
10.	UNKNOWN HDYROCARBON	16.40	950	J
11.	UNKNOWN	16.47	860	J
12.	UNKNOWN HYDROCARBON	16.54	1800	J
13. 18344-37-1	HEPTADECANE, 2,6,10,14-TETRA	16.69	3400	J
14.	UNKNOWN HYDROCARBON	17.39	2200	J
15.	UNKNOWN	17.47	1400	J
16.	UNKNOWN HYDROCARBON	18.09	2500	J
17.	UNKNOWN HYDROCARBON	18.22	1400	J
18. 629-99-2	PENTACOSANE	18.82	2300	J
19.	UNKNOWN	18.94	1200	J
20.	PCB	20.42	820	J
21.	PCB	20.79	990	J
22.	PCB	21.42	700	J

SV AREA 2 02, 03

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P202B0608

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 17  
 Matrix: (soil/water) SOIL Lab Sample ID: 393509  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GDJ93509B22  
 Level: (low/med) LOW Date Received: 01/16/91  
 % Moisture: not dec. 31 dec. \_\_\_\_\_ Date Extracted: 01/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/24/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	4700	U
110-86-1	Pyridine	4700	U
97-63-2	Ethyl methacrylate	4700	U
123-63-7	Paraldehyde	4700	U
109-06-8	2-Picoline	9500	U
10595-95-6	Nitrosomethylethylamine	4700	U
66-27-3	Methyl methanesulfonate	4700	U
108-95-2	Phenol	4700	U
55-18-5	N-Nitrosodiethylamine	4700	U
62-50-5	Ethyl methanesulfonate	4700	U
62-53-3	Aniline	4700	U
76-01-7	Pentachloroethane	4700	U
111-44-4	bis(2-Chloroethyl) Ether	9500	U
95-57-8	2-Chlorophenol	4700	U
541-73-1	1,3-Dichlorobenzene	2200	J
100-44-7	Benzyl chloride	4700	U
106-46-7	1,4-Dichlorobenzene	8100	U
100-51-6	Benzyl Alcohol	4700	U
95-50-1	1,2-Dichlorobenzene	4700	U
95-48-7	2-Methylphenol	4700	U
39638-32-9	bis(2-Chloroisopropyl) Ether	4700	U
108-39-4	3-Methylphenol	4700	U
106-44-5	4-Methylphenol	4700	U
930-55-2	N-Nitrosopyrrolidine	4700	U
59-89-2	N-Nitrosomorpholine	4700	U
98-86-2	Acetophenone	4700	U
621-64-7	N-Nitroso-Di-n-Propylamine	4700	U
636-21-5	o-Toluidine hydrochloride	4700	U
67-72-1	Hexachloroethane	4700	U
98-95-3	Nitrobenzene	4700	U
100-75-4	N-Nitrosopiperidine	4700	U
78-59-1	Isophorone	4700	U
88-75-5	2-Nitrophenol	4700	U
105-67-9	2,4-Dimethylphenol	4700	U

108-70-3-----	1,3,5-Trichlorobenzene	530	J✓
98-87-3-----	Benzal chloride	4700	U
65-85-0-----	Benzoic Acid	47000	U
111-91-1-----	bis(2-Chloroethoxy) Methane	4700	U
120-83-2-----	2,4-Dichlorophenol	4700	U
120-82-1-----	1,2,4-Trichlorobenzene	720	J✓
91-20-3-----	Naphthalene	42000	✓
106-47-8-----	4-Chloroaniline	4700	U
87-65-0-----	2,6-Dichlorophenol	9500	U
95-54-5-----	o-Phenylenediamine	4700	U
122-09-8-----	dimethylphenylethylamine	4700	U
1888-71-7-----	Hexachloropropene	4700	U
87-68-3-----	Hexachlorobutadiene	4700	U
87-61-6-----	1,2,3-Trichlorobenzene	4700	U
98-07-7-----	Benzotrichloride	9500	U
924-16-3-----	N-Nitroso-di-n-butylamine	4700	U
59-50-7-----	4-Chloro-3-Methylphenol	4700	U
106-50-3-----	p-Phenylenediamine	4700	U
94-59-7-----	Safrole	4700	U
106-50-3-----	m-Phenylenediamine	4700	U
91-57-6-----	2-Methylnaphthalene	29000	✓
90-12-0-----	1-Methylnaphthalene	66000	✓
95-94-3-----	1,2,4,5-Tetrachlorobenzene	4700	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	4700	U
77-47-4-----	Hexachlorocyclopentadiene	4700	U
88-06-2-----	2,4,6-Trichlorophenol	9500	U
95-95-4-----	2,4,5-Trichlorophenol	9500	U
120-58-1-----	Isosafrole	9500	U
91-58-7-----	2-Chloronaphthalene	4700	U
90-13-1-----	1-Chloronaphthalene	4700	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	4700	U
88-74-4-----	2-Nitroaniline	4700	U
130-15-4-----	1,4-Naphthoquinone	9500	U
100-25-4-----	1,4-Dinitrobenzene	9500	U
131-11-3-----	Dimethyl Phthalate	4700	U
208-96-8-----	Acenaphthylene	2900	J✓

CC# 393509

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P202B0608

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 17  
 Matrix: (soil/water) SOIL Lab Sample ID: 393509  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GDJ93509B22  
 Level: (low/med) LOW Date Received: 01/16/91  
 % Moisture: not dec. 31 dec. \_\_\_\_\_ Date Extracted: 01/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/24/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	9500	U
83-32-9	Acenaphthene	26000	✓
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	4700	U
132-64-9	Dibenzofuran	4700	U
121-14-2	2,4-Dinitrotoluene	4700	U
608-93-5	Pentachlorobenzene	4700	U
134-32-7	2-Naphthylamine	9500	U
606-20-2	2,6-Dinitrotoluene	4700	U
134-32-7	1-Naphthylamine	9500	U
58-90-2	2,3,4,6-Tetrachlorophenol	9500	U
84-66-2	Diethylphthalate	4700	U
297-97-2	Zinophos	4700	U
7005-72-3	4-Chlorophenyl-phenylether	4700	U
86-73-7	Fluorene	18000	✓
100-01-6	4-Nitroaniline	9500	U
99-55-8	5-Nitro-o-toluidine	9500	U
534-52-1	4,6-Dinitro-2-Methylphenol	14000	U
86-30-6	N-Nitrosodiphenylamine (1)	4700	U
122-39-4	Diphenylamine	4700	U
99-35-4	1,3,5-Trinitrobenzene	9500	U
122-66-7	1,2-Diphenylhydrazine	4700	U
62-44-2	Phenacetin	4700	U
101-55-3	4-Bromophenyl-phenylether	4700	U
2303-16-4	Diallate	4700	U
60-51-5	Dimethoate	4700	U
118-74-1	Hexachlorobenzene	4700	U
92-67-1	4-Aminobiphenyl	4700	U
23950-58-5	Pronamide	4700	U
87-86-5	Pentachlorophenol	9500	U
82-68-8	Pentachloronitrobenzene	4700	U
85-01-8	Phenanthrene	55000	✓
120-12-7	Anthracene	13000	✓
84-74-2	Di-n-Butylphthalate	4700	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

ce# 393509

91-80-5-----Methapyrilene	9500	U
50-18-0-----Cyclophosphamide	23000	U
206-44-0-----Fluoranthene	21000	/
92-87-5-----Benzidine	4700	U
129-00-0-----Pyrene	18000	.
60-11-7-----p-Dimethylaminoazobenzene	4700	U
510-15-6-----Chlorobenzilate	4700	U
119-93-7-----3,3'-Dimethylbenzidine	9500	U
85-68-7-----Butylbenzylphthalate	4700	U
53-96-3-----2-Acetylaminofluorene	4700	U
101-14-4-----Methylene-bis(2-chloroaniline	4700	U
91-94-1-----3,3'-Dichlorobenzidine	4700	U
106-51-4-----3,3'-Dimethoxybenzidine	4700	U
56-55-3-----Benzo(a)Anthracene	11000	/
218-01-9-----Chrysene	9700	/
117-81-7-----bis(2-Ethylhexyl)Phthalate	4700	U
117-84-0-----Di-n-Octyl Phthalate	4700	U
205-99-2-----Benzo(b)Fluoranthene	10000	X/
57-97-6-----7,12-Dimethylbenzanthracene	4700	U
207-08-9-----Benzo(k)Fluoranthene	10000	X/
50-32-8-----Benzo(a)Pyrene	8300	/
56-49-5-----3-Methylcholanthrene	4700	U
224-42-0-----Dibenzo(a,j)acridine	4700	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	1800	J/
53-70-3-----Dibenz(a,h)Anthracene	760	J/
191-24-2-----Benzo(g,h,i)Perylene	2100	J/

(1) - Cannot be separated from Diphenylamine

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P202B0608

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 393509

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GDJ93509B22

Level: (low/med) LOW Date Received: 01/16/91

% Moisture: not dec. 31 dec. \_\_\_\_\_ Date Extracted: 01/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/24/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	6.30	57000	J
2.	UNKNOWN CYCLICHYDROCARBON	6.47	33000	J
3.	UNKNOWN	6.65	39000	J
4.	UNKNOWN HYDROCARBON	6.80	22000	J
5.	UNKNOWN	7.00	38000	J
6.	UNKNOWN HYDROCARBON	7.35	33000	J
7. 4292-92-6	CYCLOHEXANE, PENTYL-	7.53	32000	J
8.	UNKNOWN HYDROCARBON	7.70	22000	J
9.	UNKNOWN HYDROCARBON	8.17	28000	J
10.	UNKNOWN	8.49	19000	J
11.	UNKNOWN HYDROCARBON	8.69	23000	J
12.	UNKNOWN HYDROCARBON	9.59	25000	J
13.	UNKNOWN	9.79	20000	J
14.	DIMETHYLNAPHTHALENE	10.17	23000	J
15.	UNKNOWN	10.24	43000	J
16.	UNKNOWN	10.54	28000	J
17.	UNKNOWN	10.64	29000	J
18.	UNKNOWN	11.29	27000	J
19.	UNKNOWN HYDROCARBON	11.67	22000	J
20.	UNKNOWN HYDROCARBON	12.07	39000	J



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P202B0608RE

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 17  
 Matrix: (soil/water) SOIL Lab Sample ID: 393509  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GJD93509C22  
 Level: (low/med) LOW Date Received: 01/16/91  
 % Moisture: not dec. 31 dec. \_\_\_\_\_ Date Extracted: 01/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	4700	U
110-86-1	Pyridine	4700	U
97-63-2	Ethyl methacrylate	4700	U
123-63-7	Paraldehyde	4700	U
109-06-8	2-Picoline	9500	U
10595-95-6	Nitrosomethylethylamine	4700	U
66-27-3	Methyl methanesulfonate	4700	U
108-95-2	Phenol	4700	U
55-18-5	N-Nitrosodiethylamine	4700	U
62-50-5	Ethyl methanesulfonate	4700	U
62-53-3	Aniline	4700	U
76-01-7	Pentachloroethane	4700	U
111-44-4	bis(2-Chloroethyl) Ether	9500	U
95-57-8	2-Chlorophenol	4700	U
541-73-1	1,3-Dichlorobenzene	2400	J
100-44-7	Benzyl chloride	4700	U
106-46-7	1,4-Dichlorobenzene	9300	
100-51-6	Benzyl Alcohol	4700	U
95-50-1	1,2-Dichlorobenzene	4700	U
95-48-7	2-Methylphenol	4700	U
39638-32-9	bis(2-Chloroisopropyl) Ether	4700	U
108-39-4	3-Methylphenol	4700	U
106-44-5	4-Methylphenol	4700	U
930-55-2	N-Nitrosopyrrolidine	4700	U
59-89-2	N-Nitrosomorpholine	4700	U
98-86-2	Acetophenone	4700	U
621-64-7	N-Nitroso-Di-n-Propylamine	4700	U
636-21-5	o-Toluidine hydrochloride	4700	U
67-72-1	Hexachloroethane	4700	U
98-95-3	Nitrobenzene	4700	U
100-75-4	N-Nitrosopiperidine	4700	U
78-59-1	Isophorone	4700	U
88-75-5	2-Nitrophenol	4700	U
105-67-9	2,4-Dimethylphenol	4700	U

(1) - Cannot be separated from Diphenylamine

108-70-3-----	1,3,5-Trichlorobenzene	580	J
98-87-3-----	Benzal chloride	4700	U
65-85-0-----	Benzoic Acid	47000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	4700	U
120-83-2-----	2,4-Dichlorophenol	4700	U
120-82-1-----	1,2,4-Trichlorobenzene	1200	J
91-20-3-----	Naphthalene	47000	
106-47-8-----	4-Chloroaniline	4700	U
87-65-0-----	2,6-Dichlorophenol	9500	U
95-54-5-----	o-Phenylenediamine	4700	U
122-09-8-----	dimethylphenylethylamine	4700	U
1888-71-7-----	Hexachloropropene	4700	U
87-68-3-----	Hexachlorobutadiene	4700	U
87-61-6-----	1,2,3-Trichlorobenzene	4700	U
98-07-7-----	Benzotrichloride	9500	U
924-16-3-----	N-Nitroso-di-n-butylamine	4700	U
59-50-7-----	4-Chloro-3-Methylphenol	4700	U
106-50-3-----	p-Phenylenediamine	4700	U
94-59-7-----	Safrole	4700	U
106-50-3-----	m-Phenylenediamine	4700	U
91-57-6-----	2-Methylnaphthalene	30000	
90-12-0-----	1-Methylnaphthalene	68000	
95-94-3-----	1,2,4,5-Tetrachlorobenzene	4700	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	4700	U
77-47-4-----	Hexachlorocyclopentadiene	4700	U
88-06-2-----	2,4,6-Trichlorophenol	9500	U
95-95-4-----	2,4,5-Trichlorophenol	9500	U
120-58-1-----	Isosafrole	9500	U
91-58-7-----	2-Chloronaphthalene	4700	U
90-13-1-----	1-Chloronaphthalene	4700	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	4700	U
88-74-4-----	2-Nitroaniline	4700	U
130-15-4-----	1,4-Naphthoquinone	9500	U
100-25-4-----	1,4-Dinitrobenzene	9500	U
131-11-3-----	Dimethyl Phthalate	4700	U
208-96-8-----	Acenaphthylene	2900	J

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P202B0608RE

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 393509

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GJD93509C22

Level: (low/med) LOW Date Received: 01/16/91

% Moisture: not dec. 31 dec. \_\_\_\_\_ Date Extracted: 01/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG      Q

99-09-2-----3-Nitroaniline	9500	U
83-32-9-----Acenaphthene	29000	
51-28-5-----2,4-Dinitrophenol	19000	U
100-02-7-----4-Nitrophenol	4700	U
132-64-9-----Dibenzofuran	4700	U
121-14-2-----2,4-Dinitrotoluene	4700	U
608-93-5-----Pentachlorobenzene	4700	U
134-32-7-----2-Naphthylamine	9500	U
606-20-2-----2,6-Dinitrotoluene	4700	U
134-32-7-----1-Naphthylamine	9500	U
58-90-2-----2,3,4,6-Tetrachlorophenol	9500	U
84-66-2-----Diethylphthalate	4700	U
297-97-2-----Zinophos	4700	U
7005-72-3-----4-Chlorophenyl-phenylether	4700	U
86-73-7-----Fluorene	18000	
100-01-6-----4-Nitroaniline	9500	U
99-55-8-----5-Nitro-o-toluidine	9500	U
534-52-1-----4,6-Dinitro-2-Methylphenol	14000	U
86-30-6-----N-Nitrosodiphenylamine (1)	4700	U
122-39-4-----Diphenylamine	4700	U
99-35-4-----1,3,5-Trinitrobenzene	9500	U
122-66-7-----1,2-Diphenylhydrazine	4700	U
62-44-2-----Phenacetin	4700	U
101-55-3-----4-Bromophenyl-phenylether	4700	U
2303-16-4-----Diallate	4700	U
60-51-5-----Dimethoate	4700	U
118-74-1-----Hexachlorobenzene	4700	U
92-67-1-----4-Aminobiphenyl	4700	U
23950-58-5-----Pronamide	4700	U
87-86-5-----Pentachlorophenol	9500	U
82-68-8-----Pentachloronitrobenzene	4700	U
85-01-8-----Phenanthrene	58000	
120-12-7-----Anthracene	14000	
84-74-2-----Di-n-Butylphthalate	4700	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	9500	U
50-18-0-----Cyclophosphamide	23000	U
206-44-0-----Fluoranthene	24000	
92-87-5-----Benzidine	4700	U
129-00-0-----Pyrene	19000	
60-11-7-----p-Dimethylaminoazobenzene	4700	U
510-15-6-----Chlorobenzilate	4700	U
119-93-7-----3,3'-Dimethylbenzidine	9500	U
85-68-7-----Butylbenzylphthalate	4700	U
53-96-3-----2-Acetylaminofluorene	4700	U
101-14-4-----Methylene-bis(2-chloroaniline)	4700	U
91-94-1-----3,3'-Dichlorobenzidine	4700	U
106-51-4-----3,3'-Dimethoxybenzidine	4700	U
56-55-3-----Benzo(a)Anthracene	12000	
218-01-9-----Chrysene	9300	
117-81-7-----bis(2-Ethylhexyl) Phthalate	4700	U
117-84-0-----Di-n-Octyl Phthalate	4700	U
205-99-2-----Benzo(b)Fluoranthene	11000	X
57-97-6-----7,12-Dimethylbenzanthracene	4700	U
207-08-9-----Benzo(k)Fluoranthene	11000	X
50-32-8-----Benzo(a)Pyrene	8700	
56-49-5-----3-Methylcholanthrene	4700	U
224-42-0-----Dibenzo(a,j)acridine	4700	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	4700	U
53-70-3-----Dibenz(a,h)Anthracene	4700	U
191-24-2-----Benzo(g,h,i)Perylene	4700	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

CCN

393509

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P202B0608RE

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 17  
 Matrix: (soil/water) SOIL Lab Sample ID: 393509  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GJD93509C22  
 Level: (low/med) LOW Date Received: 01/16/91  
 % Moisture: not dec. 31 dec. \_\_\_\_\_ Date Extracted: 01/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN CYCLOHEXYLHYDROCARBO	6.50	160000	J
2.	UNKNOWN	6.68	190000	J
3.	UNKNOWN HYDROCARBON	6.83	110000	J
4.	UNKNOWN	7.03	180000	J
5.	UNKNOWN HYDROCARBON	7.38	160000	J
6.	UNKNOWN ALKYL CYCLOHEXANE	7.57	160000	J
7.	UNKNOWN HYDROCARBON	7.73	110000	J
8.	UNKNOWN HYDROCARBON	8.20	130000	J
9.	UNKNOWN HYDROCARBON	9.62	110000	J
10.	UNKNOWN	9.80	86000	J
11.	ETHYLNAPHTHALENE	9.99	96000	J
12.	DIMETHYLNAPHTHALENE	10.20	96000	J
13.	UNKNOWN	10.29	270000	J
14.	UNKNOWN	10.50	91000	J
15.	UNKNOWN	10.57	120000	J
16.	UNKNOWN	11.34	190000	J
17.	UNKNOWN HYDROCARBON	11.70	110000	J
18.	UNKNOWN HYDROCARBON	12.10	220000	J
19.	UNKNOWN	15.50	150000	J
20.	UNKNOWN	15.80	190000	J

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P203B1416

Lab Name: COMPUCHEM RTP Contract: 500077

Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 394589

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH094589C04

Level: (low/med) LOW Date Received: 01/22/91

% Moisture: not dec. 31 dec. \_\_\_\_\_ Date Extracted: 01/23/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/24/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-2-----3-Nitroaniline	960	U
83-32-9-----Acenaphthene	140	J✓
51-28-5-----2,4-Dinitrophenol	1900	U
100-02-7-----4-Nitrophenol	480	U
132-64-9-----Dibenzofuran	480	U
121-14-2-----2,4-Dinitrotoluene	480	U
608-93-5-----Pentachlorobenzene	480	U
134-32-7-----2-Naphthylamine	960	U
606-20-2-----2,6-Dinitrotoluene	480	U
134-32-7-----1-Naphthylamine	960	U
58-90-2-----2,3,4,6-Tetrachlorophenol	960	U
84-66-2-----Diethylphthalate	480	U
297-97-2-----Zinophos	480	U
7005-72-3-----4-Chlorophenyl-phenylether	480	U
86-73-7-----Fluorene	480	U
100-01-6-----4-Nitroaniline	960	U
99-55-8-----5-Nitro-o-toluidine	960	U
534-52-1-----4,6-Dinitro-2-Methylphenol	1400	U
86-30-6-----N-Nitrosodiphenylamine (1)	480	U
122-39-4-----Diphenylamine	480	U
99-35-4-----1,3,5-Trinitrobenzene	960	U
122-66-7-----1,2-Diphenylhydrazine	480	U
62-44-2-----Phenacetin	480	U
101-55-3-----4-Bromophenyl-phenylether	480	U
2303-16-4-----Diallate	480	U
60-51-5-----Dimethoate	480	U
118-74-1-----Hexachlorobenzene	480	U
92-67-1-----4-Aminobiphenyl	480	U
23950-58-5-----Pronamide	480	U
87-86-5-----Pentachlorophenol	960	U
82-68-8-----Pentachloronitrobenzene	480	U
85-01-8-----Phenanthrene	480	U
120-12-7-----Anthracene	480	U
84-74-2-----Di-n-Butylphthalate	480	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	480	U
98-87-3-----	Benzal chloride	480	U
65-85-0-----	Benzoic Acid	4800	U
111-91-1-----	bis(2-Chloroethoxy)Methane	480	U
120-83-2-----	2,4-Dichlorophenol	480	U
120-82-1-----	1,2,4-Trichlorobenzene	480	U
91-20-3-----	Naphthalene	480	U
106-47-8-----	4-Chloroaniline	480	U
87-65-0-----	2,6-Dichlorophenol	960	U
95-54-5-----	o-Phenylenediamine	480	U
122-09-8-----	dimethylphenylethylamine	480	U
1888-71-7-----	Hexachloropropene	480	U
87-68-3-----	Hexachlorobutadiene	480	U
87-61-6-----	1,2,3-Trichlorobenzene	480	U
98-07-7-----	Benzotrichloride	960	U
924-16-3-----	N-Nitroso-di-n-butylamine	480	U
59-50-7-----	4-Chloro-3-Methylphenol	480	U
106-50-3-----	p-Phenylenediamine	480	U
94-59-7-----	Safrole	480	U
106-50-3-----	m-Phenylenediamine	480	U
91-57-6-----	2-Methylnaphthalene	480	U
90-12-0-----	1-Methylnaphthalene	480	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	480	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	480	U
77-47-4-----	Hexachlorocyclopentadiene	480	U
88-06-2-----	2,4,6-Trichlorophenol	960	U
95-95-4-----	2,4,5-Trichlorophenol	960	U
120-58-1-----	Isosafrole	960	U
91-58-7-----	2-Chloronaphthalene	480	U
90-13-1-----	1-Chloronaphthalene	480	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	480	U
88-74-4-----	2-Nitroaniline	480	U
130-15-4-----	1,4-Naphthoquinone	960	U
100-25-4-----	1,4-Dinitrobenzene	960	U
131-11-3-----	Dimethyl Phthalate	480	U
208-96-8-----	Acenaphthylene	480	U





91-80-5-----Methapyrilene	960	U
50-18-0-----Cyclophosphamide	2300	U
206-44-0-----Fluoranthene	480	U
92-87-5-----Benzidine	480	U
129-00-0-----Pyrene	480	U
60-11-7-----p-Dimethylaminoazobenzene	480	U
510-15-6-----Chlorobenzilate	480	U
119-93-7-----3,3'-Dimethylbenzidine	960	U
85-68-7-----Butylbenzylphthalate	480	U
53-96-3-----2-Acetylaminofluorene	480	U
101-14-4-----Methylene-bis(2-chloroaniline	480	U
91-94-1-----3,3'-Dichlorobenzidine	480	U
106-51-4-----3,3'-Dimethoxybenzidine	480	U
56-55-3-----Benzo(a)Anthracene	480	U
218-01-9-----Chrysene	480	U
117-81-7-----bis(2-Ethylhexyl)Phthalate	480	U
117-84-0-----Di-n-Octyl Phthalate	480	U
205-99-2-----Benzo(b)Fluoranthene	480	U
57-97-6-----7,12-Dimethylbenzanthracene	480	U
207-08-9-----Benzo(k)Fluoranthene	480	U
50-32-8-----Benzo(a)Pyrene	480	U
56-49-5-----3-Methylcholanthrene	480	U
224-42-0-----Dibenzo(a,j)acridine	480	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	480	U
53-70-3-----Dibenz(a,h)Anthracene	480	U
191-24-2-----Benzo(g,h,i)Perylene	480	U

(1) - Cannot be separated from Diphenylamine

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P203B1416

Lab Name: COMPUCHEM RTP Contract: 500077

Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 394589

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH094589C04

Level: (low/med) LOW Date Received: 01/22/91

% Moisture: not dec. 31 dec. \_\_\_\_\_ Date Extracted: 01/23/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/24/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

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

Number TICs found: 17

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SOLVENT CONTAMINANT	3.58	1500	BJ
2.	ALDOL	4.33	680	ABJ
3.	ALDOL	5.05	8700	ABJ
4.	SOLVENT CONTAMINANT	5.27	1100	BJ
5.	SOLVENT CONTAMINANT	5.38	820	BJ
6.	UNKNOWN	6.45	1900	J
7.	ALDOL	6.62	1700	ABJ
8.	ALDOL	6.80	480	AJ
9.	ALDOL	7.27	870	AJ
10.	UNKNOWN	7.98	240	J
11.	UNKNOWN	8.18	1200	J
12.	UNKNOWN HYDROCARBON	19.97	190	J
13.	UNKNOWN HYDROCARBON	21.24	720	J
14.	UNKNOWN	22.50	1200	J
15.	UNKNOWN	23.45	340	J
16.	UNKNOWN	24.12	920	J
17.	UNKNOWN	26.41	480	J

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P204B0810

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 393076  
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: GH093076B04  
 Level: (low/med) LOW Date Received: 01/12/91  
 ‡ Moisture: not dec. 25 dec. \_\_\_\_\_ Date Extracted: 01/14/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	440	U
110-86-1	Pyridine	440	U
97-63-2	Ethyl methacrylate	440	U
123-63-7	Paraldehyde	440	U
109-06-8	2-Picoline	880	U
10595-95-6	Nitrosomethylethylamine	440	U
66-27-3	Methyl methanesulfonate	440	U
108-95-2	Phenol	440	U
55-18-5	N-Nitrosodiethylamine	440	U
62-50-5	Ethyl methanesulfonate	440	U
62-53-3	Aniline	440	U
76-01-7	Pentachloroethane	440	U
111-44-4	bis(2-Chloroethyl) Ether	880	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
100-44-7	Benzyl chloride	440	U
106-46-7	1,4-Dichlorobenzene	440	U
100-51-6	Benzyl Alcohol	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
39638-32-9	bis(2-Chloroisopropyl) Ether	440	U
108-39-4	3-Methylphenol	440	U
106-44-5	4-Methylphenol	440	U
930-55-2	N-Nitrosopyrrolidine	440	U
59-89-2	N-Nitrosomorpholine	440	U
98-86-2	Acetophenone	440	U
621-64-7	N-Nitroso-Di-n-Propylamine	440	U
636-21-5	o-Toluidine hydrochloride	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
100-75-4	N-Nitrosopiperidine	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U

FORM I SV-1

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	440	U
98-87-3-----Benzal chloride	440	U
65-85-0-----Benzoic Acid	4400	U
111-91-1-----bis(2-Chloroethoxy)Methane	440	U
120-83-2-----2,4-Dichlorophenol	440	U
120-82-1-----1,2,4-Trichlorobenzene	440	U
91-20-3-----Naphthalene	440	U
106-47-8-----4-Chloroaniline	440	U
87-65-0-----2,6-Dichlorophenol	880	U
95-54-5-----o-Phenylenediamine	440	U
122-09-8-----dimethylphenylethylamine	440	U
1888-71-7-----Hexachloropropene	440	U
87-68-3-----Hexachlorobutadiene	440	U
87-61-6-----1,2,3-Trichlorobenzene	440	U
98-07-7-----Benzotrichloride	880	U
924-16-3-----N-Nitroso-di-n-butylamine	440	U
59-50-7-----4-Chloro-3-Methylphenol	440	U
106-50-3-----P-Phenylenediamine	440	U
94-59-7-----Safrole	440	U
106-50-3-----m-Phenylenediamine	440	U
91-57-6-----2-Methylnaphthalene	440	U
90-12-0-----1-Methylnaphthalene	440	U
95-94-3-----1,2,4,5-Tetrachlorobenzene	440	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	440	U
77-47-4-----Hexachlorocyclopentadiene	440	U
88-06-2-----2,4,6-Trichlorophenol	880	U
95-95-4-----2,4,5-Trichlorophenol	880	U
120-58-1-----Isosafrole	880	U
91-58-7-----2-Chloronaphthalene	440	U
90-13-1-----1-Chloronaphthalene	440	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	440	U
88-74-4-----2-Nitroaniline	440	U
130-15-4-----1,4-Naphthoquinone	880	U
100-25-4-----1,4-Dinitrobenzene	880	U
131-11-3-----Dimethyl Phthalate	440	U
208-96-0-----Acenaphthylene	440	U

FORM I SV-1

1/87 Rev.

P204B0810

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P204B0810

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 393076  
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: GH093076B04  
 Level: (low/med) LOW Date Received: 01/12/91  
 % Moisture: not dec. 25 dec. \_\_\_\_\_ Date Extracted: 01/14/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	880	U
83-32-9	Acenaphthene	440	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	440	U
132-64-9	Dibenzofuran	440	U
121-14-2	2,4-Dinitrotoluene	440	U
608-93-5	Pentachlorobenzene	440	U
134-32-7	2-Naphthylamine	880	U
606-20-2	2,6-Dinitrotoluene	440	U
134-32-7	1-Naphthylamine	880	U
58-90-2	2,3,4,6-Tetrachlorophenol	880	U
84-66-2	Diethylphthalate	440	U
297-97-2	Zinophos	440	U
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	880	U
99-55-8	5-Nitro-o-toluidine	880	U
534-52-1	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
122-39-4	Diphenylamine	440	U
99-35-4	1,3,5-Trinitrobenzene	880	U
122-66-7	1,2-Diphenylhydrazine	440	U
62-44-2	Phenacetin	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
2303-16-4	Diallate	440	U
60-51-5	Dimethoate	440	U
118-74-1	Hexachlorobenzene	440	U
92-67-1	4-Aminobiphenyl	440	U
23950-58-5	Pronamide	440	U
87-86-5	Pentachlorophenol	880	U
82-68-8	Pentachloronitrobenzene	440	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
84-74-2	Di-n-Butylphthalate	440	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	880	U
50-18-0-----	Cyclophosphamide	2100	U
206-44-0-----	Fluoranthene	440	U
92-87-5-----	Benzidine	440	U
129-00-0-----	Pyrene	440	U
140-57-8-----	Aramite	880	U
60-11-7-----	p-Dimethylaminoazobenzene	440	U
510-15-6-----	Chlorobenzilate	440	U
119-93-7-----	3,3'-Dimethylbenzidine	880	U
85-68-7-----	Butylbenzylphthalate	440	U
53-96-3-----	2-Acetylaminofluorene	440	U
101-14-4-----	Methylene-bis(2-chloroaniline	440	U
91-94-1-----	3,3'-Dichlorobenzidine	440	U
106-51-4-----	3,3'-Dimethoxybenzidine	440	U
56-55-3-----	Benzo(a)Anthracene	440	U
218-01-9-----	Chrysene	440	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	440	U
117-84-0-----	Di-n-Octyl Phthalate	440	U
205-99-2-----	Benzo(b)Fluoranthene	440	U
57-97-6-----	7,12-Dimethylbenzanthracene	440	U
207-08-9-----	Benzo(k)Fluoranthene	440	U
50-32-8-----	Benzo(a)Pyrene	440	U
56-49-5-----	3-Methylcholanthrene	440	U
224-42-0-----	Dibenzo(a,j)acridine	440	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	440	U
53-70-3-----	Dibenz(a,h)Anthracene	440	U
191-24-2-----	Benzo(g,h,i)Perylene	440	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

P20480810

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P204B0810

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 393076  
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: GH093076B04  
 Level: (low/med) LOW Date Received: 01/12/91  
 % Moisture: not dec. 25 dec. \_\_\_\_\_ Date Extracted: 01/14/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

Number TICs found: 12 CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	2.63	350	J
2.	SOLVENT CONTAMINANT	2.73	4400	BJ
3.	SOLVENT CONTAMINANT	3.00	970	BJ
4.	SOLVENT CONTAMINANT	3.12	750	BJ
5.	VOA TCL	4.03	180	J
6.	UNKNOWN	4.22	530	J
7.	ALDOL	4.40	270	AJ
8.	ALDOL	5.08	130	AJ
9.	UNKNOWN	5.95	750	J
10.	UNKNOWN	20.80	220	J
11.	UNKNOWN	21.00	310	J
12.	UNKNOWN HYDROCARBON	21.19	350	J

1X  
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

P205B1820

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: 394279

Sample wt/vol: 30.2 (g/mL) G Lab File ID: G2D94279B22

Level: (low/med) LOW Date Received: 01/19/91

Moisture: 23 decanted: (Y/N) N Date Extracted: 01/21/91

Concentrated Extract Volume: 1000 950 (ul) Date Analyzed: 01/22/91  
*→ 2.4 ml*

Injection Volume: 1.0 (ul) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

62-75-9-----N-Nitrosodimethylamine_____	4300	U
110-86-1-----Pyridine_____	4300	U
97-63-2-----Ethyl methacrylate_____	4300	U
123-63-7-----Paraldehyde_____	4300	U
109-06-8-----2-Picoline_____	8500	U
10595-95-6-----Nitrosomethylethylamine_____	4300	U
66-27-3-----Methyl methanesulfonate_____	4300	U
108-95-2-----Phenol_____	4300	U
55-18-5-----N-Nitrosodiethylamine_____	4300	U
62-50-5-----Ethyl methanesulfonate_____	4300	U
62-53-3-----Aniline_____	4300	U
76-01-7-----Pentachloroethane_____	4300	U
111-44-4-----bis(2-Chloroethyl)Ether_____	8500	U
95-57-8-----2-Chlorophenol_____	4300	U
541-73-1-----1,3-Dichlorobenzene_____	4300	U
100-44-7-----Benzyl chloride_____	4300	U
106-46-7-----1,4-Dichlorobenzene_____	4300	U
100-51-6-----Benzyl Alcohol_____	4300	U
95-50-1-----1,2-Dichlorobenzene_____	4300	U
95-48-7-----2-Methylphenol_____	4300	U
39638-32-9-----bis(2-Chloroisopropyl)Ether_____	4300	U
108-39-4-----3-Methylphenol_____	4300	U
106-44-5-----4-Methylphenol_____	4300	U
930-55-2-----N-Nitrosopyrrolidine_____	4300	U
59-89-2-----N-Nitrosomorpholine_____	4300	U
98-86-2-----Acetophenone_____	4300	U
621-64-7-----N-Nitroso-Di-n-Propylamine_____	4300	U
636-21-5-----o-Toluidine hydrochloride_____	4300	U
67-72-1-----Hexachloroethane_____	4300	U
98-95-3-----Nitrobenzene_____	4300	U
100-75-4-----N-Nitrosopiperidine_____	4300	U
78-59-1-----Isophorone_____	4300	U
88-75-5-----2-Nitrophenol_____	4300	U



105-67-9-----	2,4-Dimethylphenol	4300	U
108-70-3-----	1,3,5-Trichlorobenzene	4300	U
98-87-3-----	Benzal chloride	4300	U
65-85-0-----	Benzoic Acid	43000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	4300	U
120-83-2-----	2,4-Dichlorophenol	4300	U
120-82-1-----	1,2,4-Trichlorobenzene	4300	U
91-20-3-----	Naphthalene	4300	U
106-47-8-----	4-Chloroaniline	4300	U
87-65-0-----	2,6-Dichlorophenol	8500	U
95-54-5-----	o-Phenylenediamine	4300	U
122-09-8-----	dimethylphenylethylamine	4300	U
1888-71-7-----	Hexachloropropene	4300	U
87-68-3-----	Hexachlorobutadiene	4300	U
87-61-6-----	1,2,3-Trichlorobenzene	4300	U
98-07-7-----	Benzotrichloride	8500	U
924-16-3-----	N-Nitroso-di-n-butylamine	4300	U
59-50-7-----	4-Chloro-3-Methylphenol	4300	U
106-50-3-----	P-Phenylenediamine	4300	U
94-59-7-----	Safrole	4300	U
105-50-3-----	m-Phenylenediamine	4300	U
91-57-6-----	2-Methylnaphthalene	1000	J
90-12-0-----	1-Methylnaphthalene	2200	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	4300	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	4300	U
77-47-4-----	Hexachlorocyclopentadiene	4300	U
88-06-2-----	2,4,6-Trichlorophenol	8500	U
95-95-4-----	2,4,5-Trichlorophenol	8500	U
120-58-1-----	Isosafrole	8500	U
91-58-7-----	2-Chloronaphthalene	4300	U
90-13-1-----	1-Chloronaphthalene	4300	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	4300	U
88-74-4-----	2-Nitroaniline	4300	U
130-15-4-----	1,4-Naphthoquinone	8500	U
100-25-4-----	1,4-Dinitrobenzene	8500	U
131-11-3-----	Dimethyl Phthalate	4300	U
208-96-8-----	Acenaphthylene	4300	U
99-09-2-----	3-Nitroaniline	8500	U
83-32-9-----	Acenaphthene	4300	U
51-28-5-----	2,4-Dinitrophenol	17000	U
100-02-7-----	4-Nitrophenol	4300	U
132-64-9-----	Dibenzofuran	4300	U
121-14-2-----	2,4-Dinitrotoluene	4300	U
608-93-5-----	Pentachlorobenzene	4300	U
134-32-7-----	2-Naphthylamine	8500	U
606-20-2-----	2,6-Dinitrotoluene	4300	U
134-32-7-----	1-Naphthylamine	8500	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	8500	U
84-66-2-----	Diethylphthalate	4300	U
297-97-2-----	Zinophos	4300	U
7005-72-3-----	4-Chlorophenyl-phenylether	4300	U
86-73-7-----	Fluorene	990	J
100-01-6-----	4-Nitroaniline	8500	U
99-55-8-----	5-Nitro-o-toluidine	8500	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	13000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	4300	U
122-39-4-----	Diphenylamine	4300	U
99-35-4-----	1,3,5-Trinitrobenzene	8500	U

CC # 394279

FORM I X-2

3/90

122-66-7-----1,2-Diphenylhydrazine	4300	U
62-44-2-----Phenacetin	4300	U
101-55-3-----4-Bromophenyl-phenylether	4300	U
2303-16-4-----Diallate	4300	U
60-51-5-----Dimethoate	4300	U
118-74-1-----Hexachlorobenzene	4300	U
92-67-1-----4-Aminobiphenyl	4300	U
23950-58-5-----Pronamide	4300	U
87-86-5-----Pentachlorophenol	8500	U
82-68-8-----Pentachloronitrobenzene	4300	U
85-01-8-----Phenanthrene	2300	J✓
120-12-7-----Anthracene	1200	J
84-74-2-----Di-n-Butylphthalate	4300	U
91-80-5-----Methapyrilene	8500	U
50-18-0-----Cyclophosphamide	21000	U
206-44-0-----Fluoranthene	940	J✓
92-87-5-----Benzidine	4300	U
129-00-0-----Pyrene	2100	J✓
140-57-8-----Aramite	8500	U
60-11-7-----p-Dimethylaminoazobenzene	4300	U
510-15-6-----Chlorobenzilate	4300	U
119-93-7-----3,3'-Dimethylbenzidine	8500	U
85-68-7-----Butylbenzylphthalate	4300	U
53-96-3-----2-Acetylaminofluorene	4300	U
101-14-4-----Methylene-bis(2-chloroaniline)	4300	U
91-94-1-----3,3'-Dichlorobenzidine	4300	U
106-51-4-----3,3'-Dimethoxybenzidine	4300	U
56-55-3-----Benzo(a) Anthracene	690	J
218-01-9-----Chrysene	770	J✓
117-81-7-----bis(2-Ethylhexyl) Phthalate	4300	U
117-84-0-----Di-n-Octyl Phthalate	4300	U
205-99-2-----Benzo(b) Fluoranthene	1100	J
57-97-6-----7,12-Dimethylbenzanthracene	4300	U
207-08-9-----Benzo(k) Fluoranthene	1100	J
50-32-8-----Benzo(a) Pyrene	700	J
56-49-5-----3-Methylcholanthrene	4300	U
224-42-0-----Dibenzo(a, j) acridine	4300	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	4300	U
53-70-3-----Dibenz(a, h) Anthracene	4300	U
191-24-2-----Benzo(g, h, i) Perylene	4300	U

CC# 394279

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P206B1416

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 392666  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2D92666B04  
 Level: (low/med) LOW Date Received: 01/11/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 01/14/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	N-Nitrosodimethylamine	1500	U
110-86-1	Pyridine	1500	U
97-63-2	Ethyl methacrylate	1500	U
123-63-7	Paraldehyde	1500	U
109-06-8	2-Picoline	3000	U
10595-95-6	Nitrosomethylethylamine	1500	U
66-27-3	Methyl methanesulfonate	1500	U
108-95-2	Phenol	1500	U
55-18-5	N-Nitrosodiethylamine	1500	U
62-50-5	Ethyl methanesulfonate	1500	U
62-53-3	Aniline	1500	U
76-01-7	Pentachloroethane	1500	U
111-44-4	bis(2-Chloroethyl) Ether	3000	U
95-57-8	2-Chlorophenol	1500	U
541-73-1	1,3-Dichlorobenzene	650	J/
100-44-7	Benzyl chloride	1500	U
106-46-7	1,4-Dichlorobenzene	830	J/
100-51-6	Benzyl Alcohol	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
95-48-7	2-Methylphenol	1500	U
39638-32-9	bis(2-Chloroisopropyl) Ether	1500	U
108-39-4	3-Methylphenol	1500	U
106-44-5	4-Methylphenol	1500	U
930-55-2	N-Nitrosopyrrolidine	1500	U
59-89-2	N-Nitrosomorpholine	1500	U
98-86-2	Acetophenone	1500	U
621-64-7	N-Nitroso-Di-n-Propylamine	1500	U
636-21-5	o-Toluidine hydrochloride	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
100-75-4	N-Nitrosopiperidine	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	1500	U
98-87-3-----	Benzal chloride	1500	U
65-85-0-----	Benzoic Acid	15000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	1500	U
120-83-2-----	2,4-Dichlorophenol	1500	U
120-82-1-----	1,2,4-Trichlorobenzene	1500	U
91-20-3-----	Naphthalene	3400	.
106-47-8-----	4-Chloroaniline	1500	U
87-65-0-----	2,6-Dichlorophenol	3000	U
95-54-5-----	o-Phenylenediamine	1500	U
122-09-8-----	dimethylphenylethylamine	1500	U
1888-71-7-----	Hexachloropropene	1500	U
87-68-3-----	Hexachlorobutadiene	1500	U
87-61-6-----	1,2,3-Trichlorobenzene	1500	U
98-07-7-----	Benzotrichloride	3000	U
924-16-3-----	N-Nitroso-di-n-butylamine	1500	U
59-50-7-----	4-Chloro-3-Methylphenol	1500	U
106-50-3-----	P-Phenylenediamine	1500	U
94-59-7-----	Safrole	1500	U
106-50-3-----	m-Phenylenediamine	1500	U
91-57-6-----	2-Methylnaphthalene	6300	✓
90-12-0-----	1-Methylnaphthalene	1500	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	1500	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	1500	U
77-47-4-----	Hexachlorocyclopentadiene	1500	U
88-06-2-----	2,4,6-Trichlorophenol	3000	U
95-95-4-----	2,4,5-Trichlorophenol	3000	U
120-58-1-----	Isosafrole	3000	U
91-58-7-----	2-Chloronaphthalene	1500	U
90-13-1-----	1-Chloronaphthalene	1500	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	1500	U
88-74-4-----	2-Nitroaniline	1500	U
130-15-4-----	1,4-Naphthoquinone	3000	U
100-25-4-----	1,4-Dinitrobenzene	3000	U
131-11-3-----	Dimethyl Phthalate	1500	U
208-96-8-----	Acenaphthylene	540	J

FORM I SV-1

1/87 Rev.

P206B1416

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P206B1416

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 392666  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2D92666B04  
 Level: (low/med) LOW Date Received: 01/11/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 01/14/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3000	U
83-32-9	Acenaphthene	8300	/
51-28-5	2,4-Dinitrophenol	5900	U
100-02-7	4-Nitrophenol	1500	U
132-64-9	Dibenzofuran	700	J
121-14-2	2,4-Dinitrotoluene	1500	U
608-93-5	Pentachlorobenzene	1500	U
134-32-7	2-Naphthylamine	3000	U
606-20-2	2,6-Dinitrotoluene	1500	U
134-32-7	1-Naphthylamine	3000	U
58-90-2	2,3,4,6-Tetrachlorophenol	3000	U
84-66-2	Diethylphthalate	1500	U
297-97-2	Zinophos	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
86-73-7	Fluorene	4700	/
100-01-6	4-Nitroaniline	3000	U
99-55-8	5-Nitro-o-toluidine	3000	U
534-52-1	4,6-Dinitro-2-Methylphenol	4500	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
122-39-4	Diphenylamine	1500	U
99-35-4	1,3,5-Trinitrobenzene	3000	U
122-66-7	1,2-Diphenylhydrazine	1500	U
62-44-2	Phenacetin	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
2303-16-4	Diallate	1500	U
60-51-5	Dimethoate	1500	U
118-74-1	Hexachlorobenzene	1500	U
92-67-1	4-Aminobiphenyl	1500	U
23950-58-5	Pronamide	1500	U
87-86-5	Pentachlorophenol	3000	U
82-68-8	Pentachloronitrobenzene	1500	U
85-01-8	Phenanthrene	8300	/
120-12-7	Anthracene	2700	/
84-74-2	Di-n-Butylphthalate	1500	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

91-80-5-----	Methapyrilene	3000	U
50-18-0-----	Cyclophosphamide	7300	U
206-44-0-----	Fluoranthene	3700	.
92-87-5-----	Benzidine	1500	U
129-00-0-----	Pyrene	5200	
140-57-8-----	Aramite	3000	U
60-11-7-----	p-Dimethylaminoazobenzene	1500	U
510-15-6-----	Chlorobenzilate	1500	U
119-93-7-----	3,3'-Dimethylbenzidine	3000	U
85-68-7-----	Butylbenzylphthalate	1500	U
53-96-3-----	2-Acetylaminofluorene	1500	U
101-14-4-----	Methylene-bis(2-chloroaniline	1500	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
106-51-4-----	3,3'-Dimethoxybenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	2000	/
218-01-9-----	Chrysene	1800	/
117-81-7-----	bis(2-Ethylhexyl)Phthalate	900	J/
117-84-0-----	Di-n-Octyl Phthalate	1500	U
205-99-2-----	Benzo(b)Fluoranthene	1500	X/
57-97-6-----	7,12-Dimethylbenzanthracene	1500	U
207-08-9-----	Benzo(k)Fluoranthene	1500	X
50-32-8-----	Benzo(a)Pyrene	1300	J/
56-49-5-----	3-Methylcholanthrene	1500	U
224-42-0-----	Dibenzo(a,j)acridine	1500	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	550	J/
53-70-3-----	Dibenz(a,h)Anthracene	190	J/
191-24-2-----	Benzo(g,h,i)Perylene	570	J/

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

P206 B1416

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P206B1416

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 392666  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2D92666B04  
 Level: (low/med) LOW Date Received: 01/11/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 01/14/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 4.0

Number TICs found: 20 CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.90	7900	J
2.	UNKNOWN	11.72	12000	J
3.	UNKNOWN HYDROCARBON	12.60	10000	J
4.	UNKNOWN HYDROCARBON	13.12	29000	J
5.	UNKNOWN	13.65	7900	J
6.	UNKNOWN	13.75	13000	J
7.	UNKNOWN	14.02	15000	J
8.	UNKNOWN	14.34	11000	J
9.	UNKNOWN	14.64	20000	J
10.	UNKNOWN HYDROCARBON	14.72	24000	J
11.	UNKNOWN	15.40	12000	J
12.	UNKNOWN	15.80	13000	J
13.	UNKNOWN	16.07	10000	J
14.	10544-50-0 SULFUR, MOL. (S8)	16.22	39000	J
15.	UNKNOWN HYDROCARBON	16.55	11000	J
16.	UNKNOWN HYDROCARBON	16.82	8900	J
17.	UNKNOWN HYDROCARBON	17.29	15000	J
18.	PCB	17.40	8300	J
19.	PCB	17.79	15000	J
20.	PCB	18.17	11000	J

FORM I SV-TIC

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	1800	U
98-87-3-----	Benzal chloride	1800	U
65-85-0-----	Benzoic Acid	18000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	1800	U
120-83-2-----	2,4-Dichlorophenol	1800	U
120-82-1-----	1,2,4-Trichlorobenzene	1800	U
91-20-3-----	Naphthalene	28000	/
106-47-8-----	4-Chloroaniline	1800	U
87-65-0-----	2,6-Dichlorophenol	3500	U
95-54-5-----	o-Phenylenediamine	1800	U
122-09-8-----	dimethylphenylethylamine	1800	U
1888-71-7-----	Hexachloropropene	1800	U
87-68-3-----	Hexachlorobutadiene	1800	U
87-61-6-----	1,2,3-Trichlorobenzene	1800	U
98-07-7-----	Benzotrichloride	3500	U
924-16-3-----	N-Nitroso-di-n-butylamine	1800	U
59-50-7-----	4-Chloro-3-Methylphenol	1800	U
106-50-3-----	p-Phenylenediamine	1800	U
94-59-7-----	Safrole	1800	U
106-50-3-----	m-Phenylenediamine	1800	U
91-57-6-----	2-Methylnaphthalene	12000	/
90-12-0-----	1-Methylnaphthalene	17000	/
95-94-3-----	1,2,4,5-Tetrachlorobenzene	1800	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	1800	U
77-47-4-----	Hexachlorocyclopentadiene	1800	U
88-06-2-----	2,4,6-Trichlorophenol	3500	U
95-95-4-----	2,4,5-Trichlorophenol	3500	U
120-58-1-----	Isosafrole	3500	U
91-58-7-----	2-Chloronaphthalene	1800	U
90-13-1-----	1-Chloronaphthalene	1800	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	1800	U
88-74-4-----	2-Nitroaniline	1800	U
130-15-4-----	1,4-Naphthoquinone	3500	U
100-25-4-----	1,4-Dinitrobenzene	3500	U
131-11-3-----	Dimethyl Phthalate	1800	U
208-96-8-----	Acenaphthylene	2400	/

FORM I SV-1

1/87 Rev.

CON 393246



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P206B4244

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 15

Matrix: (soil/water) SOIL Lab Sample ID: 393246

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GD093246B22

Level: (low/med) LOW Date Received: 01/15/91

% Moisture: not dec. 8 dec. \_\_\_\_\_ Date Extracted: 01/16/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/22/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 5.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3500	U
83-32-9	Acenaphthene	12000	✓
51-28-5	2,4-Dinitrophenol	7000	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	460	J ✓
121-14-2	2,4-Dinitrotoluene	1800	U
608-93-5	Pentachlorobenzene	1800	U
134-32-7	2-Naphthylamine	3500	U
606-20-2	2,6-Dinitrotoluene	1800	U
134-32-7	1-Naphthylamine	3500	U
58-90-2	2,3,4,6-Tetrachlorophenol	3500	U
84-66-2	Diethylphthalate	1800	U
297-97-2	Zinophos	1800	U
7005-72-3	4-Chlorophenyl-phenylether	1800	U
86-73-7	Fluorene	10000	✓
100-01-6	4-Nitroaniline	3500	U
99-55-8	5-Nitro-o-toluidine	3500	U
534-52-1	4,6-Dinitro-2-Methylphenol	5300	U
86-30-6	N-Nitrosodiphenylamine (1)	1800	U
122-39-4	Diphenylamine	1800	U
99-35-4	1,3,5-Trinitrobenzene	3500	U
122-66-7	1,2-Diphenylhydrazine	1800	U
62-44-2	Phenacetin	1800	U
101-55-3	4-Bromophenyl-phenylether	1800	U
2303-16-4	Diallate	1800	U
60-51-5	Dimethoate	1800	U
118-74-1	Hexachlorobenzene	1800	U
92-67-1	4-Aminobiphenyl	1800	U
23950-58-5	Pronamide	1800	U
87-86-5	Pentachlorophenol	3500	U
82-68-8	Pentachloronitrobenzene	1800	U
85-01-8	Phenanthrene	21000	✓
120-12-7	Anthracene	5700	✓
84-74-2	Di-n-Butylphthalate	1800	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	3500	U
50-18-0-----	Cyclophosphamide	8600	U
206-44-0-----	Fluoranthene	7400	✓
92-87-5-----	Benzidine	1800	U
129-00-0-----	Pyrene	12000	✓
60-11-7-----	p-Dimethylaminoazobenzene	1800	U
510-15-6-----	Chlorobenzilate	1800	U
119-93-7-----	3,3'-Dimethylbenzidine	3500	U
85-68-7-----	Butylbenzylphthalate	1800	U
53-96-3-----	2-Acetylaminofluorene	1800	U
101-14-4-----	Methylene-bis(2-chloroaniline	1800	U
91-94-1-----	3,3'-Dichlorobenzidine	1800	U
106-51-4-----	3,3'-Dimethoxybenzidine	1800	U
56-55-3-----	Benzo(a)Anthracene	4100	✓
218-01-9-----	Chrysene	3200	✓
117-81-7-----	bis(2-Ethylhexyl) Phthalate	320	J
117-84-0-----	Di-n-Octyl Phthalate	1800	U
205-99-2-----	Benzo(b)Fluoranthene	2900	X
57-97-6-----	7,12-Dimethylbenzanthracene	1800	U
207-08-9-----	Benzo(k)Fluoranthene	2900	X
50-32-8-----	Benzo(a)Pyrene	3000	✓
56-49-5-----	3-Methylcholanthrene	1800	U
224-42-0-----	Dibenzo(a,j)acridine	1800	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	810	J
53-70-3-----	Dibenz(a,h)Anthracene	240	J
191-24-2-----	Benzo(g,h,i)Perylene	1200	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev. 793246  
CCN

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P206B4244

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 15

Matrix: (soil/water) SOIL Lab Sample ID: 393246

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GD093246B22

Level: (low/med) LOW Date Received: 01/15/91

% Moisture: not dec. 8 dec. \_\_\_\_\_ Date Extracted: 01/16/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/22/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 5.0

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 673-32-5	BENZENE, 1-PROPYNYL-	6.95	3000	J
2. 65051-83-4	BENZENE, (1-METHYL-2-CYCLOPR	8.03	3400	J
3.	UNKNOWN PAH	10.14	4100	J
4.	ETHYL NAPHTHALENE	10.29	5900	J
5.	DIMETHYL NAPHTHALENE	10.40	4300	J
6. 939-27-5	NAPHTHALENE, 2-ETHYL-	10.50	9100	J
7. 573-98-8	NAPHTHALENE, 1,2-DIMETHYL-	10.67	2900	J
8.	UNKNOWN PAH	11.49	3600	J
9.	UNKNOWN	11.65	2100	J
10. 203-80-5	1H-PHENALENE	11.72	2100	J
11.	UNKNOWN PAH	12.02	3200	J
12.	METHYL 9H FLUORENE	12.69	3000	J
13.	UNKNOWN HYDROCARBON	13.70	2100	J
14. 610-48-0	ANTHRACENE, 1-METHYL-	14.10	6100	J
15. 610-48-0	ANTHRACENE, 1-METHYL-	14.24	8600	J
16. 612-94-2	NAPHTHALENE, 2-PHENYL-	14.52	1600	J
17.	UNKNOWN HYDROCARBON	14.90	4600	J
18.	UNKNOWN PAH	15.32	1800	J
19.	11H BENZO FLUORENE	16.04	2000	J
20.	METHYL PYRENE	16.39	2000	J

FORM I SV-TIC

1/87 Rev.

22255 .15 SAMPLES DATA SUMMARY

7.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P207B0608

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08

Matrix: (soil/water) SOIL Lab Sample ID: 393786

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD093786C04

Level: (low/med) LOW Date Received: 01/17/91

% Moisture: not dec. 37 dec. \_\_\_\_\_ Date Extracted: 01/21/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	5200	U
110-86-1	Pyridine	5200	U
97-63-2	Ethyl methacrylate	5200	U
123-63-7	Paraldehyde	5200	U
109-06-8	2-Picoline	10000	U
10595-95-6	Nitrosomethylethylamine	5200	U
66-27-3	Methyl methanesulfonate	5200	U
108-95-2	Phenol	5200	U
55-18-5	N-Nitrosodiethylamine	5200	U
62-50-5	Ethyl methanesulfonate	5200	U
62-53-3	Aniline	5200	U
76-01-7	Pentachloroethane	5200	U
111-44-4	bis(2-Chloroethyl) Ether	10000	U
95-57-8	2-Chlorophenol	5200	U
541-73-1	1,3-Dichlorobenzene	1700	J ✓
100-44-7	Benzyl chloride	5200	U
106-46-7	1,4-Dichlorobenzene	7100	✓
100-51-6	Benzyl Alcohol	5200	U
95-50-1	1,2-Dichlorobenzene	5200	U
95-48-7	2-Methylphenol	5200	U
39638-32-9	bis(2-Chloroisopropyl) Ether	5200	U
108-39-4	3-Methylphenol	5200	U
106-44-5	4-Methylphenol	5200	U
930-55-2	N-Nitrosopyrrolidine	5200	U
59-89-2	N-Nitrosomorpholine	5200	U
98-86-2	Acetophenone	5200	U
621-64-7	N-Nitroso-Di-n-Propylamine	5200	U
636-21-5	o-Toluidine hydrochloride	5200	U
67-72-1	Hexachloroethane	5200	U
98-95-3	Nitrobenzene	5200	U
100-75-4	N-Nitrosopiperidine	5200	U
78-59-1	Isophorone	5200	U
88-75-5	2-Nitrophenol	5200	U
105-67-9	2,4-Dimethylphenol	5200	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	5200	U
98-87-3-----	Benzal chloride	5200	U
65-85-0-----	Benzoic Acid	52000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	5200	U
120-83-2-----	2,4-Dichlorophenol	5200	U
120-82-1-----	1,2,4-Trichlorobenzene	970	J
91-20-3-----	Naphthalene	31000	✓
106-47-8-----	4-Chloroaniline	5200	U
87-65-0-----	2,6-Dichlorophenol	10000	U
95-54-5-----	o-Phenylenediamine	5200	U
122-09-8-----	dimethylphenylethylamine	5200	U
1888-71-7-----	Hexachloropropene	5200	U
87-68-3-----	Hexachlorobutadiene	5200	U
87-61-6-----	1,2,3-Trichlorobenzene	5200	U
98-07-7-----	Benzotrichloride	10000	U
924-16-3-----	N-Nitroso-di-n-butylamine	5200	U
59-50-7-----	4-Chloro-3-Methylphenol	5200	U
106-50-3-----	P-Phenylenediamine	5200	U
94-59-7-----	Safrole	5200	U
106-50-3-----	m-Phenylenediamine	5200	U
91-57-6-----	2-Methylnaphthalene	17000	✓
90-12-0-----	1-Methylnaphthalene	51000	✓
95-94-3-----	1,2,4,5-Tetrachlorobenzene	5200	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	5200	U
77-47-4-----	Hexachlorocyclopentadiene	5200	U
88-06-2-----	2,4,6-Trichlorophenol	10000	U
95-95-4-----	2,4,5-Trichlorophenol	10000	U
120-58-1-----	Isosafrole	10000	U
91-58-7-----	2-Chloronaphthalene	5200	U
90-13-1-----	1-Chloronaphthalene	5200	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	5200	U
88-74-4-----	2-Nitroaniline	5200	U
130-15-4-----	1,4-Naphthoquinone	10000	U
100-25-4-----	1,4-Dinitrobenzene	10000	U
131-11-3-----	Dimethyl Phthalate	5200	U
208-96-8-----	Acenaphthylene	3700	J ✓

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P207B0608

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 393786  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD093786C04  
 Level: (low/med) LOW Date Received: 01/17/91  
 % Moisture: not dec. 37 dec. \_\_\_\_\_ Date Extracted: 01/21/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

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

99-09-2-----	3-Nitroaniline	10000	U
83-32-9-----	Acenaphthene	24000	/
51-28-5-----	2,4-Dinitrophenol	20000	U
100-02-7-----	4-Nitrophenol	5200	U
132-64-9-----	Dibenzofuran	5200	U
121-14-2-----	2,4-Dinitrotoluene	5200	U
608-93-5-----	Pentachlorobenzene	5200	U
134-32-7-----	2-Naphthylamine	10000	U
606-20-2-----	2,6-Dinitrotoluene	5200	U
134-32-7-----	1-Naphthylamine	10000	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	10000	U
84-66-2-----	Diethylphthalate	5200	U
297-97-2-----	Zinophos	5200	U
7005-72-3-----	4-Chlorophenyl-phenylether	5200	U
86-73-7-----	Fluorene	16000	.
100-01-6-----	4-Nitroaniline	10000	U
99-55-8-----	5-Nitro-o-toluidine	10000	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	16000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	5200	U
122-39-4-----	Diphenylamine	5200	U
99-35-4-----	1,3,5-Trinitrobenzene	10000	U
122-66-7-----	1,2-Diphenylhydrazine	5200	U
62-44-2-----	Phenacetin	5200	U
101-55-3-----	4-Bromophenyl-phenylether	5200	U
2303-16-4-----	Diallate	5200	U
60-51-5-----	Dimethoate	5200	U
118-74-1-----	Hexachlorobenzene	5200	U
92-67-1-----	4-Aminobiphenyl	5200	U
23950-58-5-----	Pronamide	5200	U
87-86-5-----	Pentachlorophenol	10000	U
82-68-8-----	Pentachloronitrobenzene	5200	U
85-01-8-----	Phenanthrene	45000	/
120-12-7-----	Anthracene	13000	/
84-74-2-----	Di-n-Butylphthalate	5200	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5	Methapyrilene	10000	U
50-18-0	Cyclophosphamide	25000	U
206-44-0	Fluoranthene	25000	✓
92-87-5	Benzidine	5200	U
129-00-0	Pyrene	32000	✓
140-57-8	Aramite	10000	U
60-11-7	p-Dimethylaminoazobenzene	5200	U
510-15-6	Chlorobenzilate	5200	U
119-93-7	3,3'-Dimethylbenzidine	10000	U
85-68-7	Butylbenzylphthalate	5200	U
53-96-3	2-Acetylaminofluorene	5200	U
101-14-4	Methylene-bis(2-chloroaniline	5200	U
91-94-1	3,3'-Dichlorobenzidine	5200	U
106-51-4	3,3'-Dimethoxybenzidine	5200	U
56-55-3	Benzo(a) Anthracene	13000	✓
218-01-9	Chrysene	14000	✓
117-81-7	bis(2-Ethylhexyl) Phthalate	1400	J✓
117-84-0	Di-n-Octyl Phthalate	5200	U
205-99-2	Benzo(b) Fluoranthene	14000	X✓
57-97-6	7,12-Dimethylbenzanthracene	5200	U
207-08-9	Benzo(k) Fluoranthene	14000	X✓
50-32-8	Benzo(a) Pyrene	12000	✓
56-49-5	3-Methylcholanthrene	5200	U
224-42-0	Dibenzo(a, j) acridine	5200	U
193-39-5	Indeno(1,2,3-cd) Pyrene	4200	J✓
53-70-3	Dibenz(a, h) Anthracene	1900	J✓
191-24-2	Benzo(g, h, i) Perylene	5500	✓

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

P207B0608

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P207B0608

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 08  
 Matrix: (soil/water) SOIL Lab Sample ID: 393786  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD093786C04  
 Level: (low/med) LOW Date Received: 01/17/91  
 % Moisture: not dec. 37 dec. \_\_\_\_\_ Date Extracted: 01/21/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/25/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	DIMETHYLNAPHTHALENE	13.24	100000	J
2.	UNKNOWN HYDROCARBON	13.35	89000	J
3.	UNKNOWN HYDROCARBON	13.67	49000	J
4.	UNKNOWN HYDROCARBON	13.75	84000	J
5.	UNKNOWN HYDROCARBON	14.75	78000	J
6.	UNKNOWN	15.02	78000	J
7.	UNKNOWN HYDROCARBON	15.24	78000	J
8. 54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	15.75	160000	J
9.	UNKNOWN	16.02	73000	J
10.	UNKNOWN	16.47	73000	J
11.	UNKNOWN HYDROCARBON	16.67	94000	J
12.	UNKNOWN	17.47	63000	J
13.	UNKNOWN HYDROCARBON	17.57	57000	J
14.	UNKNOWN PAH	17.90	63000	J
15.	UNKNOWN PAH	17.95	49000	J
16.	UNKNOWN PAH	18.12	190000	J
17.	PCB	19.50	68000	J
18.	PCB	20.42	99000	J
19.	PCB	20.80	63000	J
20.	PCB	21.80	45000	J

FORM I SV-TIC

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y010810

Lab Name: COMPUCHEM, RTP Contract: 500077

b Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424400

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD024400A22

Level: (low/med) LOW Date Received: 06/07/91

% Moisture: not dec. 18 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	800	U
110-86-1	Pyridine	800	U
97-63-2	Ethyl methacrylate	800	U
123-63-7	Paraldehyde	800	U
109-06-8	2-Picoline	1600	U
10595-95-6	Nitrosomethylethylamine	800	U
66-27-3	Methyl methanesulfonate	800	U
108-95-2	Phenol	4100	
55-18-5	N-Nitrosodiethylamine	800	U
62-50-0	Ethyl methanesulfonate	800	U
62-53-3	Aniline	4800	
76-01-7	Pentachloroethane	800	U
111-44-4	bis(2-Chloroethyl) Ether	1600	U
95-57-8	2-Chlorophenol	800	U
541-73-1	1,3-Dichlorobenzene	800	U
100-44-7	Benzyl Chloride	800	U
106-46-7	1,4-Dichlorobenzene	830	
100-51-6	Benzyl Alcohol	800	U
95-50-1	1,2-Dichlorobenzene	800	U
95-48-7	2-Methylphenol	800	U
39638-32-9	bis(2-Chloroisopropyl) Ether	800	U
108-39-4	3-Methylphenol	1000	X
106-44-5	4-Methylphenol	1000	X
930-55-2	N-Nitrosopyrrolidine	800	U
59-89-2	N-Nitrosomorpholine	800	U
98-86-2	Acetophenone	800	U
621-64-7	N-Nitroso-Di-n-Propylamine	800	U
636-21-5	o-Toluidine hydrochloride	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
100-75-4	N-Nitrosopiperidine	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	1100	

FORM I SV-1

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	800	U
29-87-3-----Benzal chloride	800	U
65-85-0-----Benzoic Acid	8000	U
111-91-1-----bis(2-Chloroethoxy)Methane	800	U
120-83-2-----2,4-Dichlorophenol	800	U
120-82-1-----1,2,4-Trichlorobenzene	3700	
91-20-3-----Naphthalene	1500	
106-47-8-----4-Chloroaniline	800	U
87-65-0-----2,6-Dichlorophenol	1600	U
95-54-5-----o-Phenylenediamine	800	U
122-09-8-----dimethylphenylethylamine	800	U
1888-71-7-----Hexachloropropene	800	U
87-68-3-----Hexachlorobutadiene	800	U
87-61-6-----1,2,3-Trichlorobenzene	920	
98-07-7-----Benzotrichloride	1600	U
924-16-3-----N-Nitroso-di-n-butylamine	800	U
59-50-7-----4-Chloro-3-Methylphenol	800	U
106-50-3-----P-Phenylenediamine	800	U
94-59-7-----Safrole	800	U
106-50-3-----m-Phenylenediamine	800	U
91-57-6-----2-Methylnaphthalene	800	U
90-12-0-----1-Methylnaphthalene	800	U
95-94-3-----1,2,4,5-Tetrachlorobenzene	960	X
634-90-2-----1,2,3,5-Tetrachlorobenzene	960	X
77-47-4-----Hexachlorocyclopentadiene	800	U
88-06-2-----2,4,6-Trichlorophenol	1600	U
95-95-4-----2,4,5-Trichlorophenol	1600	U
120-58-1-----Isosafrole	1600	U
91-58-7-----2-Chloronaphthalene	800	U
90-13-1-----1-Chloronaphthalene	800	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	880	
88-74-4-----2-Nitroaniline	800	U
130-15-4-----1,4-Naphthoquinone	1600	U
100-25-4-----1,4-Dinitrobenzene	1600	U
131-11-3-----Dimethyl Phthalate	800	U
208-96-8-----Acenaphthylene	4200	

FORM I SV-1

1/87 Rev.

424400

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y010810

Lab Name: COMPUCHEM, RTP Contract: 500077

b Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424400

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GDO24400A22

Level: (low/med) LOW Date Received: 06/07/91

% Moisture: not dec. 18 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

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

99-09-2-----	3-Nitroaniline	1600	U
83-32-9-----	Acenaphthene	1200	
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	800	U
132-64-9-----	Dibenzofuran	800	U
121-14-2-----	2,4-Dinitrotoluene	800	U
608-93-5-----	Pentachlorobenzene	800	U
91-59-8-----	2-Naphthylamine	1600	U
606-20-2-----	2,6-Dinitrotoluene	800	U
134-32-7-----	1-Naphthylamine	1600	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	1600	U
84-66-2-----	Diethylphthalate	800	U
297-97-2-----	Zinophos	800	U
7005-72-3-----	4-Chlorophenyl-phenylether	800	U
86-73-7-----	Fluorene	1800	
100-01-6-----	4-Nitroaniline	1600	U
99-55-8-----	5-Nitro-o-toluidine	1600	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	2400	U
86-30-6-----	N-Nitrosodiphenylamine (1)	800	U
122-39-4-----	Diphenylamine	800	U
99-35-4-----	1,3,5-Trinitrobenzene	1600	U
122-66-7-----	1,2-Diphenylhydrazine	800	U
62-44-2-----	Phenacetin	800	U
101-55-3-----	4-Bromophenyl-phenylether	800	U
2303-16-4-----	Diallate	800	U
60-51-5-----	Dimethoate	800	U
118-74-1-----	Hexachlorobenzene	800	U
92-67-1-----	4-Aminobiphenyl	800	U
23950-58-5-----	Pronamide	800	U
87-86-5-----	Pentachlorophenol	1600	U
82-68-8-----	Pentachloronitrobenzene	800	U
85-01-8-----	Phenanthrene	8100	
120-12-7-----	Anthracene	3900	
84-74-2-----	Di-n-Butylphthalate	2300	

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	1600	U
50-18-0-----Cyclophosphamide	3900	U
206-44-0-----Fluoranthene	13000	
92-87-5-----Benzidine	800	U
129-00-0-----Pyrene	21000	
60-11-7-----p-Dimethylaminoazobenzene	800	U
510-15-6-----Chlorobenzilate	800	U
119-93-7-----3,3'-Dimethylbenzidine	1600	U
85-68-7-----Butylbenzylphthalate	800	U
53-96-3-----2-Acetylaminofluorene	800	U
101-14-4-----Methylene-bis(2-Chloroaniline	800	U
91-94-1-----3,3'-Dichlorobenzidine	800	U
106-51-4-----3,3'-Dimethoxybenzidine	800	U
56-55-3-----Benzo(a)Anthracene	14000	
218-01-9-----Chrysene	16000	
117-81-7-----bis(2-Ethylhexyl)Phthalate	6400	B
117-84-0-----Di-n-Octyl Phthalate	800	U
205-99-2-----Benzo(b)Fluoranthene	10000	
57-97-6-----7,12-Dimethylbenzanthracene	800	U
207-08-9-----Benzo(k)Fluoranthene	25000	
50-32-8-----Benzo(a)Pyrene	23000	
56-49-5-----3-Methylcholanthrene	800	U
224-42-0-----Dibenzo(a,j)acridine	800	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	11000	
53-70-3-----Dibenz(a,h)Anthracene	5000	
191-24-2-----Benzo(g,h,i)Perylene	16000	

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

4 24 400

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y020608

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD024468C22

Level: (low/med) LOW Date Received: 06/08/91

% Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
62-75-9	N-Nitrosodimethylamine	800	U
110-86-1	Pyridine	800	U
97-63-2	Ethyl methacrylate	800	U
123-63-7	Paraldehyde	800	U
109-06-8	2-Picoline	1600	U
10595-95-6	Nitrosomethylethylamine	800	U
66-27-3	Methyl methanesulfonate	800	U
108-95-2	Phenol	800	U
55-18-5	N-Nitrosodiethylamine	800	U
62-50-0	Ethyl methanesulfonate	800	U
62-53-3	Aniline	800	U
76-01-7	Pentachloroethane	800	U
111-44-4	bis(2-Chloroethyl) Ether	1600	U
95-57-8	2-Chlorophenol	800	U
541-73-1	1,3-Dichlorobenzene	800	U
100-44-7	Benzyl Chloride	800	U
106-46-7	1,4-Dichlorobenzene	800	U
100-51-6	Benzyl Alcohol	800	U
95-50-1	1,2-Dichlorobenzene	800	U
95-48-7	2-Methylphenol	800	U
39638-32-9	bis(2-Chloroisopropyl) Ether	800	U
108-39-4	3-Methylphenol	800	U
106-44-5	4-Methylphenol	800	U
930-55-2	N-Nitrosopyrrolidine	800	U
59-89-2	N-Nitrosomorpholine	800	U
98-86-2	Acetophenone	800	U
621-64-7	N-Nitroso-Di-n-Propylamine	800	U
636-21-5	o-Toluidine hydrochloride	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
100-75-4	N-Nitrosopiperidine	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	800	U
98-87-3-----Benzal chloride	800	U
65-85-0-----Benzoic Acid	8000	U
111-91-1-----bis(2-Chloroethoxy)Methane	800	U
120-83-2-----2,4-Dichlorophenol	800	U
120-82-1-----1,2,4-Trichlorobenzene	420	J
91-20-3-----Naphthalene	1600	
106-47-8-----4-Chloroaniline	800	U
87-65-0-----2,6-Dichlorophenol	1600	U
95-54-5-----o-Phenylenediamine	800	U
122-09-8-----dimethylphenylethylamine	800	U
1888-71-7-----Hexachloropropene	800	U
87-68-3-----Hexachlorobutadiene	800	U
87-61-6-----1,2,3-Trichlorobenzene	120	J
98-07-7-----Benzotrichloride	1600	U
924-16-3-----N-Nitroso-di-n-butylamine	800	U
59-50-7-----4-Chloro-3-Methylphenol	800	U
106-50-3-----P-Phenylenediamine	800	U
94-59-7-----Safrole	800	U
106-50-3-----m-Phenylenediamine	800	U
91-57-6-----2-Methylnaphthalene	350	J
90-12-0-----1-Methylnaphthalene	540	J
95-94-3-----1,2,4,5-Tetrachlorobenzene	800	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	800	U
77-47-4-----Hexachlorocyclopentadiene	800	U
88-06-2-----2,4,6-Trichlorophenol	1600	U
95-95-4-----2,4,5-Trichlorophenol	1600	U
120-58-1-----Isosafrole	1600	U
91-58-7-----2-Chloronaphthalene	800	U
90-13-1-----1-Chloronaphthalene	800	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	180	J
88-74-4-----2-Nitroaniline	800	U
130-15-4-----1,4-Naphthoquinone	1600	U
100-25-4-----1,4-Dinitrobenzene	1600	U
131-11-3-----Dimethyl Phthalate	800	U
208-96-8-----Acenaphthylene	2500	

FORM I SV-1

1/87 Rev.

424468 GDO 24468 C22

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y020608

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 424468  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD024468C22  
 Level: (low/med) LOW Date Received: 06/08/91  
 % Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/10/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	1800	
51-28-5	2,4-Dinitrophenol	3100	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	1400	
121-14-2	2,4-Dinitrotoluene	800	U
608-93-5	Pentachlorobenzene	800	U
91-59-8	2-Naphthylamine	1600	U
606-20-2	2,6-Dinitrotoluene	800	U
134-32-7	1-Naphthylamine	1600	U
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U
84-66-2	Diethylphthalate	800	U
297-97-2	Zinophos	800	U
7005-72-3	4-Chlorophenyl-phenylether	800	U
86-73-7	Fluorene	3100	
100-01-6	4-Nitroaniline	1600	U
99-55-8	5-Nitro-o-toluidine	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	2400	U
86-30-6	N-Nitrosodiphenylamine (1)	800	U
122-39-4	Diphenylamine	800	U
99-35-4	1,3,5-Trinitrobenzene	1600	U
122-66-7	1,2-Diphenylhydrazine	800	U
62-44-2	Phenacetin	800	U
101-55-3	4-Bromophenyl-phenylether	800	U
2303-16-4	Diallate	800	U
60-51-5	Dimethoate	800	U
118-74-1	Hexachlorobenzene	800	U
92-67-1	4-Aminobiphenyl	800	U
23950-58-5	Pronamide	800	U
87-86-5	Pentachlorophenol	1600	U
82-68-8	Pentachloronitrobenzene	800	U
85-01-8	Phenanthrene	25000	E
120-12-7	Anthracene	8800	
84-74-2	Di-n-Butylphthalate	800	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	1600	U
50-18-0-----Cyclophosphamide	3900	U
206-44-0-----Fluoranthene	22000	E
92-87-5-----Benzidine	800	U
129-00-0-----Pyrene	38000	E
60-11-7-----p-Dimethylaminoazobenzene	800	U
510-15-6-----Chlorobenzilate	800	U
119-93-7-----3,3'-Dimethylbenzidine	1600	U
85-68-7-----Butylbenzylphthalate	800	U
53-96-3-----2-Acetylaminofluorene	800	U
101-14-4-----Methylene-bis(2-Chloroaniline)	800	U
91-94-1-----3,3'-Dichlorobenzidine	800	U
106-51-4-----3,3'-Dimethoxybenzidine	800	U
56-55-3-----Benzo(a)Anthracene	24000	E
218-01-9-----Chrysene	20000	E
117-81-7-----bis(2-Ethylhexyl) Phthalate	800	U
117-84-0-----Di-n-Octyl Phthalate	800	U
205-99-2-----Benzo(b) Fluoranthene	28000	EX
57-97-6-----7,12-Dimethylbenzanthracene	800	U
207-08-9-----Benzo(k) Fluoranthene	28000	EX
50-32-8-----Benzo(a) Pyrene	13000	E
56-49-5-----3-Methylcholanthrene	800	U
224-42-0-----Dibenzo(a, j) acridine	800	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	6400	
53-70-3-----Dibenz(a, h) Anthracene	3200	
191-24-2-----Benzo(g, h, i) Perylene	6300	

(1) - Cannot be separated from Diphenylamine

424468

GD024468 C22

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y020608DL

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G3D24468B22

Level: (low/med) LOW Date Received: 06/08/91

% Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 20

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	8000	U
110-86-1	Pyridine	8000	U
97-63-2	Ethyl methacrylate	8000	U
123-63-7	Paraldehyde	8000	U
109-06-8	2-Picoline	16000	U
10595-95-6	Nitrosomethylethylamine	8000	U
66-27-3	Methyl methanesulfonate	8000	U
108-95-2	Phenol	8000	U
55-18-5	N-Nitrosodiethylamine	8000	U
62-50-0	Ethyl methanesulfonate	8000	U
62-53-3	Aniline	8000	U
76-01-7	Pentachloroethane	8000	U
111-44-4	bis(2-Chloroethyl) Ether	16000	U
95-57-8	2-Chlorophenol	8000	U
541-73-1	1,3-Dichlorobenzene	8000	U
100-44-7	Benzyl Chloride	8000	U
106-46-7	1,4-Dichlorobenzene	8000	U
100-51-6	Benzyl Alcohol	8000	U
95-50-1	1,2-Dichlorobenzene	8000	U
95-48-7	2-Methylphenol	8000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	8000	U
108-39-4	3-Methylphenol	8000	U
106-44-5	4-Methylphenol	8000	U
930-55-2	N-Nitrosopyrrolidine	8000	U
59-89-2	N-Nitrosomorpholine	8000	U
98-86-2	Acetophenone	8000	U
621-64-7	N-Nitroso-Di-n-Propylamine	8000	U
636-21-5	o-Toluidine hydrochloride	8000	U
67-72-1	Hexachloroethane	8000	U
98-95-3	Nitrobenzene	8000	U
100-75-4	N-Nitrosopiperidine	8000	U
78-59-1	Isophorone	8000	U
88-75-5	2-Nitrophenol	8000	U
105-67-9	2,4-Dimethylphenol	8000	U

FORM I SV-1

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	8000	U
98-87-3-----Benzal chloride	8000	U
65-85-0-----Benzoic Acid	80000	U
111-91-1-----bis(2-Chloroethoxy)Methane	8000	U
120-83-2-----2,4-Dichlorophenol	8000	U
120-82-1-----1,2,4-Trichlorobenzene	8000	U
91-20-3-----Naphthalene	1200	DJ
106-47-8-----4-Chloroaniline	8000	U
87-65-0-----2,6-Dichlorophenol	16000	U
95-54-5-----o-Phenylenediamine	8000	U
122-09-8-----dimethylphenylethylamine	8000	U
1888-71-7-----Hexachloropropene	8000	U
87-68-3-----Hexachlorobutadiene	8000	U
87-61-6-----1,2,3-Trichlorobenzene	8000	U
98-07-7-----Benzotrichloride	16000	U
924-16-3-----N-Nitroso-di-n-butylamine	8000	U
59-50-7-----4-Chloro-3-Methylphenol	8000	U
106-50-3-----P-Phenylenediamine	8000	U
94-59-7-----Safrole	8000	U
106-50-3-----m-Phenylenediamine	8000	U
91-57-6-----2-Methylnaphthalene	8000	U
90-12-0-----1-Methylnaphthalene	8000	U
95-94-3-----1,2,4,5-Tetrachlorobenzene	8000	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	8000	U
77-47-4-----Hexachlorocyclopentadiene	8000	U
88-06-2-----2,4,6-Trichlorophenol	16000	U
95-95-4-----2,4,5-Trichlorophenol	16000	U
120-58-1-----Isosafrole	16000	U
91-58-7-----2-Chloronaphthalene	8000	U
90-13-1-----1-Chloronaphthalene	8000	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	8000	U
88-74-4-----2-Nitroaniline	8000	U
130-15-4-----1,4-Napthoquinone	16000	U
100-25-4-----1,4-Dinitrobenzene	16000	U
131-11-3-----Dimethyl Phthalate	8000	U
208-96-8-----Acenaphthylene	1500	DJ

FORM I SV-1

1/87 Rev.

424468

108-70-3-----1,3,5-Trichlorobenzene	8000	U
98-87-3-----Benzal chloride	8000	U
65-85-0-----Benzoic Acid	80000	U
111-91-1-----bis(2-Chloroethoxy)Methane	8000	U
120-83-2-----2,4-Dichlorophenol	8000	U
120-82-1-----1,2,4-Trichlorobenzene	8000	U
91-20-3-----Naphthalene	1200	DJ
106-47-8-----4-Chloroaniline	8000	U
87-65-0-----2,6-Dichlorophenol	16000	U
95-54-5-----o-Phenylenediamine	8000	U
122-09-8-----dimethylphenylethylamine	8000	U
1888-71-7-----Hexachloropropene	8000	U
87-68-3-----Hexachlorobutadiene	8000	U
87-61-6-----1,2,3-Trichlorobenzene	8000	U
98-07-7-----Benzotrichloride	16000	U
924-16-3-----N-Nitroso-di-n-butylamine	8000	U
59-50-7-----4-Chloro-3-Methylphenol	8000	U
106-50-3-----P-Phenylenediamine	8000	U
94-59-7-----Safrole	8000	U
106-50-3-----m-Phenylenediamine	8000	U
91-57-6-----2-Methylnaphthalene	8000	U
90-12-0-----1-Methylnaphthalene	8000	U
95-94-3-----1,2,4,5-Tetrachlorobenzene	8000	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	8000	U
77-47-4-----Hexachlorocyclopentadiene	8000	U
88-06-2-----2,4,6-Trichlorophenol	16000	U
95-95-4-----2,4,5-Trichlorophenol	16000	U
120-58-1-----Isosafrole	16000	U
91-58-7-----2-Chloronaphthalene	8000	U
90-13-1-----1-Chloronaphthalene	8000	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	8000	U
88-74-4-----2-Nitroaniline	8000	U
130-15-4-----1,4-Naphthoquinone	16000	U
100-25-4-----1,4-Dinitrobenzene	16000	U
131-11-3-----Dimethyl Phthalate	8000	U
208-96-8-----Acenaphthylene	1500	DJ

424468

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y020608DL

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 424468  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: G3D24468B22  
 Level: (low/med) LOW Date Received: 06/08/91  
 % Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/10/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 20

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	16000	U
83-32-9	Acenaphthene	940	DJ
51-28-5	2,4-Dinitrophenol	31000	U
100-02-7	4-Nitrophenol	8000	U
132-64-9	Dibenzofuran	1000	DJ
121-14-2	2,4-Dinitrotoluene	8000	U
608-93-5	Pentachlorobenzene	8000	U
91-59-8	2-Naphthylamine	16000	U
606-20-2	2,6-Dinitrotoluene	8000	U
134-32-7	1-Naphthylamine	16000	U
58-90-2	2,3,4,6-Tetrachlorophenol	16000	U
84-66-2	Diethylphthalate	8000	U
297-97-2	Zinophos	8000	U
7005-72-3	4-Chlorophenyl-phenylether	8000	U
86-73-7	Fluorene	2000	DJ
100-01-6	4-Nitroaniline	16000	U
99-55-8	5-Nitro-o-toluidine	16000	U
534-52-1	4,6-Dinitro-2-Methylphenol	24000	U
86-30-6	N-Nitrosodiphenylamine (1)	8000	U
122-39-4	Diphenylamine	8000	U
99-35-4	1,3,5-Trinitrobenzene	16000	U
122-66-7	1,2-Diphenylhydrazine	8000	U
62-44-2	Phenacetin	8000	U
101-55-3	4-Bromophenyl-phenylether	8000	U
2303-16-4	Diallate	8000	U
60-51-5	Dimethoate	8000	U
118-74-1	Hexachlorobenzene	8000	U
92-67-1	4-Aminobiphenyl	8000	U
23950-58-5	Pronamide	8000	U
87-86-5	Pentachlorophenol	16000	U
82-68-8	Pentachloronitrobenzene	8000	U
85-01-8	Phenanthrene	35000	D
120-12-7	Anthracene	7800	DJ
84-74-2	Di-n-Butylphthalate	8000	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	16000	U
50-18-0-----Cyclophosphamide	39000	U
206-44-0-----Fluoranthene	37000	D
92-87-5-----Benzidine	8000	U
129-00-0-----Pyrene	48000	D
60-11-7-----p-Dimethylaminoazobenzene	8000	U
510-15-6-----Chlorobenzilate	8000	U
119-93-7-----3,3'-Dimethylbenzidine	16000	U
85-68-7-----Butylbenzylphthalate	8000	U
53-96-3-----2-Acetylaminofluorene	8000	U
101-14-4-----Methylene-bis(2-Chloroaniline	8000	U
91-94-1-----3,3'-Dichlorobenzidine	8000	U
106-51-4-----3,3'-Dimethoxybenzidine	8000	U
56-55-3-----Benzo(a)Anthracene	18000	D
218-01-9-----Chrysene	18000	D
117-81-7-----bis(2-Ethylhexyl) Phthalate	8000	U
117-84-0-----Di-n-Octyl Phthalate	8000	U
205-99-2-----Benzo(b)Fluoranthene	25000	D
57-97-6-----7,12-Dimethylbenzanthracene	8000	U
207-08-9-----Benzo(k)Fluoranthene	25000	D
50-32-8-----Benzo(a)Pyrene	14000	D
56-49-5-----3-Methylcholanthrene	8000	U
224-42-0-----Dibenzo(a,j)acridine	8000	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	4900	DJ
53-70-3-----Dibenz(a,h)Anthracene	2200	DJ
191-24-2-----Benzo(g,h,i)Perylene	4600	DJ

(1) - Cannot be separated from Diphenylamine

42446P

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y030810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1636

Matrix: (soil/water) SOIL Lab Sample ID: 424006

Sample wt/vol: 30.6 (g/mL) G Lab File ID: GD024006A22

Level: (low/med) LOW Date Received: 06/06/91

% Moisture: not dec. 9 dec. \_\_\_\_\_ Date Extracted: 06/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	710	U
110-86-1	Pyridine	710	U
97-63-2	Ethyl methacrylate	710	U
123-63-7	Paraldehyde	710	U
109-06-8	2-Picoline	1400	U
10595-95-6	Nitrosomethylethylamine	710	U
66-27-3	Methyl methanesulfonate	710	U
108-95-2	Phenol	710	U
55-18-5	N-Nitrosodiethylamine	710	U
62-50-0	Ethyl methanesulfonate	710	U
62-53-3	Aniline	280	J
76-01-7	Pentachloroethane	710	U
111-44-4	bis(2-Chloroethyl) Ether	1400	U
95-57-8	2-Chlorophenol	710	U
541-73-1	1,3-Dichlorobenzene	710	U
100-44-7	Benzyl Chloride	710	U
106-46-7	1,4-Dichlorobenzene	710	U
100-51-6	Benzyl Alcohol	710	U
95-50-1	1,2-Dichlorobenzene	710	U
95-48-7	2-Methylphenol	710	U
39638-32-9	bis(2-Chloroisopropyl) Ether	710	U
108-39-4	3-Methylphenol	710	U
106-44-5	4-Methylphenol	710	U
930-55-2	N-Nitrosopyrrolidine	710	U
59-89-2	N-Nitrosomorpholine	710	U
98-86-2	Acetophenone	710	U
621-64-7	N-Nitroso-Di-n-Propylamine	710	U
636-21-5	o-Toluidine hydrochloride	710	U
67-72-1	Hexachloroethane	710	U
98-95-3	Nitrobenzene	710	U
100-75-4	N-Nitrosopiperidine	710	U
78-59-1	Isophorone	710	U
88-75-5	2-Nitrophenol	710	U
105-67-9	2,4-Dimethylphenol	710	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	710	U
98-87-3-----	Benzal chloride	710	U
65-85-0-----	Benzoic Acid	7100	U
111-91-1-----	bis(2-Chloroethoxy)Methane	710	U
120-83-2-----	2,4-Dichlorophenol	710	U
120-82-1-----	1,2,4-Trichlorobenzene	120	J
91-20-3-----	Naphthalene	140	J
106-47-8-----	4-Chloroaniline	710	U
87-65-0-----	2,6-Dichlorophenol	1400	U
95-54-5-----	o-Phenylenediamine	710	U
122-09-8-----	dimethylphenylethylamine	710	U
1888-71-7-----	Hexachloropropene	710	U
87-68-3-----	Hexachlorobutadiene	710	U
87-61-6-----	1,2,3-Trichlorobenzene	710	U
98-07-7-----	Benzotrichloride	1400	U
924-16-3-----	N-Nitroso-di-n-butylamine	710	U
59-50-7-----	4-Chloro-3-Methylphenol	710	U
106-50-3-----	P-Phenylenediamine	710	U
94-59-7-----	Safrole	710	U
106-50-3-----	m-Phenylenediamine	710	U
91-57-6-----	2-Methylnaphthalene	710	U
90-12-0-----	1-Methylnaphthalene	100	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	180	J X
634-90-2-----	1,2,3,5-Tetrachlorobenzene	180	J X
77-47-4-----	Hexachlorocyclopentadiene	710	U
88-06-2-----	2,4,6-Trichlorophenol	1400	U
95-95-4-----	2,4,5-Trichlorophenol	1400	U
120-58-1-----	Isosafrole	1400	U
91-58-7-----	2-Chloronaphthalene	710	U
90-13-1-----	1-Chloronaphthalene	710	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	200	J
88-74-4-----	2-Nitroaniline	710	U
130-15-4-----	1,4-Naphthoquinone	1400	U
100-25-4-----	1,4-Dinitrobenzene	1400	U
131-11-3-----	Dimethyl Phthalate	710	U
208-96-8-----	Acenaphthylene	140	J

*sat*  
7/16/91

424006

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y030810

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1636  
 Matrix: (soil/water) SOIL Lab Sample ID: 424006  
 Sample wt/vol: 30.6 (g/mL) G Lab File ID: GD024006A22  
 Level: (low/med) LOW Date Received: 06/06/91  
 % Moisture: not dec. 9 dec. \_\_\_\_\_ Date Extracted: 06/07/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/02/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	1400	U
83-32-9	Acenaphthene	200	J
51-28-5	2,4-Dinitrophenol	2800	U
100-02-7	4-Nitrophenol	710	U
132-64-9	Dibenzofuran	170	J
121-14-2	2,4-Dinitrotoluene	710	U
608-93-5	Pentachlorobenzene	76	J
91-59-8	2-Naphthylamine	1400	U
606-20-2	2,6-Dinitrotoluene	710	U
134-32-7	1-Naphthylamine	1400	U
58-90-2	2,3,4,6-Tetrachlorophenol	1400	U
84-66-2	Diethylphthalate	710	U
297-97-2	Zinophos	710	U
7005-72-3	4-Chlorophenyl-phenylether	710	U
86-73-7	Fluorene	310	J
100-01-6	4-Nitroaniline	1400	U
99-55-8	5-Nitro-o-toluidine	1400	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	710	U
122-39-4	Diphenylamine	710	U
99-35-4	1,3,5-Trinitrobenzene	1400	U
122-66-7	1,2-Diphenylhydrazine	710	U
62-44-2	Phenacetin	710	U
101-55-3	4-Bromophenyl-phenylether	710	U
2303-16-4	Diallate	710	U
60-51-5	Dimethoate	710	U
118-74-1	Hexachlorobenzene	710	U
92-67-1	4-Aminobiphenyl	710	U
23950-58-5	Pronamide	710	U
87-86-5	Pentachlorophenol	1400	U
82-68-8	Pentachloronitrobenzene	710	U
85-01-8	Phenanthrene	4500	
120-12-7	Anthracene	960	
84-74-2	Di-n-Butylphthalate	710	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.



91-80-5-----Methapyrilene	1400	U
50-18-0-----Cyclophosphamide	3400	U
206-44-0-----Fluoranthene	6500	
92-87-5-----Benzidine	710	U
129-00-0-----Pyrene	4400	
60-11-7-----p-Dimethylaminoazobenzene	710	U
510-15-6-----Chlorobenzilate	710	U
119-93-7-----3,3'-Dimethylbenzidine	1400	U
85-68-7-----Butylbenzylphthalate	710	U
53-96-3-----2-Acetylaminofluorene	710	U
101-14-4-----Methylene-bis(2-Chloroaniline)	710	U
91-94-1-----3,3'-Dichlorobenzidine	710	U
106-51-4-----3,3'-Dimethoxybenzidine	710	U
56-55-3-----Benzo(a)Anthracene	3700	
218-01-9-----Chrysene	3700	
117-81-7-----bis(2-Ethylhexyl)Phthalate	500	BJ
117-84-0-----Di-n-Octyl Phthalate	710	U
205-99-2-----Benzo(b)Fluoranthene	7600	X
57-97-6-----7,12-Dimethylbenzanthracene	710	U
207-08-9-----Benzo(k)Fluoranthene	7600	X
50-32-8-----Benzo(a)Pyrene	3700	
56-49-5-----3-Methylcholanthrene	710	U
224-42-0-----Dibenzo(a,j)acridine	710	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	1500	
53-70-3-----Dibenz(a,h)Anthracene	830	
191-24-2-----Benzo(g,h,i)Perylene	1300	

(1) - Cannot be separated from Diphenylamine

424006

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y040406

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1636

Matrix: (soil/water) SOIL Lab Sample ID: 423977

Sample wt/vol: 30.9 (g/mL) G Lab File ID: GJ023977A06

Level: (low/med) LOW Date Received: 06/06/91

% Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 06/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/18/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	6000	U
110-86-1	Pyridine	6000	U
97-63-2	Ethyl methacrylate	6000	U
123-63-7	Paraldehyde	6000	U
109-06-8	2-Picoline	12000	U
10595-95-6	Nitrosomethylethylamine	6000	U
66-27-3	Methyl methanesulfonate	6000	U
108-95-2	Phenol	6000	U
55-18-5	N-Nitrosodiethylamine	6000	U
62-50-0	Ethyl methanesulfonate	6000	U
62-53-3	Aniline	6000	U
76-01-7	Pentachloroethane	6000	U
111-44-4	bis(2-Chloroethyl) Ether	12000	U
95-57-8	2-Chlorophenol	6000	U
541-73-1	1,3-Dichlorobenzene	6000	U
100-44-7	Benzyl Chloride	6000	U
106-46-7	1,4-Dichlorobenzene	6000	U
100-51-6	Benzyl Alcohol	6000	U
95-50-1	1,2-Dichlorobenzene	6000	U
95-48-7	2-Methylphenol	6000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	6000	U
108-39-4	3-Methylphenol	6000	U
106-44-5	4-Methylphenol	6000	U
930-55-2	N-Nitrosopyrrolidine	6000	U
59-89-2	N-Nitrosomorpholine	6000	U
98-86-2	Acetophenone	6000	U
621-64-7	N-Nitroso-Di-n-Propylamine	6000	U
636-21-5	o-Toluidine hydrochloride	6000	U
67-72-1	Hexachloroethane	6000	U
98-95-3	Nitrobenzene	6000	U
100-75-4	N-Nitrosopiperidine	6000	U
78-59-1	Isophorone	6000	U
88-75-5	2-Nitrophenol	6000	U
105-67-9	2,4-Dimethylphenol	6000	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	6000	U
98-87-3-----	Benzal chloride	6000	U
65-85-0-----	Benzoic Acid	60000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	6000	U
120-83-2-----	2,4-Dichlorophenol	6000	U
120-82-1-----	1,2,4-Trichlorobenzene	6000	U
91-20-3-----	Naphthalene	2400	J
106-47-8-----	4-Chloroaniline	6000	U
87-65-0-----	2,6-Dichlorophenol	12000	U
95-54-5-----	o-Phenylenediamine	6000	U
122-09-8-----	dimethylphenylethylamine	6000	U
1888-71-7-----	Hexachloropropene	6000	U
87-68-3-----	Hexachlorobutadiene	6000	U
87-61-6-----	1,2,3-Trichlorobenzene	6000	U
98-07-7-----	Benzotrichloride	12000	U
924-16-3-----	N-Nitroso-di-n-butylamine	6000	U
59-50-7-----	4-Chloro-3-Methylphenol	6000	U
106-50-3-----	P-Phenylenediamine	6000	U
94-59-7-----	Safrole	6000	U
106-50-3-----	m-Phenylenediamine	6000	U
91-57-6-----	2-Methylnaphthalene	1100	J
90-12-0-----	1-Methylnaphthalene	2100	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	6000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	6000	U
77-47-4-----	Hexachlorocyclopentadiene	6000	U
88-06-2-----	2,4,6-Trichlorophenol	12000	U
95-95-4-----	2,4,5-Trichlorophenol	12000	U
120-58-1-----	Isosafrole	12000	U
91-58-7-----	2-Chloronaphthalene	6000	U
90-13-1-----	1-Chloronaphthalene	6000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	6000	U
88-74-4-----	2-Nitroaniline	6000	U
130-15-4-----	1,4-Naphthoquinone	12000	U
100-25-4-----	1,4-Dinitrobenzene	12000	U
131-11-3-----	Dimethyl Phthalate	6000	U
208-96-8-----	Acenaphthylene	6000	U

FORM I SV-1

1/87 Rev.

423977

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y040406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1636

Matrix: (soil/water) SOIL Lab Sample ID: 423977

Sample wt/vol: 30.9 (g/mL) G Lab File ID: GJ023977A06

Level: (low/med) LOW Date Received: 06/06/91

% Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 06/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/18/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	12000	U
83-32-9	Acenaphthene	3100	J
51-28-5	2,4-Dinitrophenol	24000	U
100-02-7	4-Nitrophenol	6000	U
132-64-9	Dibenzofuran	6000	U
121-14-2	2,4-Dinitrotoluene	6000	U
608-93-5	Pentachlorobenzene	6000	U
91-59-8	2-Naphthylamine	12000	U
606-20-2	2,6-Dinitrotoluene	6000	U
134-32-7	1-Naphthylamine	12000	U
58-90-2	2,3,4,6-Tetrachlorophenol	12000	U
84-66-2	Diethylphthalate	6000	U
297-97-2	Zinophos	6000	U
7005-72-3	4-Chlorophenyl-phenylether	6000	U
86-73-7	Fluorene	5900	J
100-01-6	4-Nitroaniline	12000	U
99-55-8	5-Nitro-o-toluidine	12000	U
534-52-1	4,6-Dinitro-2-Methylphenol	18000	U
86-30-6	N-Nitrosodiphenylamine (1)	6000	U
122-39-4	Diphenylamine	6000	U
99-35-4	1,3,5-Trinitrobenzene	12000	U
122-66-7	1,2-Diphenylhydrazine	6000	U
62-44-2	Phenacetin	6000	U
101-55-3	4-Bromophenyl-phenylether	6000	U
2303-16-4	Diallate	6000	U
60-51-5	Dimethoate	6000	U
118-74-1	Hexachlorobenzene	6000	U
92-67-1	4-Aminobiphenyl	6000	U
23950-58-5	Pronamide	6000	U
87-86-5	Pentachlorophenol	12000	U
82-68-8	Pentachloronitrobenzene	6000	U
85-01-8	Phenanthrene	64000	U
120-12-7	Anthracene	11000	U
84-74-2	Di-n-Butylphthalate	6000	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5	Methapyrilene	12000	U
50-18-0	Cyclophosphamide	29000	U
206-44-0	Fluoranthene	55000	
92-87-5	Benzidine	6000	U
129-00-0	Pyrene	54000	
60-11-7	p-Dimethylaminoazobenzene	6000	U
510-15-6	Chlorobenzilate	6000	U
119-93-7	3,3'-Dimethylbenzidine	12000	U
85-68-7	Butylbenzylphthalate	6000	U
53-96-3	2-Acetylaminofluorene	6000	U
101-14-4	Methylene-bis(2-Chloroaniline	6000	U
91-94-1	3,3'-Dichlorobenzidine	6000	U
106-51-4	3,3'-Dimethoxybenzidine	6000	U
56-55-3	Benzo(a)Anthracene	6000	U
218-01-9	Chrysene	33000	
117-81-7	bis(2-Ethylhexyl) Phthalate	31000	
117-84-0	Di-n-Octyl Phthalate	780	BJ
205-99-2	Benzo(b) Fluoranthene	6000	U
57-97-6	7,12-Dimethylbenzanthracene	48000	X
207-08-9	Benzo(k) Fluoranthene	6000	U
50-32-8	Benzo(a) Pyrene	48000	X
56-49-5	3-Methylcholanthrene	24000	
224-42-0	Dibenzo(a, j) acridine	6000	U
193-39-5	Indeno(1,2,3-cd) Pyrene	6000	U
53-70-3	Dibenz(a, h) Anthracene	13000	
191-24-2	Benzo(g, h, i) Perylene	6200	
		14000	

(1) - Cannot be separated from Diphenylamine

423977

FORM I SV-3

1/87 Rev.

22255 1636 SAMPLE DATA SUMMARY

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y050406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 424392  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2D24392C22  
 Level: (low/med) LOW Date Received: 06/07/91  
 % Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/10/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9	N-Nitrosodimethylamine	6000	U
110-86-1	Pyridine	6000	U
97-63-2	Ethyl methacrylate	6000	U
123-63-7	Paraldehyde	6000	U
109-06-8	2-Picoline	12000	U
10595-95-6	Nitrosomethylethylamine	6000	U
66-27-3	Methyl methanesulfonate	6000	U
108-95-2	Phenol	6000	U
55-18-5	N-Nitrosodiethylamine	6000	U
62-50-0	Ethyl methanesulfonate	6000	U
62-53-3	Aniline	6000	U
76-01-7	Pentachloroethane	6000	U
111-44-4	bis(2-Chloroethyl) Ether	12000	U
95-57-8	2-Chlorophenol	6000	U
541-73-1	1,3-Dichlorobenzene	6000	U
100-44-7	Benzyl Chloride	6000	U
106-46-7	1,4-Dichlorobenzene	6000	U
100-51-6	Benzyl Alcohol	6000	U
95-50-1	1,2-Dichlorobenzene	6000	U
95-48-7	2-Methylphenol	630	J
39638-32-9	bis(2-Chloroisopropyl) Ether	6000	U
108-39-4	3-Methylphenol	1500	JX
106-44-5	4-Methylphenol	1500	JX
930-55-2	N-Nitrosopyrrolidine	6000	U
59-89-2	N-Nitrosomorpholine	6000	U
98-86-2	Acetophenone	6000	U
621-64-7	N-Nitroso-Di-n-Propylamine	6000	U
636-21-5	o-Toluidine hydrochloride	6000	U
67-72-1	Hexachloroethane	6000	U
98-95-3	Nitrobenzene	6000	U
100-75-4	N-Nitrosopiperidine	6000	U
78-59-1	Isophorone	6000	U
88-75-5	2-Nitrophenol	6000	U
105-67-9	2,4-Dimethylphenol	1400	J

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	6000	U
98-87-3-----	Benzal chloride	6000	U
65-85-0-----	Benzoic Acid	60000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	6000	U
120-83-2-----	2,4-Dichlorophenol	6000	U
120-82-1-----	1,2,4-Trichlorobenzene	6000	U
91-20-3-----	Naphthalene	66000	
106-47-8-----	4-Chloroaniline	6000	U
87-65-0-----	2,6-Dichlorophenol	12000	U
95-54-5-----	o-Phenylenediamine	6000	U
122-09-8-----	dimethylphenylethylamine	6000	U
1888-71-7-----	Hexachloropropene	6000	U
87-68-3-----	Hexachlorobutadiene	6000	U
87-61-6-----	1,2,3-Trichlorobenzene	6000	U
98-07-7-----	Benzotrichloride	12000	U
924-16-3-----	N-Nitroso-di-n-butylamine	6000	U
59-50-7-----	4-Chloro-3-Methylphenol	6000	U
106-50-3-----	P-Phenylenediamine	6000	U
94-59-7-----	Safrole	6000	U
106-50-3-----	m-Phenylenediamine	6000	U
91-57-6-----	2-Methylnaphthalene	18000	
90-12-0-----	1-Methylnaphthalene	29000	
95-94-3-----	1,2,4,5-Tetrachlorobenzene	6000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	6000	U
77-47-4-----	Hexachlorocyclopentadiene	6000	U
88-06-2-----	2,4,6-Trichlorophenol	12000	U
95-95-4-----	2,4,5-Trichlorophenol	12000	U
120-58-1-----	Isosafrole	12000	U
91-58-7-----	2-Chloronaphthalene	6000	U
90-13-1-----	1-Chloronaphthalene	6000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	6000	U
88-74-4-----	2-Nitroaniline	6000	U
130-15-4-----	1,4-Naphthoquinone	12000	U
100-25-4-----	1,4-Dinitrobenzene	12000	U
131-11-3-----	Dimethyl Phthalate	6000	U
208-96-8-----	Acenaphthylene	1300	J

FORM I SV-1

1/87 Rev.

4392

91-80-5-----	Methapyrilene	12000	U
50-18-0-----	Cyclophosphamide	29000	U
206-44-0-----	Fluoranthene	260000	E
92-87-5-----	Benzidine	6000	U
129-00-0-----	Pyrene	180000	E
60-11-7-----	p-Dimethylaminoazobenzene	6000	U
510-15-6-----	Chlorobenzilate	6000	U
119-93-7-----	3,3'-Dimethylbenzidine	12000	U
85-68-7-----	Butylbenzylphthalate	6000	U
53-96-3-----	2-Acetylaminofluorene	6000	U
101-14-4-----	Methylene-bis(2-Chloroaniline	6000	U
91-94-1-----	3,3'-Dichlorobenzidine	6000	U
106-51-4-----	3,3'-Dimethoxybenzidine	6000	U
56-55-3-----	Benzo(a)Anthracene	120000	E
218-01-9-----	Chrysene	120000	E
117-81-7-----	bis(2-Ethylhexyl) Phthalate	6000	U
117-84-0-----	Di-n-Octyl Phthalate	6000	U
205-99-2-----	Benzo(b) Fluoranthene	180000	E
57-97-6-----	7,12-Dimethylbenzanthracene	6000	U
207-08-9-----	Benzo(k) Fluoranthene	180000	E
50-32-8-----	Benzo(a) Pyrene	99000	E
56-49-5-----	3-Methylcholanthrene	6000	U
224-42-0-----	Dibenzo(a,j) acridine	6000	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	39000	
53-70-3-----	Dibenz(a,h) Anthracene	20000	
191-24-2-----	Benzo(g,h,i) Perylene	40000	

(1) - Cannot be separated from Diphenylamine

424372

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y050406DL

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424392

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G4D24392A22

Level: (low/med) LOW Date Received: 06/07/91

% Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/22/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 200

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	80000	U
110-86-1	Pyridine	80000	U
97-63-2	Ethyl methacrylate	80000	U
123-63-7	Paraldehyde	80000	U
109-06-8	2-Picoline	160000	U
10595-95-6	Nitrosomethylethylamine	80000	U
66-27-3	Methyl methanesulfonate	80000	U
108-95-2	Phenol	80000	U
55-18-5	N-Nitrosodiethylamine	80000	U
62-50-0	Ethyl methanesulfonate	80000	U
62-53-3	Aniline	80000	U
76-01-7	Pentachloroethane	80000	U
111-44-4	bis(2-Chloroethyl) Ether	160000	U
95-57-8	2-Chlorophenol	80000	U
541-73-1	1,3-Dichlorobenzene	80000	U
100-44-7	Benzyl Chloride	80000	U
106-46-7	1,4-Dichlorobenzene	80000	U
100-51-6	Benzyl Alcohol	80000	U
95-50-1	1,2-Dichlorobenzene	80000	U
95-48-7	2-Methylphenol	80000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	80000	U
108-39-4	3-Methylphenol	80000	U
106-44-5	4-Methylphenol	80000	U
930-55-2	N-Nitrosopyrrolidine	80000	U
59-89-2	N-Nitrosomorpholine	80000	U
98-86-2	Acetophenone	80000	U
621-64-7	N-Nitroso-Di-n-Propylamine	80000	U
636-21-5	o-Toluidine hydrochloride	80000	U
67-72-1	Hexachloroethane	80000	U
98-95-3	Nitrobenzene	80000	U
100-75-4	N-Nitrosopiperidine	80000	U
78-59-1	Isophorone	80000	U
88-75-5	2-Nitrophenol	80000	U
105-67-9	2,4-Dimethylphenol	80000	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	80000	U
98-87-3-----	Benzal chloride	80000	U
65-85-0-----	Benzoic Acid	800000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	80000	U
120-83-2-----	2,4-Dichlorophenol	80000	U
120-82-1-----	1,2,4-Trichlorobenzene	80000	U
91-20-3-----	Naphthalene	72000	DJ
106-47-8-----	4-Chloroaniline	80000	U
87-65-0-----	2,6-Dichlorophenol	160000	U
95-54-5-----	o-Phenylenediamine	80000	U
122-09-8-----	dimethylphenylethylamine	80000	U
1888-71-7-----	Hexachloropropene	80000	U
87-68-3-----	Hexachlorobutadiene	80000	U
87-61-6-----	1,2,3-Trichlorobenzene	80000	U
98-07-7-----	Benzotrichloride	160000	U
924-16-3-----	N-Nitroso-di-n-butylamine	80000	U
59-50-7-----	4-Chloro-3-Methylphenol	80000	U
106-50-3-----	P-Phenylenediamine	80000	U
94-59-7-----	Safrole	80000	U
106-50-3-----	m-Phenylenediamine	80000	U
91-57-6-----	2-Methylnaphthalene	19000	DJ
90-12-0-----	1-Methylnaphthalene	34000	DJ
95-94-3-----	1,2,4,5-Tetrachlorobenzene	80000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	80000	U
77-47-4-----	Hexachlorocyclopentadiene	80000	U
88-06-2-----	2,4,6-Trichlorophenol	160000	U
95-95-4-----	2,4,5-Trichlorophenol	160000	U
120-58-1-----	Isosafrole	160000	U
91-58-7-----	2-Chloronaphthalene	80000	U
90-13-1-----	1-Chloronaphthalene	80000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	80000	U
88-74-4-----	2-Nitroaniline	80000	U
130-15-4-----	1,4-Naphthoquinone	160000	U
100-25-4-----	1,4-Dinitrobenzene	160000	U
131-11-3-----	Dimethyl Phthalate	80000	U
208-96-8-----	Acenaphthylene	80000	U

424392

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y050406DL

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 424392  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: G4D24392A22  
 Level: (low/med) LOW Date Received: 06/07/91  
 % Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/10/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/22/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 200

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	160000	U
83-32-9	Acenaphthene	65000	DJ
51-28-5	2,4-Dinitrophenol	310000	U
100-02-7	4-Nitrophenol	80000	U
132-64-9	Dibenzofuran	45000	DJ
121-14-2	2,4-Dinitrotoluene	80000	U
608-93-5	Pentachlorobenzene	80000	U
91-59-8	2-Naphthylamine	160000	U
606-20-2	2,6-Dinitrotoluene	80000	U
134-32-7	1-Naphthylamine	160000	U
58-90-2	2,3,4,6-Tetrachlorophenol	160000	U
84-66-2	Diethylphthalate	80000	U
297-97-2	Zinophos	80000	U
7005-72-3	4-Chlorophenyl-phenylether	80000	U
86-73-7	Fluorene	63000	DJ
100-01-6	4-Nitroaniline	160000	U
99-55-8	5-Nitro-o-toluidine	160000	U
534-52-1	4,6-Dinitro-2-Methylphenol	240000	U
86-30-6	N-Nitrosodiphenylamine (1)	80000	U
122-39-4	Diphenylamine	80000	U
99-35-4	1,3,5-Trinitrobenzene	160000	U
122-66-7	1,2-Diphenylhydrazine	80000	U
62-44-2	Phenacetin	80000	U
101-55-3	4-Bromophenyl-phenylether	80000	U
2303-16-4	Diallate	80000	U
60-51-5	Dimethoate	80000	U
118-74-1	Hexachlorobenzene	80000	U
92-67-1	4-Aminobiphenyl	80000	U
23950-58-5	Pronamide	80000	U
87-86-5	Pentachlorophenol	160000	U
82-68-8	Pentachloronitrobenzene	80000	U
85-01-8	Phenanthrene	500000	D
120-12-7	Anthracene	110000	D
84-74-2	Di-n-Butylphthalate	80000	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

91-80-5-----Methapyrilene	160000	U
50-18-0-----Cyclophosphamide	390000	U
206-44-0-----Fluoranthene	310000	D
92-87-5-----Benzidine	80000	U
129-00-0-----Pyrene	320000	D
60-11-7-----p-Dimethylaminoazobenzene	80000	U
510-15-6-----Chlorobenzilate	80000	U
119-93-7-----3,3'-Dimethylbenzidine	160000	U
85-68-7-----Butylbenzylphthalate	80000	U
53-96-3-----2-Acetylaminofluorene	80000	U
101-14-4-----Methylene-bis(2-Chloroaniline	80000	U
91-94-1-----3,3'-Dichlorobenzidine	80000	U
106-51-4-----3,3'-Dimethoxybenzidine	80000	U
56-55-3-----Benzo(a)Anthracene	150000	D
218-01-9-----Chrysene	140000	D
117-81-7-----bis(2-Ethylhexyl) Phthalate	80000	U
117-84-0-----Di-n-Octyl Phthalate	80000	U
205-99-2-----Benzo(b) Fluoranthene	190000	DX
57-97-6-----7,12-Dimethylbenzanthracene	80000	U
207-08-9-----Benzo(k) Fluoranthene	190000	DX
50-32-8-----Benzo(a) Pyrene	110000	D
56-49-5-----3-Methylcholanthrene	80000	U
224-42-0-----Dibenzo(a, j) acridine	80000	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	45000	DJ
53-70-3-----Dibenz(a, h) Anthracene	25000	DJ
191-24-2-----Benzo(g, h, i) Perylene	48000	DJ

(1) - Cannot be separated from Diphenylamine

424392

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y060406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 425190

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GH025190A22

Level: (low/med) LOW Date Received: 06/12/91

% Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 06/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	410	U
110-86-1	Pyridine	410	U
97-63-2	Ethyl methacrylate	410	U
123-63-7	Paraldehyde	410	U
109-06-8	2-Picoline	820	U
10595-95-6	Nitrosomethylethylamine	410	U
66-27-3	Methyl methanesulfonate	410	U
108-95-2	Phenol	410	U
55-18-5	N-Nitrosodiethylamine	410	U
62-50-0	Ethyl methanesulfonate	410	U
62-53-3	Aniline	410	U
76-01-7	Pentachloroethane	410	U
111-44-4	bis(2-Chloroethyl) Ether	820	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
100-44-7	Benzyl Chloride	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
39638-32-9	bis(2-Chloroisopropyl) Ether	410	U
108-39-4	3-Methylphenol	410	U
106-44-5	4-Methylphenol	410	U
930-55-2	N-Nitrosopyrrolidine	410	U
59-89-2	N-Nitrosomorpholine	410	U
98-86-2	Acetophenone	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
636-21-5	o-Toluidine hydrochloride	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	100	J
100-75-4	N-Nitrosopiperidine	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	410	U
98-87-3-----	Benzal chloride	410	U
65-85-0-----	Benzoic Acid	4100	U
111-91-1-----	bis(2-Chloroethoxy)Methane	410	U
120-83-2-----	2,4-Dichlorophenol	410	U
120-82-1-----	1,2,4-Trichlorobenzene	410	U
91-20-3-----	Naphthalene	410	U
106-47-8-----	4-Chloroaniline	410	U
87-65-0-----	2,6-Dichlorophenol	820	U
95-54-5-----	o-Phenylenediamine	410	U
122-09-8-----	dimethylphenylethylamine	410	U
1888-71-7-----	Hexachloropropene	410	U
87-68-3-----	Hexachlorobutadiene	410	U
87-61-6-----	1,2,3-Trichlorobenzene	410	U
98-07-7-----	Benzotrichloride	820	U
924-16-3-----	N-Nitroso-di-n-butylamine	410	U
59-50-7-----	4-Chloro-3-Methylphenol	410	U
106-50-3-----	p-Phenylenediamine	410	U
94-59-7-----	Safrole	410	U
106-50-3-----	m-Phenylenediamine	410	U
91-57-6-----	2-Methylnaphthalene	410	U
90-12-0-----	1-Methylnaphthalene	410	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	410	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	410	U
77-47-4-----	Hexachlorocyclopentadiene	410	U
88-06-2-----	2,4,6-Trichlorophenol	820	U
95-95-4-----	2,4,5-Trichlorophenol	820	U
120-58-1-----	Isosafrole	820	U
91-58-7-----	2-Chloronaphthalene	410	U
90-13-1-----	1-Chloronaphthalene	410	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	410	U
88-74-4-----	2-Nitroaniline	410	U
130-15-4-----	1,4-Naphthoquinone	820	U
100-25-4-----	1,4-Dinitrobenzene	820	U
131-11-3-----	Dimethyl Phthalate	410	U
208-96-8-----	Acenaphthylene	410	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y060406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 425190  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GH025190A22  
 Level: (low/med) LOW Date Received: 06/12/91  
 % Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 06/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	820	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
608-93-5	Pentachlorobenzene	410	U
91-59-8	2-Naphthylamine	820	U
606-20-2	2,6-Dinitrotoluene	410	U
134-32-7	1-Naphthylamine	820	U
58-90-2	2,3,4,6-Tetrachlorophenol	820	U
84-66-2	Diethylphthalate	410	U
297-97-2	Zinophos	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	820	U
99-55-8	5-Nitro-o-toluidine	820	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
122-39-4	Diphenylamine	410	U
99-35-4	1,3,5-Trinitrobenzene	820	U
122-66-7	1,2-Diphenylhydrazine	410	U
62-44-2	Phenacetin	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
2303-16-4	Diallate	410	U
60-51-5	Dimethoate	410	U
118-74-1	Hexachlorobenzene	410	U
92-67-1	4-Aminobiphenyl	410	U
23950-58-5	Pronamide	410	U
87-86-5	Pentachlorophenol	820	U
82-68-8	Pentachloronitrobenzene	410	U
85-01-8	Phenanthrene	80	J
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	410	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	820	U
50-18-0-----	Cyclophosphamide	2000	U
206-44-0-----	Fluoranthene	180	J
92-87-5-----	Benzidine	410	U
129-00-0-----	Pyrene	210	J
60-11-7-----	p-Dimethylaminoazobenzene	410	U
510-15-6-----	Chlorobenzilate	410	U
119-93-7-----	3,3'-Dimethylbenzidine	820	U
85-68-7-----	Butylbenzylphthalate	410	U
53-96-3-----	2-Acetylaminofluorene	410	U
101-14-4-----	Methylene-bis(2-Chloroaniline	410	U
91-94-1-----	3,3'-Dichlorobenzidine	410	U
106-51-4-----	3,3'-Dimethoxybenzidine	410	U
56-55-3-----	Benzo(a)Anthracene	150	J
218-01-9-----	Chrysene	180	J
117-81-7-----	bis(2-Ethylhexyl)Phthalate	320	BJ
117-84-0-----	Di-n-Octyl Phthalate	410	U
205-99-2-----	Benzo(b)Fluoranthene	300	JX
57-97-6-----	7,12-Dimethylbenzanthracene	410	U
207-08-9-----	Benzo(k)Fluoranthene	300	JX
50-32-8-----	Benzo(a)Pyrene	180	J
56-49-5-----	3-Methylcholanthrene	410	U
224-42-0-----	Dibenzo(a,j)acridine	410	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	62	J
53-70-3-----	Dibenz(a,h)Anthracene	410	U
191-24-2-----	Benzo(g,h,i)Perylene	73	J

(1) - Cannot be separated from Diphenylamine

425190

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y070406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 424381  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD024381A22  
 Level: (low/med) LOW Date Received: 06/07/91  
 % Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 06/10/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/15/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	810	U
110-86-1	Pyridine	810	U
97-63-2	Ethyl methacrylate	810	U
123-63-7	Paraldehyde	810	U
109-06-8	2-Picoline	1600	U
10595-95-6	Nitrosomethylethylamine	810	U
66-27-3	Methyl methanesulfonate	810	U
108-95-2	Phenol	810	U
55-18-5	N-Nitrosodiethylamine	810	U
62-50-0	Ethyl methanesulfonate	810	U
62-53-3	Aniline	810	U
76-01-7	Pentachloroethane	810	U
111-44-4	bis(2-Chloroethyl) Ether	1600	U
95-57-8	2-Chlorophenol	810	U
541-73-1	1,3-Dichlorobenzene	810	U
100-44-7	Benzyl Chloride	810	U
106-46-7	1,4-Dichlorobenzene	810	U
100-51-6	Benzyl Alcohol	810	U
95-50-1	1,2-Dichlorobenzene	810	U
95-48-7	2-Methylphenol	810	U
39638-32-9	bis(2-Chloroisopropyl) Ether	810	U
108-39-4	3-Methylphenol	810	U
106-44-5	4-Methylphenol	810	U
930-55-2	N-Nitrosopyrrolidine	810	U
59-89-2	N-Nitrosomorpholine	810	U
98-86-2	Acetophenone	810	U
621-64-7	N-Nitroso-Di-n-Propylamine	810	U
636-21-5	o-Toluidine hydrochloride	810	U
67-72-1	Hexachloroethane	810	U
98-95-3	Nitrobenzene	810	U
100-75-4	N-Nitrosopiperidine	810	U
78-59-1	Isophorone	810	U
88-75-5	2-Nitrophenol	810	U
105-67-9	2,4-Dimethylphenol	810	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	810	U
98-87-3-----	Benzal chloride	810	U
65-85-0-----	Benzoic Acid	8100	U
111-91-1-----	bis(2-Chloroethoxy)Methane	810	U
120-83-2-----	2,4-Dichlorophenol	810	U
120-82-1-----	1,2,4-Trichlorobenzene	810	U
91-20-3-----	Naphthalene	120	J
106-47-8-----	4-Chloroaniline	810	U
87-65-0-----	2,6-Dichlorophenol	1600	U
95-54-5-----	o-Phenylenediamine	810	U
122-09-8-----	dimethylphenylethylamine	810	U
1888-71-7-----	Hexachloropropene	810	U
87-68-3-----	Hexachlorobutadiene	810	U
87-61-6-----	1,2,3-Trichlorobenzene	810	U
98-07-7-----	Benzotrichloride	1600	U
924-16-3-----	N-Nitroso-di-n-butylamine	810	U
59-50-7-----	4-Chloro-3-Methylphenol	810	U
106-50-3-----	P-Phenylenediamine	810	U
94-59-7-----	Safrole	810	U
106-50-3-----	m-Phenylenediamine	810	U
91-57-6-----	2-Methylnaphthalene	810	U
90-12-0-----	1-Methylnaphthalene	83	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	810	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	810	U
77-47-4-----	Hexachlorocyclopentadiene	810	U
88-06-2-----	2,4,6-Trichlorophenol	1600	U
95-95-4-----	2,4,5-Trichlorophenol	1600	U
120-58-1-----	Isosafrole	1600	U
91-58-7-----	2-Chloronaphthalene	810	U
90-13-1-----	1-Chloronaphthalene	810	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	810	U
88-74-4-----	2-Nitroaniline	810	U
130-15-4-----	1,4-Napthoquinone	1600	U
100-25-4-----	1,4-Dinitrobenzene	1600	U
131-11-3-----	Dimethyl Phthalate	810	U
208-96-8-----	Acenaphthylene	160	J

FORM I SV-1

1/87 Rev.

424381

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y070406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424381

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD024381A22

Level: (low/med) LOW Date Received: 06/07/91

% Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	120	J
51-28-5	2,4-Dinitrophenol	3200	U
100-02-7	4-Nitrophenol	810	U
132-64-9	Dibenzofuran	130	J
121-14-2	2,4-Dinitrotoluene	810	U
608-93-5	Pentachlorobenzene	810	U
91-59-8	2-Naphthylamine	1600	U
606-20-2	2,6-Dinitrotoluene	810	U
134-32-7	1-Naphthylamine	1600	U
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U
84-66-2	Diethylphthalate	810	U
297-97-2	Zinophos	810	U
7005-72-3	4-Chlorophenyl-phenylether	810	U
86-73-7	Fluorene	190	J
100-01-6	4-Nitroaniline	1600	U
99-55-8	5-Nitro-o-toluidine	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	2400	U
86-30-6	N-Nitrosodiphenylamine (1)	810	U
122-39-4	Diphenylamine	810	U
99-35-4	1,3,5-Trinitrobenzene	1600	U
122-66-7	1,2-Diphenylhydrazine	810	U
62-44-2	Phenacetin	810	U
101-55-3	4-Bromophenyl-phenylether	810	U
2303-16-4	Diallate	810	U
60-51-5	Dimethoate	810	U
118-74-1	Hexachlorobenzene	810	U
92-67-1	4-Aminobiphenyl	810	U
23950-58-5	Pronamide	810	U
87-86-5	Pentachlorophenol	1600	U
82-68-8	Pentachloronitrobenzene	810	U
85-01-8	Phenanthrene	2600	U
120-12-7	Anthracene	680	J
84-74-2	Di-n-Butylphthalate	110	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	1600	U
50-18-0-----Cyclophosphamide	4000	U
206-44-0-----Fluoranthene	4200	
92-87-5-----Benzidine	810	U
129-00-0-----Pyrene	4400	
60-11-7-----p-Dimethylaminoazobenzene	810	U
510-15-6-----Chlorobenzilate	810	U
119-93-7-----3,3'-Dimethylbenzidine	1600	U
85-68-7-----Butylbenzylphthalate	810	U
53-96-3-----2-Acetylaminofluorene	810	U
101-14-4-----Methylene-bis(2-Chloroaniline	810	U
91-94-1-----3,3'-Dichlorobenzidine	810	U
106-51-4-----3,3'-Dimethoxybenzidine	810	U
56-55-3-----Benzo(a) Anthracene	2500	
218-01-9-----Chrysene	2300	
117-81-7-----bis(2-Ethylhexyl) Phthalate	600	BJ
117-84-0-----Di-n-Octyl Phthalate	810	U
205-99-2-----Benzo(b) Fluoranthene	2000	
57-97-6-----7,12-Dimethylbenzanthracene	810	U
207-08-9-----Benzo(k) Fluoranthene	4600	
50-32-8-----Benzo(a) Pyrene	2800	
56-49-5-----3-Methylcholanthrene	98	J
224-42-0-----Dibenzo(a, j) acridine	810	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	1100	
53-70-3-----Dibenz(a, h) Anthracene	470	J
191-24-2-----Benzo(g, h, i) Perylene	1100	

(1) - Cannot be separated from Diphenylamine

424381

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y080204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 425629

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GH025629A22

Level: (low/med) LOW Date Received: 06/13/91

% Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 06/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/22/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9-----N-Nitrosodimethylamine	370	U
110-86-1-----Pyridine	370	U
97-63-2-----Ethyl methacrylate	370	U
123-63-7-----Paraldehyde	370	U
109-06-8-----2-Picoline	740	U
10595-95-6-----Nitrosomethylethylamine	370	U
66-27-3-----Methyl methanesulfonate	370	U
108-95-2-----Phenol	370	U
55-18-5-----N-Nitrosodiethylamine	370	U
62-50-0-----Ethyl methanesulfonate	370	U
62-53-3-----Aniline	370	U
76-01-7-----Pentachloroethane	370	U
111-44-4-----bis(2-Chloroethyl)Ether	740	U
95-57-8-----2-Chlorophenol	370	U
541-73-1-----1,3-Dichlorobenzene	370	U
100-44-7-----Benzyl Chloride	370	U
106-46-7-----1,4-Dichlorobenzene	370	U
100-51-6-----Benzyl Alcohol	370	U
95-50-1-----1,2-Dichlorobenzene	58	J
95-48-7-----2-Methylphenol	370	U
39638-32-9-----bis(2-Chloroisopropyl)Ether	370	U
108-39-4-----3-Methylphenol	46	JX
106-44-5-----4-Methylphenol	46	JX
930-55-2-----N-Nitrosopyrrolidine	370	U
59-89-2-----N-Nitrosomorpholine	370	U
98-86-2-----Acetophenone	370	U
621-64-7-----N-Nitroso-Di-n-Propylamine	370	U
636-21-5-----o-Toluidine hydrochloride	370	U
67-72-1-----Hexachloroethane	370	U
98-95-3-----Nitrobenzene	370	U
100-75-4-----N-Nitrosopiperidine	370	U
78-59-1-----Isophorone	370	U
88-75-5-----2-Nitrophenol	370	U
105-67-9-----2,4-Dimethylphenol	53	J

FORM I SV-1

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	370	U
98-87-3-----Benzal chloride	370	U
65-85-0-----Benzoic Acid	3700	U
111-91-1-----bis(2-Chloroethoxy)Methane	370	U
120-83-2-----2,4-Dichlorophenol	370	U
120-82-1-----1,2,4-Trichlorobenzene	370	U
91-20-3-----Naphthalene	66	J
106-47-8-----4-Chloroaniline	370	U
87-65-0-----2,6-Dichlorophenol	740	U
95-54-5-----o-Phenylenediamine	370	U
122-09-8-----dimethylphenylethylamine	370	U
1888-71-7-----Hexachloropropene	370	U
87-68-3-----Hexachlorobutadiene	370	U
87-61-6-----1,2,3-Trichlorobenzene	370	U
98-07-7-----Benzotrichloride	740	U
924-16-3-----N-Nitroso-di-n-butylamine	370	U
59-50-7-----4-Chloro-3-Methylphenol	370	U
106-50-3-----P-Phenylenediamine	370	U
94-59-7-----Safrole	370	U
106-50-3-----m-Phenylenediamine	370	U
91-57-6-----2-Methylnaphthalene	49	J
90-12-0-----1-Methylnaphthalene	81	J
95-94-3-----1,2,4,5-Tetrachlorobenzene	370	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	370	U
77-47-4-----Hexachlorocyclopentadiene	370	U
88-06-2-----2,4,6-Trichlorophenol	740	U
95-95-4-----2,4,5-Trichlorophenol	740	U
120-58-1-----Isosafrole	740	U
91-58-7-----2-Chloronaphthalene	370	U
90-13-1-----1-Chloronaphthalene	370	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	370	U
88-74-4-----2-Nitroaniline	370	U
130-15-4-----1,4-Naphthoquinone	740	U
100-25-4-----1,4-Dinitrobenzene	740	U
131-11-3-----Dimethyl Phthalate	370	U
208-96-8-----Acenaphthylene	370	U

425629

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y080204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 425629

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GH025629A22

Level: (low/med) LOW Date Received: 06/13/91

% Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 06/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/22/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	740	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	370	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
608-93-5	Pentachlorobenzene	370	U
91-59-8	2-Naphthylamine	740	U
606-20-2	2,6-Dinitrotoluene	370	U
134-32-7	1-Naphthylamine	740	U
58-90-2	2,3,4,6-Tetrachlorophenol	740	U
84-66-2	Diethylphthalate	370	U
297-97-2	Zinophos	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	740	U
99-55-8	5-Nitro-o-toluidine	740	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
122-39-4	Diphenylamine	370	U
99-35-4	1,3,5-Trinitrobenzene	740	U
122-66-7	1,2-Diphenylhydrazine	370	U
62-44-2	Phenacetin	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
2303-16-4	Diallate	370	U
60-51-5	Dimethoate	370	U
118-74-1	Hexachlorobenzene	370	U
92-67-1	4-Aminobiphenyl	370	U
23950-58-5	Pronamide	370	U
87-86-5	Pentachlorophenol	740	U
82-68-8	Pentachloronitrobenzene	370	U
85-01-8	Phenanthrene	800	U
120-12-7	Anthracene	130	J
84-74-2	Di-n-Butylphthalate	52	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	740	U
50-18-0-----Cyclophosphamide	1800	U
206-44-0-----Fluoranthene	2300	
92-87-5-----Benzidine	370	U
129-00-0-----Pyrene	2600	
60-11-7-----p-Dimethylaminoazobenzene	370	U
510-15-6-----Chlorobenzilate	370	U
119-93-7-----3,3'-Dimethylbenzidine	740	U
85-68-7-----Butylbenzylphthalate	370	U
53-96-3-----2-Acetylaminofluorene	370	U
101-14-4-----Methylene-bis(2-Chloroaniline	370	U
91-94-1-----3,3'-Dichlorobenzidine	370	U
106-51-4-----3,3'-Dimethoxybenzidine	370	U
56-55-3-----Benzo(a)Anthracene	2100	
218-01-9-----Chrysene	2900	
117-81-7-----bis(2-Ethylhexyl)Phthalate	450	B
117-84-0-----Di-n-Octyl Phthalate	68	J
205-99-2-----Benzo(b)Fluoranthene	5300	X
57-97-6-----7,12-Dimethylbenzanthracene	370	U
207-08-9-----Benzo(k)Fluoranthene	5300	X
50-32-8-----Benzo(a)Pyrene	1600	
56-49-5-----3-Methylcholanthrene	370	U
224-42-0-----Dibenzo(a,j)acridine	370	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	1100	
53-70-3-----Dibenz(a,h)Anthracene	560	
191-24-2-----Benzo(g,h,i)Perylene	1300	

(1) - Cannot be separated from Diphenylamine

425629

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y090406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 424455  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH024455C22  
 Level: (low/med) LOW Date Received: 06/08/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 06/10/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	380	U
110-86-1	Pyridine	380	U
97-63-2	Ethyl methacrylate	380	U
123-63-7	Paraldehyde	380	U
109-06-8	2-Picoline	770	U
10595-95-6	Nitrosomethylethylamine	380	U
66-27-3	Methyl methanesulfonate	380	U
108-95-2	Phenol	53	J
55-18-5	N-Nitrosodiethylamine	380	U
62-50-0	Ethyl methanesulfonate	380	U
62-53-3	Aniline	42	J
76-01-7	Pentachloroethane	380	U
111-44-4	bis(2-Chloroethyl) Ether	770	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	300	J
100-44-7	Benzyl Chloride	380	U
106-46-7	1,4-Dichlorobenzene	760	
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	97	J
95-48-7	2-Methylphenol	42	J
39638-32-9	bis(2-Chloroisopropyl) Ether	380	U
108-39-4	3-Methylphenol	51	JX
106-44-5	4-Methylphenol	51	JX
930-55-2	N-Nitrosopyrrolidine	380	U
59-89-2	N-Nitrosomorpholine	380	U
98-86-2	Acetophenone	110	J
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
636-21-5	o-Toluidine hydrochloride	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
100-75-4	N-Nitrosopiperidine	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	380	U
98-87-3-----	Benzal chloride	380	U
65-85-0-----	Benzoic Acid	3800	U
111-91-1-----	bis(2-Chloroethoxy)Methane	380	U
120-83-2-----	2,4-Dichlorophenol	380	U
120-82-1-----	1,2,4-Trichlorobenzene	350	J
91-20-3-----	Naphthalene	460	
106-47-8-----	4-Chloroaniline	380	U
87-65-0-----	2,6-Dichlorophenol	770	U
95-54-5-----	o-Phenylenediamine	380	U
122-09-8-----	dimethylphenylethylamine	380	U
1888-71-7-----	Hexachloropropene	380	U
87-68-3-----	Hexachlorobutadiene	380	U
87-61-6-----	1,2,3-Trichlorobenzene	250	J
98-07-7-----	Benzotrichloride	770	U
924-16-3-----	N-Nitroso-di-n-butylamine	380	U
59-50-7-----	4-Chloro-3-Methylphenol	380	U
106-50-3-----	P-Phenylenediamine	380	U
94-59-7-----	Safrole	380	U
106-50-3-----	m-Phenylenediamine	380	U
91-57-6-----	2-Methylnaphthalene	600	
90-12-0-----	1-Methylnaphthalene	1000	
95-94-3-----	1,2,4,5-Tetrachlorobenzene	97	JX
634-90-2-----	1,2,3,5-Tetrachlorobenzene	97	JX
77-47-4-----	Hexachlorocyclopentadiene	380	U
88-06-2-----	2,4,6-Trichlorophenol	770	U
95-95-4-----	2,4,5-Trichlorophenol	770	U
120-58-1-----	Isosafrole	770	U
91-58-7-----	2-Chloronaphthalene	380	U
90-13-1-----	1-Chloronaphthalene	380	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	180	JX
88-74-4-----	2-Nitroaniline	380	U
130-15-4-----	1,4-Naphthoquinone	770	U
100-25-4-----	1,4-Dinitrobenzene	770	U
131-11-3-----	Dimethyl Phthalate	380	U
208-96-8-----	Acenaphthylene	210	J

7/29/11

424455

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y090406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 424455  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH024455C22  
 Level: (low/med) LOW Date Received: 06/08/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 06/10/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	770	U
83-32-9	Acenaphthene	250	J
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	310	J
121-14-2	2,4-Dinitrotoluene	380	U
608-93-5	Pentachlorobenzene	380	U
91-59-8	2-Naphthylamine	770	U
606-20-2	2,6-Dinitrotoluene	380	U
134-32-7	1-Naphthylamine	770	U
58-90-2	2,3,4,6-Tetrachlorophenol	770	U
84-66-2	Diethylphthalate	380	U
297-97-2	Zinophos	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	540	
100-01-6	4-Nitroaniline	770	U
99-55-8	5-Nitro-o-toluidine	770	U
534-52-1	4,6-Dinitro-2-Methylphenol	81	J
86-30-6	N-Nitrosodiphenylamine (1)	1100	
122-39-4	Diphenylamine	1100	
99-35-4	1,3,5-Trinitrobenzene	100	J
122-66-7	1,2-Diphenylhydrazine	380	U
62-44-2	Phenacetin	59	J
101-55-3	4-Bromophenyl-phenylether	380	U
2303-16-4	Diallate	380	U
60-51-5	Dimethoate	830	
118-74-1	Hexachlorobenzene	380	U
92-67-1	4-Aminobiphenyl	340	J
23950-58-5	Pronamide	210	J
87-86-5	Pentachlorophenol	300	J
82-68-8	Pentachloronitrobenzene	160	J
85-01-8	Phenanthrene	2200	
120-12-7	Anthracene	2100	
84-74-2	Di-n-Butylphthalate	380	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	610	J
50-18-0-----Cyclophosphamide	1000	J
206-44-0-----Fluoranthene	1400	
92-87-5-----Benzidine	2300	
129-00-0-----Pyrene	1800	
60-11-7-----p-Dimethylaminoazobenzene	390	
510-15-6-----Chlorobenzilate	320	J
119-93-7-----3,3'-Dimethylbenzidine	100	J
85-68-7-----Butylbenzylphthalate	320	J
53-96-3-----2-Acetylaminofluorene	160	J
101-14-4-----Methylene-bis(2-Chloroaniline)	380	U
91-94-1-----3,3'-Dichlorobenzidine	400	
106-51-4-----3,3'-Dimethoxybenzidine	210	J
56-55-3-----Benzo(a)Anthracene	710	
218-01-9-----Chrysene	770	
117-81-7-----bis(2-Ethylhexyl)Phthalate	360	BJ
117-84-0-----Di-n-Octyl Phthalate	42	J
205-99-2-----Benzo(b)Fluoranthene	1100	
57-97-6-----7,12-Dimethylbenzanthracene	65	J
207-08-9-----Benzo(k)Fluoranthene	380	U
50-32-8-----Benzo(a)Pyrene	720	
56-49-5-----3-Methylcholanthrene	380	U
224-42-0-----Dibenzo(a,j)acridine	380	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	390	
53-70-3-----Dibenz(a,h)Anthracene	190	J
191-24-2-----Benzo(g,h,i)Perylene	440	

(1) - Cannot be separated from Diphenylamine

424455

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y100204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428013

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028013C22

Level: (low/med) LOW Date Received: 06/21/91

% Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	380	U
110-86-1	Pyridine	380	U
97-63-2	Ethyl methacrylate	380	U
123-63-7	Paraldehyde	380	U
109-06-8	2-Picoline	760	U
10595-95-6	Nitrosomethylethylamine	380	U
66-27-3	Methyl methanesulfonate	380	U
108-95-2	Phenol	130	J
55-18-5	N-Nitrosodiethylamine	380	U
62-50-0	Ethyl methanesulfonate	380	U
62-53-3	Aniline	100	J
76-01-7	Pentachloroethane	380	U
111-44-4	bis(2-Chloroethyl) Ether	760	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	1300	
100-44-7	Benzyl Chloride	380	U
106-46-7	1,4-Dichlorobenzene	2600	
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	150	J
95-48-7	2-Methylphenol	380	U
39638-32-9	bis(2-Chloroisopropyl) Ether	380	U
108-39-4	3-Methylphenol	360	JX
106-44-5	4-Methylphenol	360	JX
930-55-2	N-Nitrosopyrrolidine	380	U
59-89-2	N-Nitrosomorpholine	380	U
98-86-2	Acetophenone	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
636-21-5	o-Toluidine hydrochloride	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
100-75-4	N-Nitrosopiperidine	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	95	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3	-----1,3,5-Trichlorobenzene	120	J
98-87-3	-----Benzal chloride	380	U
65-85-0	-----Benzoic Acid	3800	U
111-91-1	-----bis(2-Chloroethoxy)Methane	380	U
120-83-2	-----2,4-Dichlorophenol	380	U
120-82-1	-----1,2,4-Trichlorobenzene	290	J
91-20-3	-----Naphthalene	98	J
106-47-8	-----4-Chloroaniline	380	U
87-65-0	-----2,6-Dichlorophenol	760	U
95-54-5	-----o-Phenylenediamine	380	U
122-09-8	-----dimethylphenylethylamine	380	U
1888-71-7	-----Hexachloropropene	380	U
87-68-3	-----Hexachlorobutadiene	380	U
87-61-6	-----1,2,3-Trichlorobenzene	63	J
98-07-7	-----Benzotrichloride	760	U
924-16-3	-----N-Nitroso-di-n-butylamine	380	U
59-50-7	-----4-Chloro-3-Methylphenol	380	U
106-50-3	-----P-Phenylenediamine	380	U
94-59-7	-----Safrole	380	U
106-50-3	-----m-Phenylenediamine	380	U
91-57-6	-----2-Methylnaphthalene	86	J
90-12-0	-----1-Methylnaphthalene	120	J
95-94-3	-----1,2,4,5-Tetrachlorobenzene	380	U
634-90-2	-----1,2,3,5-Tetrachlorobenzene	380	U
77-47-4	-----Hexachlorocyclopentadiene	380	U
88-06-2	-----2,4,6-Trichlorophenol	760	U
95-95-4	-----2,4,5-Trichlorophenol	760	U
120-58-1	-----Isosafrole	760	U
91-58-7	-----2-Chloronaphthalene	380	U
90-13-1	-----1-Chloronaphthalene	380	U
634-66-2	-----1,2,3,4-Tetrachlorobenzene	300	J
88-74-4	-----2-Nitroaniline	380	U
130-15-4	-----1,4-Naphthoquinone	760	U
100-25-4	-----1,4-Dinitrobenzene	760	U
131-11-3	-----Dimethyl Phthalate	380	U
208-96-8	-----Acenaphthylene	380	U

FORM I SV-1

1/87 Rev.

427 013

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y100204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428013

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028013C22

Level: (low/med) LOW Date Received: 06/21/91

% Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	760	U
83-32-9	Acenaphthene	850	
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	630	
121-14-2	2,4-Dinitrotoluene	380	U
608-93-5	Pentachlorobenzene	190	J
91-59-8	2-Naphthylamine	760	U
606-20-2	2,6-Dinitrotoluene	380	U
134-32-7	1-Naphthylamine	760	U
58-90-2	2,3,4,6-Tetrachlorophenol	760	U
84-66-2	Diethylphthalate	380	U
297-97-2	Zinophos	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	1100	
100-01-6	4-Nitroaniline	760	U
99-55-8	5-Nitro-o-toluidine	760	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
122-39-4	Diphenylamine	380	U
99-35-4	1,3,5-Trinitrobenzene	760	U
122-66-7	1,2-Diphenylhydrazine	380	U
62-44-2	Phenacetin	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
2303-16-4	Diallate	380	U
60-51-5	Dimethoate	380	U
118-74-1	Hexachlorobenzene	380	U
92-67-1	4-Aminobiphenyl	380	U
23950-58-5	Pronamide	380	U
87-86-5	Pentachlorophenol	760	U
82-68-8	Pentachloronitrobenzene	380	U
85-01-8	Phenanthrene	6100	
120-12-7	Anthracene	1400	
84-74-2	Di-n-Butylphthalate	380	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	760	U
50-18-0-----Cyclophosphamide	1800	U
206-44-0-----Fluoranthene	5200	
92-87-5-----Benzidine	380	U
129-00-0-----Pyrene	4000	
60-11-7-----p-Dimethylaminoazobenzene	380	U
510-15-6-----Chlorobenzilate	380	U
119-93-7-----3,3'-Dimethylbenzidine	760	U
85-68-7-----Butylbenzylphthalate	380	U
53-96-3-----2-Acetylaminofluorene	380	U
101-14-4-----Methylene-bis(2-Chloroaniline)	380	U
91-94-1-----3,3'-Dichlorobenzidine	380	U
106-51-4-----3,3'-Dimethoxybenzidine	380	U
56-55-3-----Benzo(a)Anthracene	2200	
218-01-9-----Chrysene	2800	
117-81-7-----bis(2-Ethylhexyl) Phthalate	380	U
117-84-0-----Di-n-Octyl Phthalate	380	U
205-99-2-----Benzo(b) Fluoranthene	3900	X
57-97-6-----7,12-Dimethylbenzanthracene	380	U
207-08-9-----Benzo(k) Fluoranthene	3900	X
50-32-8-----Benzo(a) Pyrene	2000	
56-49-5-----3-Methylcholanthrene	380	U
224-42-0-----Dibenzo(a, j) acridine	380	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	700	
53-70-3-----Dibenz(a, h) Anthracene	360	J
191-24-2-----Benzo(g, h, i) Perylene	620	

(1) - Cannot be separated from Diphenylamine

428013

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y110204

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 425642  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH025642A22  
 Level: (low/med) LOW Date Received: 06/13/91  
 % Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 06/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/23/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	420	U
110-86-1	Pyridine	420	U
97-63-2	Ethyl methacrylate	420	U
123-63-7	Paraldehyde	420	U
109-06-8	2-Picoline	840	U
10595-95-6	Nitrosomethylethylamine	420	U
66-27-3	Methyl methanesulfonate	420	U
108-95-2	Phenol	420	U
55-18-5	N-Nitrosodiethylamine	420	U
62-50-0	Ethyl methanesulfonate	420	U
62-53-3	Aniline	420	U
76-01-7	Pentachloroethane	420	U
111-44-4	bis(2-Chloroethyl) Ether	840	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
100-44-7	Benzyl Chloride	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
39638-32-9	bis(2-Chloroisopropyl) Ether	420	U
108-39-4	3-Methylphenol	420	U
106-44-5	4-Methylphenol	420	U
930-55-2	N-Nitrosopyrrolidine	420	U
59-89-2	N-Nitrosomorpholine	420	U
98-86-2	Acetophenone	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
636-21-5	o-Toluidine hydrochloride	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
100-75-4	N-Nitrosopiperidine	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	420	U
98-87-3-----	Benzal chloride	420	U
65-85-0-----	Benzoic Acid	66	J
111-91-1-----	bis(2-Chloroethoxy)Methane	420	U
120-83-2-----	2,4-Dichlorophenol	420	U
120-82-1-----	1,2,4-Trichlorobenzene	420	U
91-20-3-----	Naphthalene	93	J
106-47-8-----	4-Chloroaniline	420	U
87-65-0-----	2,6-Dichlorophenol	840	U
95-54-5-----	o-Phenylenediamine	420	U
122-09-8-----	dimethylphenylethylamine	420	U
1888-71-7-----	Hexachloropropene	420	U
87-68-3-----	Hexachlorobutadiene	420	U
87-61-6-----	1,2,3-Trichlorobenzene	420	U
98-07-7-----	Benzotrichloride	840	U
924-16-3-----	N-Nitroso-di-n-butylamine	420	U
59-50-7-----	4-Chloro-3-Methylphenol	420	U
106-50-3-----	p-Phenylenediamine	420	U
94-59-7-----	Safrole	420	U
106-50-3-----	m-Phenylenediamine	420	U
91-57-6-----	2-Methylnaphthalene	420	U
90-12-0-----	1-Methylnaphthalene	420	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	420	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	420	U
77-47-4-----	Hexachlorocyclopentadiene	420	U
88-06-2-----	2,4,6-Trichlorophenol	840	U
95-95-4-----	2,4,5-Trichlorophenol	840	U
120-58-1-----	Isosafrole	840	U
91-58-7-----	2-Chloronaphthalene	420	U
90-13-1-----	1-Chloronaphthalene	420	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	420	U
88-74-4-----	2-Nitroaniline	420	U
130-15-4-----	1,4-Naphthoquinone	840	U
100-25-4-----	1,4-Dinitrobenzene	840	U
131-11-3-----	Dimethyl Phthalate	420	U
208-96-8-----	Acenaphthylene	420	U

FORM I SV-1

1/87 Rev.

425642

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y110204

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 425642  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH025642A22  
 Level: (low/med) LOW Date Received: 06/13/91  
 % Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 06/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/23/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	840	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	420	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
608-93-5	Pentachlorobenzene	420	U
91-59-8	2-Naphthylamine	840	U
606-20-2	2,6-Dinitrotoluene	420	U
134-32-7	1-Naphthylamine	840	U
58-90-2	2,3,4,6-Tetrachlorophenol	840	U
84-66-2	Diethylphthalate	420	U
297-97-2	Zinophos	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	49	J
100-01-6	4-Nitroaniline	840	U
99-55-8	5-Nitro-o-toluidine	840	U
534-52-1	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
122-39-4	Diphenylamine	420	U
99-35-4	1,3,5-Trinitrobenzene	840	U
122-66-7	1,2-Diphenylhydrazine	420	U
62-44-2	Phenacetin	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
2303-16-4	Diallate	420	U
60-51-5	Dimethoate	420	U
118-74-1	Hexachlorobenzene	420	U
92-67-1	4-Aminobiphenyl	420	U
23950-58-5	Pronamide	420	U
87-86-5	Pentachlorophenol	840	U
82-68-8	Pentachloronitrobenzene	420	U
85-01-8	Phenanthrene	530	
120-12-7	Anthracene	110	J
84-74-2	Di-n-Butylphthalate	43	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	840	U
50-18-0-----	Cyclophosphamide	2000	U
206-44-0-----	Fluoranthene	880	
92-87-5-----	Benzidine	420	U
129-00-0-----	Pyrene	1100	
60-11-7-----	p-Dimethylaminoazobenzene	420	U
510-15-6-----	Chlorobenzilate	420	U
119-93-7-----	3,3'-Dimethylbenzidine	840	U
85-68-7-----	Butylbenzylphthalate	420	U
53-96-3-----	2-Acetylaminofluorene	420	U
101-14-4-----	Methylene-bis(2-Chloroaniline	420	U
91-94-1-----	3,3'-Dichlorobenzidine	420	U
106-51-4-----	3,3'-Dimethoxybenzidine	420	U
56-55-3-----	Benzo(a)Anthracene	600	
218-01-9-----	Chrysene	630	
117-81-7-----	bis(2-Ethylhexyl) Phthalate	410	BJ
117-84-0-----	Di-n-Octyl Phthalate	120	J
205-99-2-----	Benzo(b) Fluoranthene	1000	X
57-97-6-----	7,12-Dimethylbenzanthracene	420	U
207-08-9-----	Benzo(k) Fluoranthene	1000	X
50-32-8-----	Benzo(a) Pyrene	590	
56-49-5-----	3-Methylcholanthrene	420	U
224-42-0-----	Dibenzo(a, j) acridine	420	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	300	J
53-70-3-----	Dibenz(a, h) Anthracene	160	J
191-24-2-----	Benzo(g, h, i) Perylene	330	J

(1) - Cannot be separated from Diphenylamine

425642

FORM I SV-3

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	360	U
98-87-3-----	Benzal chloride	360	U
65-85-0-----	Benzoic Acid	3600	U
111-91-1-----	bis(2-Chloroethoxy)Methane	360	U
120-83-2-----	2,4-Dichlorophenol	360	U
120-82-1-----	1,2,4-Trichlorobenzene	360	U
91-20-3-----	Naphthalene	360	U
106-47-8-----	4-Chloroaniline	360	U
87-65-0-----	2,6-Dichlorophenol	720	U
95-54-5-----	o-Phenylenediamine	360	U
122-09-8-----	dimethylphenylethylamine	360	U
1888-71-7-----	Hexachloropropene	360	U
87-68-3-----	Hexachlorobutadiene	360	U
87-61-6-----	1,2,3-Trichlorobenzene	360	U
98-07-7-----	Benzotrichloride	720	U
924-16-3-----	N-Nitroso-di-n-butylamine	360	U
59-50-7-----	4-Chloro-3-Methylphenol	360	U
106-50-3-----	p-Phenylenediamine	360	U
94-59-7-----	Safrole	360	U
106-50-3-----	m-Phenylenediamine	360	U
91-57-6-----	2-Methylnaphthalene	360	U
90-12-0-----	1-Methylnaphthalene	360	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	360	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	360	U
77-47-4-----	Hexachlorocyclopentadiene	360	U
88-06-2-----	2,4,6-Trichlorophenol	720	U
95-95-4-----	2,4,5-Trichlorophenol	720	U
120-58-1-----	Isosafrole	720	U
91-58-7-----	2-Chloronaphthalene	360	U
90-13-1-----	1-Chloronaphthalene	360	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	360	U
88-74-4-----	2-Nitroaniline	360	U
130-15-4-----	1,4-Naphthoquinone	720	U
100-25-4-----	1,4-Dinitrobenzene	720	U
131-11-3-----	Dimethyl Phthalate	360	U
208-96-8-----	Acenaphthylene	360	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y120204

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 425612  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GR025612C04  
 Level: (low/med) LOW Date Received: 06/13/91  
 % Moisture: not dec. 9 dec. \_\_\_\_\_ Date Extracted: 06/27/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	720	U
83-32-9-----	Acenaphthene	360	U
51-28-5-----	2,4-Dinitrophenol	1400	U
100-02-7-----	4-Nitrophenol	360	U
132-64-9-----	Dibenzofuran	360	U
121-14-2-----	2,4-Dinitrotoluene	360	U
608-93-5-----	Pentachlorobenzene	360	U
91-59-8-----	2-Naphthylamine	720	U
606-20-2-----	2,6-Dinitrotoluene	360	U
134-32-7-----	1-Naphthylamine	720	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	720	U
84-66-2-----	Diethylphthalate	360	U
297-97-2-----	Zinophos	360	U
7005-72-3-----	4-Chlorophenyl-phenylether	360	U
86-73-7-----	Fluorene	360	U
100-01-6-----	4-Nitroaniline	720	U
99-55-8-----	5-Nitro-o-toluidine	720	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6-----	N-Nitrosodiphenylamine (1)	360	U
122-39-4-----	Diphenylamine	360	U
99-35-4-----	1,3,5-Trinitrobenzene	720	U
122-66-7-----	1,2-Diphenylhydrazine	360	U
62-44-2-----	Phenacetin	360	U
101-55-3-----	4-Bromophenyl-phenylether	360	U
2303-16-4-----	Diallate	360	U
60-51-5-----	Dimethoate	360	U
118-74-1-----	Hexachlorobenzene	360	U
92-67-1-----	4-Aminobiphenyl	360	U
23950-58-5-----	Pronamide	360	U
87-86-5-----	Pentachlorophenol	720	U
82-68-8-----	Pentachloronitrobenzene	360	U
85-01-8-----	Phenanthrene	360	U
120-12-7-----	Anthracene	360	U
84-74-2-----	Di-n-Butylphthalate	360	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	720	U
50-18-0-----Cyclophosphamide	1700	U
206-44-0-----Fluoranthene	360	U
92-87-5-----Benzidine	360	U
129-00-0-----Pyrene	360	U
60-11-7-----p-Dimethylaminoazobenzene	360	U
510-15-6-----Chlorobenzilate	360	U
119-93-7-----3,3'-Dimethylbenzidine	720	U
85-68-7-----Butylbenzylphthalate	360	U
53-96-3-----2-Acetylamino fluorene	360	U
101-14-4-----Methylene-bis(2-Chloroaniline	360	U
91-94-1-----3,3'-Dichlorobenzidine	360	U
106-51-4-----3,3'-Dimethoxybenzidine	360	U
56-55-3-----Benzo(a) Anthracene	360	U
218-01-9-----Chrysene	360	U
117-81-7-----bis(2-Ethylhexyl) Phthalate	110	BJ
117-84-0-----Di-n-Octyl Phthalate	360	U
205-99-2-----Benzo(b) Fluoranthene	360	U
57-97-6-----7,12-Dimethylbenzanthracene	360	U
207-08-9-----Benzo(k) Fluoranthene	360	U
50-32-8-----Benzo(a) Pyrene	360	U
56-49-5-----3-Methylcholanthrene	360	U
224-42-0-----Dibenzo(a,j) acridine	360	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	360	U
53-70-3-----Dibenz(a,h) Anthracene	360	U
191-24-2-----Benzo(g,h,i) Perylene	360	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

425612

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y130204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 426215

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH026215B06

Level: (low/med) LOW Date Received: 06/15/91

% Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 06/19/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/21/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	400	U
110-86-1	Pyridine	400	U
97-63-2	Ethyl methacrylate	400	U
123-63-7	Paraldehyde	400	U
109-06-8	2-Picoline	810	U
10595-95-6	Nitrosomethylethylamine	400	U
66-27-3	Methyl methanesulfonate	400	U
108-95-2	Phenol	400	U
55-18-5	N-Nitrosodiethylamine	400	U
62-50-0	Ethyl methanesulfonate	400	U
62-53-3	Aniline	400	U
76-01-7	Pentachloroethane	400	U
111-44-4	bis(2-Chloroethyl) Ether	810	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
100-44-7	Benzyl Chloride	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
39638-32-9	bis(2-Chloroisopropyl) Ether	400	U
108-39-4	3-Methylphenol	400	U
106-44-5	4-Methylphenol	400	U
930-55-2	N-Nitrosopyrrolidine	400	U
59-89-2	N-Nitrosomorpholine	400	U
98-86-2	Acetophenone	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
636-21-5	o-Toluidine hydrochloride	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
100-75-4	N-Nitrosopiperidine	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.



108-70-3-----	1,3,5-Trichlorobenzene	400	U
98-87-3-----	Benzal chloride	400	U
65-85-0-----	Benzoic Acid	4000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	400	U
120-83-2-----	2,4-Dichlorophenol	400	U
120-82-1-----	1,2,4-Trichlorobenzene	400	U
91-20-3-----	Naphthalene	95	J
106-47-8-----	4-Chloroaniline	400	U
87-65-0-----	2,6-Dichlorophenol	810	U
95-54-5-----	o-Phenylenediamine	400	U
122-09-8-----	dimethylphenylethylamine	400	U
1888-71-7-----	Hexachloropropene	400	U
87-68-3-----	Hexachlorobutadiene	400	U
87-61-6-----	1,2,3-Trichlorobenzene	400	U
98-07-7-----	Benzotrichloride	810	U
924-16-3-----	N-Nitroso-di-n-butylamine	400	U
59-50-7-----	4-Chloro-3-Methylphenol	400	U
106-50-3-----	p-Phenylenediamine	400	U
94-59-7-----	Safrole	400	U
106-50-3-----	m-Phenylenediamine	400	U
91-57-6-----	2-Methylnaphthalene	68	J
90-12-0-----	1-Methylnaphthalene	100	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	400	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	400	U
77-47-4-----	Hexachlorocyclopentadiene	400	U
88-06-2-----	2,4,6-Trichlorophenol	810	U
95-95-4-----	2,4,5-Trichlorophenol	810	U
120-58-1-----	Isosafrole	810	U
91-58-7-----	2-Chloronaphthalene	400	U
90-13-1-----	1-Chloronaphthalene	400	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	400	U
88-74-4-----	2-Nitroaniline	400	U
130-15-4-----	1,4-Naphthoquinone	810	U
100-25-4-----	1,4-Dinitrobenzene	810	U
131-11-3-----	Dimethyl Phthalate	400	U
208-96-8-----	Acenaphthylene	400	U

FORM I SV-1

1/87 Rev.

426215

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y130204

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 426215  
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH026215B06  
 Level: (low/med) LOW Date Received: 06/15/91  
 % Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 06/19/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/21/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	68	J
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	400	U
132-64-9	Dibenzofuran	51	J
121-14-2	2,4-Dinitrotoluene	400	U
608-93-5	Pentachlorobenzene	400	U
91-59-8	2-Naphthylamine	810	U
606-20-2	2,6-Dinitrotoluene	400	U
134-32-7	1-Naphthylamine	810	U
58-90-2	2,3,4,6-Tetrachlorophenol	810	U
84-66-2	Diethylphthalate	400	U
297-97-2	Zinophos	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	49	J
100-01-6	4-Nitroaniline	810	U
99-55-8	5-Nitro-o-toluidine	810	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
122-39-4	Diphenylamine	400	U
99-35-4	1,3,5-Trinitrobenzene	810	U
122-66-7	1,2-Diphenylhydrazine	400	U
62-44-2	Phenacetin	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
2303-16-4	Diallate	400	U
60-51-5	Dimethoate	400	U
118-74-1	Hexachlorobenzene	400	U
92-67-1	4-Aminobiphenyl	400	U
23950-58-5	Pronamide	400	U
87-86-5	Pentachlorophenol	810	U
82-68-8	Pentachloronitrobenzene	400	U
85-01-8	Phenanthrene	1400	U
120-12-7	Anthracene	210	J
84-74-2	Di-n-Butylphthalate	400	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

P2Y130204

91-80-5-----	Methapyrilene	810	U
50-18-0-----	Cyclophosphamide	2000	U
206-44-0-----	Fluoranthene	1600	
92-87-5-----	Benzidina	400	U
129-00-0-----	Pyrene	2200	
60-11-7-----	p-Dimethylaminoazobenzene	400	U
510-15-6-----	Chlorobenzilate	400	U
119-93-7-----	3,3'-Dimethylbenzidine	810	U
85-68-7-----	Butylbenzylphthalate	400	U
53-96-3-----	2-Acetylaminofluorene	400	U
101-14-4-----	Methylene-bis(2-Chloroaniline	400	U
91-94-1-----	3,3'-Dichlorobenzidine	400	U
106-51-4-----	3,3'-Dimethoxybenzidine	400	U
56-55-3-----	Benzo(a)Anthracene	2500	
218-01-9-----	Chrysene	3400	
117-81-7-----	bis(2-Ethylhexyl)Phthalate	150	J
117-84-0-----	Di-n-Octyl Phthalate	400	U
205-99-2-----	Benzo(b)Fluoranthene	7500	X
57-97-6-----	7,12-Dimethylbenzanthracene	400	U
207-08-9-----	Benzo(k)Fluoranthene	7500	X
50-32-8-----	Benzo(a)Pyrene	2300	
56-49-5-----	3-Methylcholanthrene	400	U
224-42-0-----	Dibenzo(a,j)acridine	400	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	1800	
53-70-3-----	Dibenz(a,h)Anthracene	1000	
191-24-2-----	Benzo(g,h,i)Perylene	2100	

*h*  
6/19/92

(1) - Cannot be separated from Diphenylamine

AMENDED *h*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y140406

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 426242

Sample wt/vol: 30.9 (g/mL) G Lab File ID: GD026242B06

Level: (low/med) LOW Date Received: 06/15/91

% Moisture: not dec. 22 dec. \_\_\_\_\_ Date Extracted: 06/19/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/21/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
62-75-9	N-Nitrosodimethylamine	820	U
110-86-1	Pyridine	820	U
97-63-2	Ethyl methacrylate	820	U
123-63-7	Paraldehyde	820	U
109-06-8	2-Picoline	1600	U
10595-95-6	Nitrosomethylethylamine	820	U
66-27-3	Methyl methanesulfonate	820	U
108-95-2	Phenol	820	U
55-18-5	N-Nitrosodiethylamine	820	U
62-50-0	Ethyl methanesulfonate	820	U
62-53-3	Aniline	820	U
76-01-7	Pentachloroethane	820	U
111-44-4	bis(2-Chloroethyl) Ether	1600	U
95-57-8	2-Chlorophenol	820	U
541-73-1	1,3-Dichlorobenzene	820	U
100-44-7	Benzyl Chloride	820	U
106-46-7	1,4-Dichlorobenzene	820	U
100-51-6	Benzyl Alcohol	820	U
95-50-1	1,2-Dichlorobenzene	820	U
95-48-7	2-Methylphenol	820	U
39638-32-9	bis(2-Chloroisopropyl) Ether	820	U
108-39-4	3-Methylphenol	820	U
106-44-5	4-Methylphenol	820	U
930-55-2	N-Nitrosopyrrolidine	820	U
59-89-2	N-Nitrosomorpholine	820	U
98-86-2	Acetophenone	820	U
621-64-7	N-Nitroso-Di-n-Propylamine	820	U
636-21-5	o-Toluidine hydrochloride	820	U
67-72-1	Hexachloroethane	820	U
98-95-3	Nitrobenzene	820	U
100-75-4	N-Nitrosopiperidine	820	U
78-59-1	Isophorone	820	U
88-75-5	2-Nitrophenol	820	U
105-67-9	2,4-Dimethylphenol	820	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4 1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	820	U
98-87-3-----	Benzal chloride	820	U
65-85-0-----	Benzoic Acid	8200	U
111-91-1-----	bis(2-Chloroethoxy)Methane	820	U
120-83-2-----	2,4-Dichlorophenol	820	U
120-82-1-----	1,2,4-Trichlorobenzene	460	J
91-20-3-----	Naphthalene	88	J
106-47-8-----	4-Chloroaniline	820	U
87-65-0-----	2,6-Dichlorophenol	1600	U
95-54-5-----	o-Phenylenediamine	820	U
122-09-8-----	dimethylphenylethylamine	820	U
1888-71-7-----	Hexachloropropene	820	U
87-68-3-----	Hexachlorobutadiene	820	U
87-61-6-----	1,2,3-Trichlorobenzene	310	J
98-07-7-----	Benzotrichloride	1600	U
924-16-3-----	N-Nitroso-di-n-butylamine	820	U
59-50-7-----	4-Chloro-3-Methylphenol	820	U
106-50-3-----	P-Phenylenediamine	820	U
94-59-7-----	Safrole	820	U
106-50-3-----	m-Phenylenediamine	820	U
91-57-6-----	2-Methylnaphthalene	250	J
90-12-0-----	1-Methylnaphthalene	680	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	150	J
634-90-2-----	1,2,3,5-Tetrachlorobenzene	150	J
77-47-4-----	Hexachlorocyclopentadiene	820	U
88-06-2-----	2,4,6-Trichlorophenol	1600	U
95-95-4-----	2,4,5-Trichlorophenol	1600	U
120-58-1-----	Isosafrole	1600	U
91-58-7-----	2-Chloronaphthalene	820	U
90-13-1-----	1-Chloronaphthalene	820	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	1200	
88-74-4-----	2-Nitroaniline	820	U
130-15-4-----	1,4-Naphthoquinone	1600	U
100-25-4-----	1,4-Dinitrobenzene	1600	U
131-11-3-----	Dimethyl Phthalate	820	U
208-96-8-----	Acenaphthylene	240	J

FORM I SV-1

1/87 Rev.

426 242

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y140406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 426242  
 Sample wt/vol: 30.9 (g/mL) G Lab File ID: GD026242B06  
 Level: (low/med) LOW Date Received: 06/15/91  
 % Moisture: not dec. 22 dec. \_\_\_\_\_ Date Extracted: 06/19/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/21/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	4900	
51-28-5	2,4-Dinitrophenol	3200	U
100-02-7	4-Nitrophenol	180	J
132-64-9	Dibenzofuran	1100	
121-14-2	2,4-Dinitrotoluene	820	U
608-93-5	Pentachlorobenzene	270	J
91-59-8	2-Naphthylamine	1600	U
606-20-2	2,6-Dinitrotoluene	820	U
134-32-7	1-Naphthylamine	1600	U
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U
84-66-2	Diethylphthalate	820	U
297-97-2	Zinophos	820	U
7005-72-3	4-Chlorophenyl-phenylether	820	U
86-73-7	Fluorene	2400	
100-01-6	4-Nitroaniline	1600	U
99-55-8	5-Nitro-o-toluidine	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	2500	U
86-30-6	N-Nitrosodiphenylamine (1)	820	U
122-39-4	Diphenylamine	820	U
99-35-4	1,3,5-Trinitrobenzene	1600	U
122-66-7	1,2-Diphenylhydrazine	820	U
62-44-2	Phenacetin	820	U
101-55-3	4-Bromophenyl-phenylether	820	U
2303-16-4	Diallate	820	U
60-51-5	Dimethoate	820	U
118-74-1	Hexachlorobenzene	820	U
92-67-1	4-Aminobiphenyl	820	U
23950-58-5	Pronamide	820	U
87-86-5	Pentachlorophenol	1600	U
82-68-8	Pentachloronitrobenzene	820	U
85-01-8	Phenanthrene	11000	
120-12-7	Anthracene	5800	
84-74-2	Di-n-Butylphthalate	820	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

51-00-0-----	Methapyrilene	1600	U
50-18-0-----	Cyclophosphamide	4000	U
206-44-0-----	Fluoranthene	23000	E
92-87-5-----	Benzidine	820	U
129-00-0-----	Pyrene	16000	E
60-11-7-----	p-Dimethylaminoazobenzene	820	U
510-15-6-----	Chlorobenzilate	820	U
119-93-7-----	3,3'-Dimethylbenzidine	1600	U
85-68-7-----	Butylbenzylphthalate	820	U
53-96-3-----	2-Acetylaminofluorene	820	U
101-14-4-----	Methylene-bis(2-Chloroaniline	820	U
91-94-1-----	3,3'-Dichlorobenzidine	820	U
106-51-4-----	3,3'-Dimethoxybenzidine	820	U
56-55-3-----	Benzo(a) Anthracene	12000	
218-01-9-----	Chrysene	11000	
117-81-7-----	bis(2-Ethylhexyl) Phthalate	270	J
117-84-0-----	Di-n-Octyl Phthalate	820	U
205-99-2-----	Benzo(b) Fluoranthene	24000	E
57-97-6-----	7,12-Dimethylbenzanthracene	820	U
207-08-9-----	Benzo(k) Fluoranthene	24000	E
50-32-8-----	Benzo(a) Pyrene	11000	
56-49-5-----	3-Methylcholanthrene	820	U
224-42-0-----	Dibenzo(a,j) acridine	820	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	4600	
53-70-3-----	Dibenz(a,h) Anthracene	2600	
191-24-2-----	Benzo(g,h,i) Perylene	4100	

(1) - Cannot be separated from Diphenylamine

26242

FORM I SV-3

1/87 Rev.

22255 1638 SAMPLE DATA SUMMARY

2366

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y140406DL

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 426242

Sample wt/vol: 30.9 (g/mL) G Lab File ID: G2D26242C06

Level: (low/med) LOW Date Received: 06/15/91

% Moisture: not dec. 22 dec. \_\_\_\_\_ Date Extracted: 06/19/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/24/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9-----	N-Nitrosodimethylamine	4100	U
110-86-1-----	Pyridine	4100	U
97-63-2-----	Ethyl methacrylate	4100	U
123-63-7-----	Paraldehyde	4100	U
109-06-8-----	2-Picoline	8200	U
10595-95-6-----	Nitrosomethylethylamine	4100	U
66-27-3-----	Methyl methanesulfonate	4100	U
108-95-2-----	Phenol	4100	U
55-18-5-----	N-Nitrosodiethylamine	4100	U
62-50-0-----	Ethyl methanesulfonate	4100	U
62-53-3-----	Aniline	4100	U
76-01-7-----	Pentachloroethane	4100	U
111-44-4-----	bis(2-Chloroethyl) Ether	8200	U
95-57-8-----	2-Chlorophenol	4100	U
541-73-1-----	1,3-Dichlorobenzene	4100	U
100-44-7-----	Benzyl Chloride	4100	U
106-46-7-----	1,4-Dichlorobenzene	4100	U
100-51-6-----	Benzyl Alcohol	4100	U
95-50-1-----	1,2-Dichlorobenzene	4100	U
95-48-7-----	2-Methylphenol	4100	U
39638-32-9-----	bis(2-Chloroisopropyl) Ether	4100	U
108-39-4-----	3-Methylphenol	4100	U
106-44-5-----	4-Methylphenol	4100	U
930-55-2-----	N-Nitrosopyrrolidine	4100	U
59-89-2-----	N-Nitrosomorpholine	4100	U
98-86-2-----	Acetophenone	4100	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	4100	U
636-21-5-----	o-Toluidine hydrochloride	4100	U
67-72-1-----	Hexachloroethane	4100	U
98-95-3-----	Nitrobenzene	4100	U
100-75-4-----	N-Nitrosopiperidine	4100	U
78-59-1-----	Isophorone	4100	U
88-75-5-----	2-Nitrophenol	4100	U
105-67-9-----	2,4-Dimethylphenol	4100	U

FORM I SV-1

1/87 Rev.



108-70-3-----1,3,5-Trichlorobenzene	4100	U
98-87-3-----Benzal chloride	4100	U
65-85-0-----Benzoic Acid	41000	U
111-91-1-----bis(2-Chloroethoxy)Methane	4100	U
120-83-2-----2,4-Dichlorophenol	4100	U
120-82-1-----1,2,4-Trichlorobenzene	490	DJ
91-20-3-----Naphthalene	4100	U
106-47-8-----4-Chloroaniline	4100	U
87-65-0-----2,6-Dichlorophenol	8200	U
95-54-5-----o-Phenylenediamine	4100	U
122-09-8-----dimethylphenylethylamine	4100	U
1888-71-7-----Hexachloropropene	4100	U
87-68-3-----Hexachlorobutadiene	4100	U
87-61-6-----1,2,3-Trichlorobenzene	4100	U
98-07-7-----Benzotrichloride	8200	U
924-16-3-----N-Nitroso-di-n-butylamine	4100	U
59-50-7-----4-Chloro-3-Methylphenol	4100	U
106-50-3-----P-Phenylenediamine	4100	U
94-59-7-----Safrole	4100	U
106-50-3-----m-Phenylenediamine	4100	U
91-57-6-----2-Methylnaphthalene	4100	U
90-12-0-----1-Methylnaphthalene	600	DJ
95-94-3-----1,2,4,5-Tetrachlorobenzene	4100	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	4100	U
77-47-4-----Hexachlorocyclopentadiene	4100	U
88-06-2-----2,4,6-Trichlorophenol	8200	U
95-95-4-----2,4,5-Trichlorophenol	8200	U
120-58-1-----Isosafrole	8200	U
91-58-7-----2-Chloronaphthalene	4100	U
90-13-1-----1-Chloronaphthalene	4100	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	1100	DJ
88-74-4-----2-Nitroaniline	4100	U
130-15-4-----1,4-Napthoquinone	8200	U
100-25-4-----1,4-Dinitrobenzene	8200	U
131-11-3-----Dimethyl Phthalate	4100	U
208-96-8-----Acenaphthylene	4100	U

FORM I SV-1

1/87 Rev.

426 242

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y140406DL

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 426242  
 Sample wt/vol: 30.9 (g/mL) G Lab File ID: G2D26242C06  
 Level: (low/med) LOW Date Received: 06/15/91  
 % Moisture: not dec. 22 dec. \_\_\_\_\_ Date Extracted: 06/19/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/24/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	8200	U
83-32-9	Acenaphthene	5300	D
51-28-5	2,4-Dinitrophenol	16000	U
100-02-7	4-Nitrophenol	4100	U
132-64-9	Dibenzofuran	1100	DJ
121-14-2	2,4-Dinitrotoluene	4100	U
608-93-5	Pentachlorobenzene	4100	U
91-59-8	2-Naphthylamine	8200	U
606-20-2	2,6-Dinitrotoluene	4100	U
134-32-7	1-Naphthylamine	8200	U
58-90-2	2,3,4,6-Tetrachlorophenol	8200	U
84-66-2	Diethylphthalate	4100	U
297-97-2	Zinophos	4100	U
7005-72-3	4-Chlorophenyl-phenylether	4100	U
86-73-7	Fluorene	2300	DJ
100-01-6	4-Nitroaniline	8200	U
99-55-8	5-Nitro-o-toluidine	8200	U
534-52-1	4,6-Dinitro-2-Methylphenol	12000	U
86-30-6	N-Nitrosodiphenylamine (1)	4100	U
122-39-4	Diphenylamine	4100	U
99-35-4	1,3,5-Trinitrobenzene	8200	U
122-66-7	1,2-Diphenylhydrazine	4100	U
62-44-2	Phenacetin	4100	U
101-55-3	4-Bromophenyl-phenylether	4100	U
2303-16-4	Diallate	4100	U
60-51-5	Dimethoate	4100	U
118-74-1	Hexachlorobenzene	4100	U
92-67-1	4-Aminobiphenyl	4100	U
23950-58-5	Pronamide	4100	U
87-86-5	Pentachlorophenol	8200	U
82-68-8	Pentachloronitrobenzene	4100	U
85-01-8	Phenanthrene	10000	D
120-12-7	Anthracene	8300	D
84-74-2	Di-n-Butylphthalate	4100	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	8200	U
50-18-0-----Cyclophosphamide	20000	U
206-44-0-----Fluoranthene	32000	D
92-87-5-----Benzidine	4100	U
129-00-0-----Pyrene	25000	D
60-11-7-----p-Dimethylaminoazobenzene	4100	U
510-15-6-----Chlorobenzilate	4100	U
119-93-7-----3,3'-Dimethylbenzidine	8200	U
85-68-7-----Butylbenzylphthalate	4100	U
53-96-3-----2-Acetylaminofluorene	4100	U
101-14-4-----Methylene-bis(2-Chloroaniline	4100	U
91-94-1-----3,3'-Dichlorobenzidine	4100	U
106-51-4-----3,3'-Dimethoxybenzidine	4100	U
56-55-3-----Benzo(a)Anthracene	14000	D
218-01-9-----Chrysene	15000	D
117-81-7-----bis(2-Ethylhexyl) Phthalate	4100	U
117-84-0-----Di-n-Octyl Phthalate	4100	U
205-99-2-----Benzo(b)Fluoranthene	28000	D
57-97-6-----7,12-Dimethylbenzanthracene	4100	U
207-08-9-----Benzo(k)Fluoranthene	28000	D
50-32-8-----Benzo(a)Pyrene	14000	D
56-49-5-----3-Methylcholanthrene	4100	U
224-42-0-----Dibenzo(a,j)acridine	4100	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	7500	D
53-70-3-----Dibenz(a,h)Anthracene	4300	D
191-24-2-----Benzo(g,h,i)Perylene	7600	D

(1) - Cannot be separated from Diphenylamine

426242

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y150204

Lab Name: COMPUCHEM, RTP Contract: 500077

b Code: CLP Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1662

Matrix: (soil/water) SOIL Lab Sample ID: 428003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD028003A06

Level: (low/med) LOW Date Received: 06/21/91

% Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9-----	N-Nitrosodimethylamine	5700	U
110-86-1-----	Pyridine	5700	U
97-63-2-----	Ethyl methacrylate	5700	U
123-63-7-----	Paraldehyde	5700	U
109-06-8-----	2-Picoline	11000	U
10595-95-6-----	Nitrosomethylethylamine	5700	U
66-27-3-----	Methyl methanesulfonate	5700	U
108-95-2-----	Phenol	2800	J
55-18-5-----	N-Nitrosodiethylamine	5700	U
62-50-0-----	Ethyl methanesulfonate	5700	U
62-53-3-----	Aniline	2500	J
76-01-7-----	Pentachloroethane	5700	U
111-44-4-----	bis(2-Chloroethyl) Ether	11000	U
95-57-8-----	2-Chlorophenol	5700	U
541-73-1-----	1,3-Dichlorobenzene	1700	J
106-46-7-----	1,4-Dichlorobenzene	5400	J
100-51-6-----	Benzyl Alcohol	5700	U
95-50-1-----	1,2-Dichlorobenzene	5700	U
95-48-7-----	2-Methylphenol	5700	U
39638-32-9-----	bis(2-Chloroisopropyl) Ether	5700	U
108-39-4-----	3-Methylphenol	5700	U
106-44-5-----	4-Methylphenol	5700	U
930-55-2-----	N-Nitrosopyrrolidine	5700	U
59-89-2-----	N-Nitrosomorpholine	5700	U
98-86-2-----	Acetophenone	5700	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	5700	U
636-21-5-----	o-Toluidine hydrochloride	5700	U
67-72-1-----	Hexachloroethane	5700	U
98-95-3-----	Nitrobenzene	5700	U
100-75-4-----	N-Nitrosopiperidine	5700	U
78-59-1-----	Isophorone	5700	U
88-75-5-----	2-Nitrophenol	5700	U
105-67-9-----	2,4-Dimethylphenol	5700	U
108-70-3-----	1,3,5-Trichlorobenzene	5700	U

FORM I SV-1

1/87 Rev.

98-87-3-----	Benzal Chloride	5700	U
65-85-0-----	Benzoic Acid	57000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	5700	U
120-83-2-----	2,4-Dichlorophenol	5700	U
120-82-1-----	1,2,4-Trichlorobenzene	2900	J
91-20-3-----	Naphthalene	2100	J
106-47-8-----	4-Chloroaniline	5700	U
87-65-0-----	2,6-Dichlorophenol	11000	U
95-54-5-----	o-Phenylenediamine	5700	U
122-09-8-----	dimethylphenylethylamine	5700	U
1888-71-7-----	Hexachloropropene	5700	U
87-68-3-----	Hexachlorobutadiene	5700	U
87-61-6-----	1,2,3-Trichlorobenzene	820	J
98-07-7-----	Benzotrichloride	11000	U
924-16-3-----	N-Nitroso-di-n-butylamine	5700	U
59-50-7-----	4-Chloro-3-Methylphenol	5700	U
106-50-3-----	P-Phenylenediamine	5700	U
94-59-7-----	Safrole	5700	U
106-50-3-----	m-Phenylenediamine	5700	U
91-57-6-----	2-Methylnaphthalene	780	J
90-12-0-----	1-Methylnaphthalene	1400	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	5700	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	5700	U
77-47-4-----	Hexachlorocyclopentadiene	5700	U
88-06-2-----	2,4,6-Trichlorophenol	11000	U
95-95-4-----	2,4,5-Trichlorophenol	11000	U
120-58-1-----	Isosafrole	11000	U
91-58-7-----	2-Chloronaphthalene	5700	U
90-13-1-----	1-Chloronaphthalene	1600	J
634-66-2-----	1,2,3,4-Tetrachlorobenzene	1500	J
88-74-4-----	2-Nitroaniline	5700	U
130-15-4-----	1,4-Napthoquinone	11000	U
100-25-4-----	1,4-Dinitrobenzene	11000	U
131-11-3-----	Dimethyl Phthalate	5700	U
208-96-8-----	Acenaphthylene	5700	U

PY5150204

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y150204

Lab Name: COMPUCHEM, RTP Contract: 500077

Code: CLP Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1662

Matrix: (soil/water) SOIL Lab Sample ID: 428003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD028003A06

Level: (low/med) LOW Date Received: 06/21/91

% Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-2-----3-Nitroaniline	11000	U
83-32-9-----Acenaphthene	1300	J
51-28-5-----2,4-Dinitrophenol	22000	U
100-02-7-----4-Nitrophenol	5700	U
132-64-9-----Dibenzofuran	1400	J
121-14-2-----2,4-Dinitrotoluene	5700	U
608-93-5-----Pentachlorobenzene	5700	U
91-59-8-----2-Naphthylamine	11000	U
606-20-2-----2,6-Dinitrotoluene	5700	U
134-32-7-----1-Naphthylamine	11000	U
58-90-2-----2,3,4,6-Tetrachlorophenol	11000	U
84-66-2-----Diethylphthalate	5700	U
297-97-2-----Zinophos	5700	U
7005-72-3-----4-Chlorophenyl-phenylether	5700	U
86-73-7-----Fluorene	2200	J
100-01-6-----4-Nitroaniline	11000	U
99-55-8-----5-Nitro-o-toluidine	11000	U
534-52-1-----4,6-Dinitro-2-Methylphenol	17000	U
86-30-6-----N-Nitrosodiphenylamine (1)	5700	U
122-39-4-----Diphenylamine	5700	U
99-35-4-----1,3,5-Trinitrobenzene	11000	U
122-66-7-----1,2-Diphenylhydrazine	5700	U
62-44-2-----Phenacetin	5700	U
101-55-3-----4-Bromophenyl-phenylether	5700	U
2303-16-4-----Diallate	5700	U
60-51-5-----Dimethoate	5700	U
118-74-1-----Hexachlorobenzene	5700	U
92-67-1-----4-Aminobiphenyl	5700	U
23950-58-5-----Pronamide	5700	U
87-86-5-----Pentachlorophenol	11000	U
82-68-8-----Pentachloronitrobenzene	5700	U
85-01-8-----Phenanthrene	8400	
120-12-7-----Anthracene	1400	J
84-74-2-----Di-n-Butylphthalate	5700	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	11000	U
50-18-0-----	Cyclophosphamide	28000	U
206-44-0-----	Fluoranthene	4500	J
92-87-5-----	Benzidine	5700	U
129-00-0-----	Pyrene	4600	J
60-11-7-----	p-Dimethylaminoazobenzene	5700	U
510-15-6-----	Chlorobenzilate	5700	U
119-93-7-----	3,3'-Dimethylbenzidine	11000	U
85-68-7-----	Butylbenzylphthalate	5700	U
53-96-3-----	2-Acetylaminofluorene	5700	U
101-14-4-----	Methylene-bis(2-Chloroaniline	5700	U
91-94-1-----	3,3'-Dichlorobenzidine	5700	U
106-51-4-----	3,3'-Dimethoxybenzidine	5700	U
56-55-3-----	Benzo(a)Anthracene	1700	J
218-01-9-----	Chrysene	1600	J
117-81-7-----	bis(2-Ethylhexyl) Phthalate	5700	U
117-84-0-----	Di-n-Octyl Phthalate	5700	U
205-99-2-----	Benzo(b) Fluoranthene	2300	JX
57-97-6-----	7,12-Dimethylbenzanthracene	5700	U
207-08-9-----	Benzo(k) Fluoranthene	2300	JX
50-32-8-----	Benzo(a) Pyrene	1000	J
56-49-5-----	3-Methylcholanthrene	5700	U
224-42-0-----	Dibenzo(a, j) acridine	5700	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	5700	U
53-70-3-----	Dibenz(a, h) Anthracene	5700	U
191-24-2-----	Benzo(g, h, i) Perylene	5700	U

(1) - Cannot be separated from Diphenylamine

P2Y150204



P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

✓ V. MIREWA  
P2Y150204

August 19, 1991

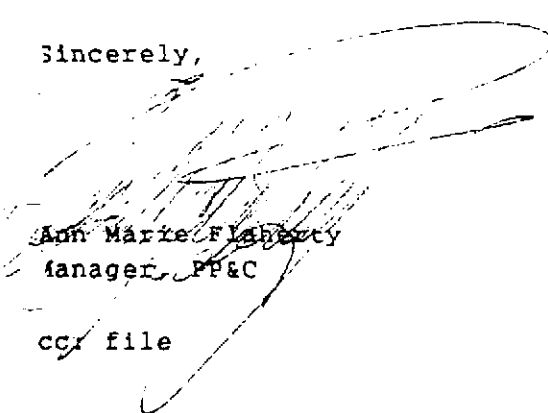
Mr. Mark Phillips  
General Electric Company  
Area Env & Facility Programs  
100 Woodlawn Ave./Bldg. 11-250  
Pittsfield, MA 01201

Dear Mr. Phillips:

Enclosed please find a resubmission of case 22255, SDG 1662, originally mailed July 31, 1991. The compound Benzyl Chloride was inadvertently omitted from Form Is. The Form Is were reprocessed to include Benzyl Chloride.

you have any questions or need additional information, please contact your representative at 1-919-549-8263.

Sincerely,

  
Ann Marie Flaherty  
Manager, PP&C

cc: file



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y150204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: CLP Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1662

Matrix: (soil/water) SOIL Lab Sample ID: 428003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD028003A06

Level: (low/med) LOW Date Received: 06/21/91

% Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	5700	U
110-86-1	Pyridine	5700	U
97-63-2	Ethyl methacrylate	5700	U
123-63-7	Paraldehyde	5700	U
109-06-8	2-Picoline	11000	U
10595-95-6	Nitrosomethylethylamine	5700	U
66-27-3	Methyl methanesulfonate	5700	U
55-18-5	N-Nitrosodiethylamine	5700	U
62-50-0	Ethyl methanesulfonate	5700	U
108-95-2	Phenol	5700	U
62-53-3	Aniline	2500	J
76-01-7	Pentachloroethane	5700	U
111-44-4	bis(2-Chloroethyl) Ether	11000	U
95-57-8	2-Chlorophenol	5700	U
541-73-1	1,3-Dichlorobenzene	1700	J
100-44-7	Benzyl Chloride	5700	U
106-46-7	1,4-Dichlorobenzene	5400	J
100-51-6	Benzyl Alcohol	5700	U
95-50-1	1,2-Dichlorobenzene	5700	U
95-48-7	2-Methylphenol	5700	U
39638-32-9	bis(2-Chloroisopropyl) Ether	5700	U
108-39-4	3-Methylphenol	5700	U
106-44-5	4-Methylphenol	5700	U
930-55-2	N-Nitrosopyrrolidine	5700	U
59-89-2	N-Nitrosomorpholine	5700	U
98-86-2	Acetophenone	5700	U
621-64-7	N-Nitroso-Di-n-Propylamine	5700	U
636-21-5	o-Toluidine hydrochloride	5700	U
67-72-1	Hexachloroethane	5700	U
98-95-3	Nitrobenzene	5700	U
100-75-4	N-Nitrosopiperidine	5700	U
78-59-1	Isophorone	5700	U
88-75-5	2-Nitrophenol	5700	U
105-67-9	2,4-Dimethylphenol	5700	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	5700	U
98-87-3-----	Benzal Chloride	5700	U
65-85-0-----	Benzoic Acid	57000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	5700	U
120-83-2-----	2,4-Dichlorophenol	5700	U
120-82-1-----	1,2,4-Trichlorobenzene	2900	J
91-20-3-----	Naphthalene	2100	J
106-47-8-----	4-Chloroaniline	5700	U
87-65-0-----	2,6-Dichlorophenol	11000	U
95-54-5-----	o-Phenylenediamine	5700	U
122-09-8-----	dimethylphenylethylamine	5700	U
1888-71-7-----	Hexachloropropene	5700	U
87-68-3-----	Hexachlorobutadiene	5700	U
87-61-6-----	1,2,3-Trichlorobenzene	820	J
98-07-7-----	Benzotrichloride	11000	U
924-16-3-----	N-Nitroso-di-n-butylamine	5700	U
59-50-7-----	4-Chloro-3-Methylphenol	5700	U
106-50-3-----	p-Phenylenediamine	5700	U
94-59-7-----	Safrole	5700	U
106-50-3-----	m-Phenylenediamine	5700	U
91-57-6-----	2-Methylnaphthalene	780	J
90-12-0-----	1-Methylnaphthalene	1400	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	5700	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	5700	U
77-47-4-----	Hexachlorocyclopentadiene	5700	U
88-06-2-----	2,4,6-Trichlorophenol	11000	U
95-95-4-----	2,4,5-Trichlorophenol	11000	U
120-58-1-----	Isosafrole	11000	U
91-58-7-----	2-Chloronaphthalene	5700	U
90-13-1-----	1-Chloronaphthalene	1600	J
634-66-2-----	1,2,3,4-Tetrachlorobenzene	1500	J
88-74-4-----	2-Nitroaniline	5700	U
130-15-4-----	1,4-Napthoquinone	11000	U
100-25-4-----	1,4-Dinitrobenzene	11000	U
131-11-3-----	Dimethyl Phthalate	5700	U
208-96-8-----	Acenaphthylene	5700	U
606-20-2-----	2,6-Dinitrotoluene	5700	U

P24150204

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y150204

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: CLP Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1662

Matrix: (soil/water) SOIL Lab Sample ID: 428003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD028003A06

Level: (low/med) LOW Date Received: 06/21/91

% Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 15

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	11000	U
83-32-9-----	Acenaphthene	1300	J
51-28-5-----	2,4-Dinitrophenol	22000	U
100-02-7-----	4-Nitrophenol	5700	U
132-64-9-----	Dibenzofuran	1400	J
121-14-2-----	2,4-Dinitrotoluene	5700	U
608-93-5-----	Pentachlorobenzene	5700	U
91-59-8-----	2-Naphthylamine	11000	U
134-32-7-----	1-Naphthylamine	11000	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	11000	U
84-66-2-----	Diethylphthalate	5700	U
297-97-2-----	Zinophos	5700	U
7005-72-3-----	4-Chlorophenyl-phenylether	5700	U
86-73-7-----	Fluorene	2200	J
100-01-6-----	4-Nitroaniline	11000	U
99-55-8-----	5-Nitro-o-toluidine	11000	U
122-66-7-----	1,2-Diphenylhydrazine	5700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	17000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	5700	U
122-39-4-----	Diphenylamine	5700	U
99-35-4-----	1,3,5-Trinitrobenzene	11000	U
62-44-2-----	Phenacetin	5700	U
101-55-3-----	4-Bromophenyl-phenylether	5700	U
2303-16-4-----	Diallate	5700	U
60-51-5-----	Dimethoate	5700	U
118-74-1-----	Hexachlorobenzene	5700	U
92-67-1-----	4-Aminobiphenyl	5700	U
23950-58-5-----	Pronamide	5700	U
87-86-5-----	Pentachlorophenol	11000	U
82-68-8-----	Pentachloronitrobenzene	5700	U
85-01-8-----	Phenanthrene	8400	
120-12-7-----	Anthracene	1400	J
84-74-2-----	Di-n-Butylphthalate	5700	U
91-80-5-----	Methapyrilene	11000	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

50-18-0-----Cyclophosphamide	28000	U
206-44-0-----Fluoranthene	4500	J
92-87-5-----Benzidine	5700	U
129-00-0-----Pyrene	4600	J
60-11-7-----p-Dimethylaminoazobenzene	5700	U
510-15-6-----Chlorobenzilate	5700	U
119-93-7-----3,3'-Dimethylbenzidine	11000	U
85-68-7-----Butylbenzylphthalate	5700	U
53-96-3-----2-Acetylaminofluorene	5700	U
101-14-4-----Methylene-bis(2-Chloroaniline	5700	U
91-94-1-----3,3'-Dichlorobenzidine	5700	U
119-90-4-----3,3'-Dimethoxybenzidine	5700	U
56-55-3-----Benzo(a)Anthracene	1700	J
117-81-7-----bis(2-Ethylhexyl) Phthalate	5700	U
218-01-9-----Chrysene	1600	J
117-84-0-----Di-n-Octyl Phthalate	5700	U
205-99-2-----Benzo(b)Fluoranthene	2300	JX
57-97-6-----7,12-Dimethylbenzanthracene	5700	U
207-08-9-----Benzo(k)Fluoranthene	2300	JX
50-32-8-----Benzo(a)Pyrene	1000	J
56-49-5-----3-Methylcholanthrene	5700	U
224-42-0-----Dibenzo(a,j)acridine	5700	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	5700	U
53-70-3-----Dibenz(a,h)Anthracene	5700	U
191-24-2-----Benzo(g,h,i)Perylene	5700	U

(1) - Cannot be separated from Diphenylamine

p24150204

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y160810

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 426226  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH026226A02  
 Level: (low/med) LOW Date Received: 06/15/91  
 % Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 06/19/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	420	U
110-86-1	Pyridine	420	U
97-63-2	Ethyl methacrylate	420	U
123-63-7	Paraldehyde	420	U
109-06-8	2-Picoline	840	U
10595-95-6	Nitrosomethylethylamine	420	U
66-27-3	Methyl methanesulfonate	420	U
108-95-2	Phenol	420	U
55-18-5	N-Nitrosodiethylamine	420	U
62-50-0	Ethyl methanesulfonate	420	U
62-53-3	Aniline	420	U
76-01-7	Pentachloroethane	420	U
111-44-4	bis(2-Chloroethyl) Ether	840	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
100-44-7	Benzyl Chloride	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
39638-32-9	bis(2-Chloroisopropyl) Ether	420	U
108-39-4	3-Methylphenol	420	U
106-44-5	4-Methylphenol	420	U
930-55-2	N-Nitrosopyrrolidine	420	U
59-89-2	N-Nitrosomorpholine	420	U
98-86-2	Acetophenone	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
636-21-5	o-Toluidine hydrochloride	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
100-75-4	N-Nitrosopiperidine	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

98-87-3	1,3,5-Trichlorobenzene	420	U
65-85-0	Benzal chloride	420	U
111-91-1	Benzoic Acid	4200	U
120-83-2	bis(2-Chloroethoxy)Methane	420	U
120-82-1	2,4-Dichlorophenol	420	U
91-20-3	1,2,4-Trichlorobenzene	420	U
106-47-8	Naphthalene	420	U
87-65-0	4-Chloroaniline	420	U
95-54-5	2,6-Dichlorophenol	840	U
122-09-8	o-Phenylenediamine	420	U
1888-71-7	dimethylphenylethylamine	420	U
87-68-3	Hexachloropropene	420	U
87-61-6	Hexachlorobutadiene	420	U
98-07-7	1,2,3-Trichlorobenzene	420	U
924-16-3	Benzotrichloride	840	U
59-50-7	N-Nitroso-di-n-butylamine	420	U
106-50-3	4-Chloro-3-Methylphenol	420	U
94-59-7	P-Phenylenediamine	420	U
106-50-3	Safrole	420	U
91-57-6	m-Phenylenediamine	420	U
90-12-0	2-Methylnaphthalene	420	U
95-94-3	1-Methylnaphthalene	420	U
634-90-2	1,2,4,5-Tetrachlorobenzene	420	U
77-47-4	1,2,3,5-Tetrachlorobenzene	420	U
88-06-2	Hexachlorocyclopentadiene	420	U
95-95-4	2,4,6-Trichlorophenol	840	U
120-58-1	2,4,5-Trichlorophenol	840	U
91-58-7	Isosafrole	840	U
90-13-1	2-Chloronaphthalene	420	U
634-66-2	1-Chloronaphthalene	420	U
88-74-4	1,2,3,4-Tetrachlorobenzene	420	U
130-15-4	2-Nitroaniline	420	U
100-25-4	1,4-Naphthoquinone	840	U
131-11-3	1,4-Dinitrobenzene	840	U
208-96-8	Dimethyl Phthalate	420	U
	Acenaphthylene	420	U

FORM I SV-1

1/87 Rev.

426226

22255 1638 SAMPLE DATA SUMMARY

2360

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y160810

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 426226  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH026226A02  
 Level: (low/med) LOW Date Received: 06/15/91  
 % Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 06/19/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	840	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	420	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
608-93-5	Pentachlorobenzene	420	U
91-59-8	2-Naphthylamine	840	U
606-20-2	2,6-Dinitrotoluene	420	U
134-32-7	1-Naphthylamine	840	U
58-90-2	2,3,4,6-Tetrachlorophenol	840	U
84-66-2	Diethylphthalate	420	U
297-97-2	Zinophos	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	840	U
99-55-8	5-Nitro-o-toluidine	840	U
534-52-1	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
122-39-4	Diphenylamine	420	U
99-35-4	1,3,5-Trinitrobenzene	840	U
122-66-7	1,2-Diphenylhydrazine	420	U
62-44-2	Phenacetin	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
2303-16-4	Diallate	420	U
60-51-5	Dimethoate	420	U
118-74-1	Hexachlorobenzene	420	U
92-67-1	4-Aminobiphenyl	420	U
23950-58-5	Pronamide	420	U
87-86-5	Pentachlorophenol	840	U
82-68-8	Pentachloronitrobenzene	420	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	420	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	840	U
50-18-0-----Cyclophosphamide	2000	U
206-44-0-----Fluoranthene	420	U
92-87-5-----Benzidine	420	U
129-00-0-----Pyrene	420	U
60-11-7-----p-Dimethylaminoazobenzene	420	U
510-15-6-----Chlorobenzilate	420	U
119-93-7-----3,3'-Dimethylbenzidine	840	U
85-68-7-----Butylbenzylphthalate	420	U
53-96-3-----2-Acetylaminofluorene	420	U
101-14-4-----Methylene-bis(2-Chloroaniline	420	U
91-94-1-----3,3'-Dichlorobenzidine	420	U
106-51-4-----3,3'-Dimethoxybenzidine	420	U
56-55-3-----Benzo(a)Anthracene	420	U
218-01-9-----Chrysene	420	U
117-81-7-----bis(2-Ethylhexyl)Phthalate	420	
117-84-0-----Di-n-Octyl Phthalate	84	J
205-99-2-----Benzo(b)Fluoranthene	420	U
57-97-6-----7,12-Dimethylbenzanthracene	420	U
207-08-9-----Benzo(k)Fluoranthene	420	U
50-32-8-----Benzo(a)Pyrene	420	U
56-49-5-----3-Methylcholanthrene	420	U
224-42-0-----Dibenzo(a,j)acridine	420	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	420	U
53-70-3-----Dibenz(a,h)Anthracene	420	U
191-24-2-----Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

426226



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y170204

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 426966  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH026966C22  
 Level: (low/med) LOW Date Received: 06/19/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 06/21/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/25/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9	N-Nitrosodimethylamine	380	U
110-86-1	Pyridine	380	U
97-63-2	Ethyl methacrylate	380	U
123-63-7	Paraldehyde	380	U
109-06-8	2-Picoline	770	U
10595-95-6	Nitrosomethylethylamine	380	U
66-27-3	Methyl methanesulfonate	380	U
108-95-2	Phenol	380	U
55-18-5	N-Nitrosodiethylamine	380	U
62-50-0	Ethyl methanesulfonate	380	U
62-53-3	Aniline	380	U
76-01-7	Pentachloroethane	380	U
111-44-4	bis(2-Chloroethyl) Ether	770	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
100-44-7	Benzyl Chloride	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
39638-32-9	bis(2-Chloroisopropyl) Ether	380	U
108-39-4	3-Methylphenol	380	U
106-44-5	4-Methylphenol	380	U
930-55-2	N-Nitrosopyrrolidine	380	U
59-89-2	N-Nitrosomorpholine	380	U
98-86-2	Acetophenone	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
636-21-5	o-Toluidine hydrochloride	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
100-75-4	N-Nitrosopiperidine	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	380	U
98-87-3-----	Benzal chloride	380	U
65-85-0-----	Benzoic Acid	3800	U
111-91-1-----	bis(2-Chloroethoxy)Methane	380	U
120-83-2-----	2,4-Dichlorophenol	380	U
120-82-1-----	1,2,4-Trichlorobenzene	380	U
91-20-3-----	Naphthalene	380	U
106-47-8-----	4-Chloroaniline	380	U
87-65-0-----	2,6-Dichlorophenol	770	U
95-54-5-----	o-Phenylenediamine	380	U
122-09-8-----	dimethylphenylethylamine	380	U
1888-71-7-----	Hexachloropropene	380	U
87-68-3-----	Hexachlorobutadiene	380	U
87-61-6-----	1,2,3-Trichlorobenzene	380	U
98-07-7-----	Benzotrichloride	770	U
924-16-3-----	N-Nitroso-di-n-butylamine	380	U
59-50-7-----	4-Chloro-3-Methylphenol	380	U
106-50-3-----	P-Phenylenediamine	380	U
94-59-7-----	Safrole	380	U
106-50-3-----	m-Phenylenediamine	380	U
91-57-6-----	2-Methylnaphthalene	380	U
90-12-0-----	1-Methylnaphthalene	380	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	380	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	380	U
77-47-4-----	Hexachlorocyclopentadiene	380	U
88-06-2-----	2,4,6-Trichlorophenol	770	U
95-95-4-----	2,4,5-Trichlorophenol	770	U
120-58-1-----	Isosafrole	770	U
91-58-7-----	2-Chloronaphthalene	380	U
90-13-1-----	1-Chloronaphthalene	380	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	380	U
88-74-4-----	2-Nitroaniline	380	U
130-15-4-----	1,4-Naphthoquinone	770	U
100-25-4-----	1,4-Dinitrobenzene	770	U
131-11-3-----	Dimethyl Phthalate	380	U
208-96-8-----	Acenaphthylene	45	J

FORM I SV-1

1/87 Rev.

426966

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y170204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 426966

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH026966C22

Level: (low/med) LOW Date Received: 06/19/91

% Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 06/21/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/25/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	770	U
83-32-9-----	Acenaphthene	380	U
51-28-5-----	2,4-Dinitrophenol	1500	U
100-02-7-----	4-Nitrophenol	380	U
132-64-9-----	Dibenzofuran	380	U
121-14-2-----	2,4-Dinitrotoluene	380	U
608-93-5-----	Pentachlorobenzene	380	U
91-59-8-----	2-Naphthylamine	770	U
606-20-2-----	2,6-Dinitrotoluene	380	U
134-32-7-----	1-Naphthylamine	770	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	770	U
84-66-2-----	Diethylphthalate	380	U
297-97-2-----	Zinophos	380	U
7005-72-3-----	4-Chlorophenyl-phenylether	380	U
86-73-7-----	Fluorene	380	U
100-01-6-----	4-Nitroaniline	770	U
99-55-8-----	5-Nitro-o-toluidine	770	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	380	U
122-39-4-----	Diphenylamine	380	U
99-35-4-----	1,3,5-Trinitrobenzene	770	U
122-66-7-----	1,2-Diphenylhydrazine	380	U
62-44-2-----	Phenacetin	380	U
101-55-3-----	4-Bromophenyl-phenylether	380	U
2303-16-4-----	Diallate	380	U
60-51-5-----	Dimethoate	380	U
118-74-1-----	Hexachlorobenzene	380	U
92-67-1-----	4-Aminobiphenyl	380	U
23950-58-5-----	Pronamide	380	U
87-86-5-----	Pentachlorophenol	770	U
82-68-8-----	Pentachloronitrobenzene	380	U
85-01-8-----	Phenanthrene	860	U
120-12-7-----	Anthracene	180	J
84-74-2-----	Di-n-Butylphthalate	380	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	770	U
50-18-0-----	Cyclophosphamide	1900	U
206-44-0-----	Fluoranthene	3200	
92-87-5-----	Benzidine	380	U
129-00-0-----	Pyrene	2100	
60-11-7-----	p-Dimethylaminoazobenzene	380	U
510-15-6-----	Chlorobenzilate	380	U
119-93-7-----	3,3'-Dimethylbenzidine	770	U
85-68-7-----	Butylbenzylphthalate	380	U
53-96-3-----	2-Acetylaminofluorene	380	U
101-14-4-----	Methylene-bis(2-Chloroaniline	380	U
91-94-1-----	3,3'-Dichlorobenzidine	380	U
106-51-4-----	3,3'-Dimethoxybenzidine	380	U
56-55-3-----	Benzo(a)Anthracene	1900	
218-01-9-----	Chrysene	2700	
117-81-7-----	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0-----	Di-n-Octyl Phthalate	380	U
205-99-2-----	Benzo(b)Fluoranthene	3600	
57-97-6-----	7,12-Dimethylbenzanthracene	380	U
207-08-9-----	Benzo(k)Fluoranthene	3500	
50-32-8-----	Benzo(a)Pyrene	2200	
56-49-5-----	3-Methylcholanthrene	380	U
224-42-0-----	Dibenzo(a,j)acridine	380	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	1300	
53-70-3-----	Dibenz(a,h)Anthracene	680	
191-24-2-----	Benzo(g,h,i)Perylene	1500	

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

426966

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y180204

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 426944  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH026944B22  
 Level: (low/med) LOW Date Received: 06/19/91  
 % Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/21/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/24/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9	N-Nitrosodimethylamine	380	U
110-86-1	Pyridine	380	U
97-63-2	Ethyl methacrylate	380	U
123-63-7	Paraldehyde	380	U
109-06-8	2-Picoline	760	U
10595-95-6	Nitrosomethylethylamine	380	U
66-27-3	Methyl methanesulfonate	380	U
108-95-2	Phenol	47	J
55-18-5	N-Nitrosodiethylamine	380	U
62-50-0	Ethyl methanesulfonate	380	U
62-53-3	Aniline	140	J
76-01-7	Pentachloroethane	380	U
111-44-4	bis(2-Chloroethyl) Ether	760	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
39638-32-9	bis(2-Chloroisopropyl) Ether	380	U
108-39-4	3-Methylphenol	380	U
106-44-5	4-Methylphenol	380	U
930-55-2	N-Nitrosopyrrolidine	380	U
59-89-2	N-Nitrosomorpholine	380	U
98-86-2	Acetophenone	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
636-21-5	o-Toluidine hydrochloride	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
100-75-4	N-Nitrosopiperidine	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
108-70-3	1,3,5-Trichlorobenzene	380	U

FORM I SV-1

1/87 Rev.

98-87-3-----Benzal Chloride	380	U
65-85-0-----Benzoic Acid	3800	U
111-91-1-----bis(2-Chloroethoxy)Methane	380	U
120-83-2-----2,4-Dichlorophenol	380	U
120-82-1-----1,2,4-Trichlorobenzene	380	U
91-20-3-----Naphthalene	51	J
106-47-8-----4-Chloroaniline	380	U
87-65-0-----2,6-Dichlorophenol	760	U
95-54-5-----o-Phenylenediamine	380	U
122-09-8-----dimethylphenylethylamine	380	U
1888-71-7-----Hexachloropropene	380	U
87-68-3-----Hexachlorobutadiene	380	U
87-61-6-----1,2,3-Trichlorobenzene	380	U
98-07-7-----Benzotrichloride	760	U
924-16-3-----N-Nitroso-di-n-butylamine	380	U
59-50-7-----4-Chloro-3-Methylphenol	380	U
106-50-3-----P-Phenylenediamine	380	U
94-59-7-----Safrole	380	U
106-50-3-----m-Phenylenediamine	380	U
91-57-6-----2-Methylnaphthalene	380	U
90-12-0-----1-Methylnaphthalene	380	U
95-94-3-----1,2,4,5-Tetrachlorobenzene	380	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	380	U
77-47-4-----Hexachlorocyclopentadiene	380	U
88-06-2-----2,4,6-Trichlorophenol	760	U
95-95-4-----2,4,5-Trichlorophenol	760	U
120-58-1-----Isosafrole	760	U
91-58-7-----2-Chloronaphthalene	380	U
90-13-1-----1-Chloronaphthalene	380	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	380	U
88-74-4-----2-Nitroaniline	380	U
130-15-4-----1,4-Naphthoquinone	760	U
100-25-4-----1,4-Dinitrobenzene	760	U
131-11-3-----Dimethyl Phthalate	380	U
208-96-8-----Acenaphthylene	50	J

426944

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y180204

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 426944  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH026944B22  
 Level: (low/med) LOW Date Received: 06/19/91  
 % Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/21/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/24/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	760	U
83-32-9-----	Acenaphthene	160	J
51-28-5-----	2,4-Dinitrophenol	1500	U
100-02-7-----	4-Nitrophenol	380	U
132-64-9-----	Dibenzofuran	380	U
121-14-2-----	2,4-Dinitrotoluene	380	U
608-93-5-----	Pentachlorobenzene	380	U
91-59-8-----	2-Naphthylamine	760	U
606-20-2-----	2,6-Dinitrotoluene	380	U
134-32-7-----	1-Naphthylamine	760	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	760	U
84-66-2-----	Diethylphthalate	380	U
297-97-2-----	Zinophos	380	U
7005-72-3-----	4-Chlorophenyl-phenylether	380	U
86-73-7-----	Fluorene	42	J
100-01-6-----	4-Nitroaniline	760	U
99-55-8-----	5-Nitro-o-toluidine	760	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6-----	N-Nitrosodiphenylamine (1)	380	U
122-39-4-----	Diphenylamine	380	U
99-35-4-----	1,3,5-Trinitrobenzene	760	U
122-66-7-----	1,2-Diphenylhydrazine	380	U
62-44-2-----	Phenacetin	380	U
101-55-3-----	4-Bromophenyl-phenylether	380	U
2303-16-4-----	Diallate	380	U
60-51-5-----	Dimethoate	380	U
118-74-1-----	Hexachlorobenzene	380	U
92-67-1-----	4-Aminobiphenyl	380	U
23950-58-5-----	Pronamide	380	U
87-86-5-----	Pentachlorophenol	760	U
82-68-8-----	Pentachloronitrobenzene	380	U
85-01-8-----	Phenanthrene	1100	U
120-12-7-----	Anthracene	140	J
84-74-2-----	Di-n-Butylphthalate	56	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	760	U
50-18-0-----	Cyclophosphamide	1800	U
206-44-0-----	Fluoranthene	4000	
92-87-5-----	Benzidine	380	U
129-00-0-----	Pyrene	3200	
60-11-7-----	p-Dimethylaminoazobenzene	380	U
510-15-6-----	Chlorobenzilate	380	U
119-93-7-----	3,3'-Dimethylbenzidine	760	U
85-68-7-----	Butylbenzylphthalate	380	U
53-96-3-----	2-Acetylaminofluorene	380	U
101-14-4-----	Methylene-bis(2-Chloroaniline	380	U
91-94-1-----	3,3'-Dichlorobenzidine	380	U
106-51-4-----	3,3'-Dimethoxybenzidine	380	U
56-55-3-----	Benzo(a)Anthracene	2500	
218-01-9-----	Chrysene	2600	
117-81-7-----	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0-----	Di-n-Octyl Phthalate	50	J
205-99-2-----	Benzo(b)Fluoranthene	5800	X
57-97-6-----	7,12-Dimethylbenzanthracene	380	U
207-08-9-----	Benzo(k)Fluoranthene	5800	X
50-32-8-----	Benzo(a)Pyrene	2900	
56-49-5-----	3-Methylcholanthrene	380	U
224-42-0-----	Dibenzo(a,j)acridine	380	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	1400	
53-70-3-----	Dibenz(a,h)Anthracene	660	
191-24-2-----	Benzo(g,h,i)Perylene	1600	

(1) - Cannot be separated from Diphenylamine

H26944

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y191012

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 427195  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GJ027195C22  
 Level: (low/med) LOW Date Received: 06/20/91  
 % Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 06/24/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/26/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	400	U
110-86-1	Pyridine	400	U
97-63-2	Ethyl methacrylate	400	U
123-63-7	Paraldehyde	400	U
109-06-8	2-Picoline	810	U
10595-95-6	Nitrosomethylethylamine	400	U
66-27-3	Methyl methanesulfonate	400	U
108-95-2	Phenol	66	J
55-18-5	N-Nitrosodiethylamine	400	U
62-50-0	Ethyl methanesulfonate	400	U
62-53-3	Aniline	190	J
76-01-7	Pentachloroethane	400	U
111-44-4	bis(2-Chloroethyl) Ether	810	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
100-44-7	Benzyl Chloride	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
39638-32-9	bis(2-Chloroisopropyl) Ether	400	U
108-39-4	3-Methylphenol	88	JX
106-44-5	4-Methylphenol	88	JX
930-55-2	N-Nitrosopyrrolidine	400	U
59-89-2	N-Nitrosomorpholine	400	U
98-86-2	Acetophenone	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
636-21-5	o-Toluidine hydrochloride	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
100-75-4	N-Nitrosopiperidine	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	55	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	400	U
98-87-3-----	Benzal chloride	400	U
65-85-0-----	Benzoic Acid	4000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	400	U
120-83-2-----	2,4-Dichlorophenol	400	U
120-82-1-----	1,2,4-Trichlorobenzene	150	J
91-20-3-----	Naphthalene	89	J
106-47-8-----	4-Chloroaniline	400	U
87-65-0-----	2,6-Dichlorophenol	810	U
95-54-5-----	o-Phenylenediamine	400	U
122-09-8-----	dimethylphenylethylamine	400	U
1888-71-7-----	Hexachloropropene	400	U
87-68-3-----	Hexachlorobutadiene	400	U
87-61-6-----	1,2,3-Trichlorobenzene	400	U
98-07-7-----	Benzotrichloride	810	U
924-16-3-----	N-Nitroso-di-n-butylamine	400	U
59-50-7-----	4-Chloro-3-Methylphenol	400	U
106-50-3-----	p-Phenylenediamine	400	U
94-59-7-----	Safrole	400	U
106-50-3-----	m-Phenylenediamine	400	U
91-57-6-----	2-Methylnaphthalene	190	J
90-12-0-----	1-Methylnaphthalene	320	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	400	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	400	U
77-47-4-----	Hexachlorocyclopentadiene	400	U
88-06-2-----	2,4,6-Trichlorophenol	810	U
95-95-4-----	2,4,5-Trichlorophenol	810	U
120-58-1-----	Isosafrole	810	U
91-58-7-----	2-Chloronaphthalene	400	U
90-13-1-----	1-Chloronaphthalene	400	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	400	U
88-74-4-----	2-Nitroaniline	400	U
130-15-4-----	1,4-Naphthoquinone	810	U
100-25-4-----	1,4-Dinitrobenzene	810	U
131-11-3-----	Dimethyl Phthalate	400	U
208-96-8-----	Acenaphthylene	400	U

FORM I SV-1

1/87 Rev.

427195

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y191012

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 427195  
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: GJ027195C22  
 Level: (low/med) LOW Date Received: 06/20/91  
 % Moisture: not dec. 19 dec. \_\_\_\_\_ Date Extracted: 06/24/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/26/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-2-----	3-Nitroaniline	810	U
83-32-9-----	Acenaphthene	59	J
51-28-5-----	2,4-Dinitrophenol	1600	U
100-02-7-----	4-Nitrophenol	400	U
132-64-9-----	Dibenzofuran	68	J
121-14-2-----	2,4-Dinitrotoluene	400	U
608-93-5-----	Pentachlorobenzene	400	U
91-59-8-----	2-Naphthylamine	810	U
606-20-2-----	2,6-Dinitrotoluene	400	U
134-32-7-----	1-Naphthylamine	810	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	810	U
84-66-2-----	Diethylphthalate	400	U
297-97-2-----	Zinophos	400	U
7005-72-3-----	4-Chlorophenyl-phenylether	400	U
86-73-7-----	Fluorene	80	J
100-01-6-----	4-Nitroaniline	810	U
99-55-8-----	5-Nitro-o-toluidine	810	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	400	U
122-39-4-----	Diphenylamine	400	U
99-35-4-----	1,3,5-Trinitrobenzene	810	U
122-66-7-----	1,2-Diphenylhydrazine	400	U
62-44-2-----	Phenacetin	400	U
101-55-3-----	4-Bromophenyl-phenylether	400	U
2303-16-4-----	Diallate	400	U
60-51-5-----	Dimethoate	400	U
118-74-1-----	Hexachlorobenzene	400	U
92-67-1-----	4-Aminobiphenyl	400	U
23950-58-5-----	Pronamide	400	U
87-86-5-----	Pentachlorophenol	810	U
82-68-8-----	Pentachloronitrobenzene	400	U
85-01-8-----	Phenanthrene	420	
120-12-7-----	Anthracene	83	J
84-74-2-----	Di-n-Butylphthalate	120	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	810	U
50-18-0-----Cyclophosphamide	2000	U
206-44-0-----Fluoranthene	420	
92-87-5-----Benzidine	400	U
129-00-0-----Pyrene	460	
60-11-7-----p-Dimethylaminoazobenzene	400	U
510-15-6-----Chlorobenzilate	400	U
119-93-7-----3,3'-Dimethylbenzidine	810	U
85-68-7-----Butylbenzylphthalate	400	U
53-96-3-----2-Acetylaminofluorene	400	U
101-14-4-----Methylene-bis(2-Chloroaniline	400	U
91-94-1-----3,3'-Dichlorobenzidine	400	U
106-51-4-----3,3'-Dimethoxybenzidine	400	U
56-55-3-----Benzo(a)Anthracene	250	J
218-01-9-----Chrysene	340	J
117-81-7-----bis(2-Ethylhexyl)Phthalate	66	J
117-84-0-----Di-n-Octyl Phthalate	400	U
205-99-2-----Benzo(b)Fluoranthene	590	X
57-97-6-----7,12-Dimethylbenzanthracene	400	U
207-08-9-----Benzo(k)Fluoranthene	590	X
50-32-8-----Benzo(a)Pyrene	210	J
56-49-5-----3-Methylcholanthrene	400	U
224-42-0-----Dibenzo(a,j)acridine	400	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	140	J
53-70-3-----Dibenz(a,h)Anthracene	87	J
191-24-2-----Benzo(g,h,i)Perylene	170	J

(1) - Cannot be separated from Diphenylamine

427195

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y200406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 427980  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD027980A22  
 Level: (low/med) LOW Date Received: 06/21/91  
 % Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	3800	U
110-86-1	Pyridine	3800	U
97-63-2	Ethyl methacrylate	3800	U
123-63-7	Paraldehyde	3800	U
109-06-8	2-Picoline	7600	U
10595-95-6	Nitrosomethylethylamine	3800	U
66-27-3	Methyl methanesulfonate	3800	U
108-95-2	Phenol	13000	
55-18-5	N-Nitrosodiethylamine	3800	U
62-50-0	Ethyl methanesulfonate	3800	U
62-53-3	Aniline	9000	
76-01-7	Pentachloroethane	3800	U
111-44-4	bis(2-Chloroethyl) Ether	7600	U
95-57-8	2-Chlorophenol	3800	U
541-73-1	1,3-Dichlorobenzene	600	J
100-44-7	Benzyl Chloride	3800	U
106-46-7	1,4-Dichlorobenzene	2500	J
100-51-6	Benzyl Alcohol	3800	U
95-50-1	1,2-Dichlorobenzene	3800	U
95-48-7	2-Methylphenol	3800	U
39638-32-9	bis(2-Chloroisopropyl) Ether	3800	U
108-39-4	3-Methylphenol	580	JX
106-44-5	4-Methylphenol	580	JX
930-55-2	N-Nitrosopyrrolidine	3800	U
59-89-2	N-Nitrosomorpholine	3800	U
98-86-2	Acetophenone	3800	U
621-64-7	N-Nitroso-Di-n-Propylamine	3800	U
636-21-5	o-Toluidine hydrochloride	3800	U
67-72-1	Hexachloroethane	3800	U
98-95-3	Nitrobenzene	3800	U
100-75-4	N-Nitrosopiperidine	3800	U
78-59-1	Isophorone	3800	U
88-75-5	2-Nitrophenol	3800	U
105-67-9	2,4-Dimethylphenol	3800	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	620	J
98-87-3-----	Benzal chloride	3800	U
65-85-0-----	Benzoic Acid	38000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	3800	U
120-83-2-----	2,4-Dichlorophenol	3800	U
120-82-1-----	1,2,4-Trichlorobenzene	1400	J
91-20-3-----	Naphthalene	8500	
106-47-8-----	4-Chloroaniline	3800	U
87-65-0-----	2,6-Dichlorophenol	7600	U
95-54-5-----	o-Phenylenediamine	3800	U
122-09-8-----	dimethylphenylethylamine	3800	U
1888-71-7-----	Hexachloropropene	3800	U
87-68-3-----	Hexachlorobutadiene	3800	U
87-61-6-----	1,2,3-Trichlorobenzene	3800	U
98-07-7-----	Benzotrichloride	7600	U
924-16-3-----	N-Nitroso-di-n-butylamine	3800	U
59-50-7-----	4-Chloro-3-Methylphenol	3800	U
106-50-3-----	P-Phenylenediamine	3800	U
94-59-7-----	Safrole	3800	U
106-50-3-----	m-Phenylenediamine	3800	U
91-57-6-----	2-Methylnaphthalene	5200	
90-12-0-----	1-Methylnaphthalene	7300	
95-94-3-----	1,2,4,5-Tetrachlorobenzene	3800	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	3800	U
77-47-4-----	Hexachlorocyclopentadiene	3800	U
88-06-2-----	2,4,6-Trichlorophenol	7600	U
95-95-4-----	2,4,5-Trichlorophenol	7600	U
120-58-1-----	Isosafrole	7600	U
91-58-7-----	2-Chloronaphthalene	3800	U
90-13-1-----	1-Chloronaphthalene	1800	J
634-66-2-----	1,2,3,4-Tetrachlorobenzene	700	J
88-74-4-----	2-Nitroaniline	3800	U
130-15-4-----	1,4-Napththoquinone	7600	U
100-25-4-----	1,4-Dinitrobenzene	7600	U
131-11-3-----	Dimethyl Phthalate	3800	U
208-96-8-----	Acenaphthylene	820	J

FORM I SV-1

1/87 Rev.

427980

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y200406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 427980  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD027980A22  
 Level: (low/med) LOW Date Received: 06/21/91  
 % Moisture: not dec. 13 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-2-----	3-Nitroaniline	7600	U
83-32-9-----	Acenaphthene	7700	
51-28-5-----	2,4-Dinitrophenol	15000	U
100-02-7-----	4-Nitrophenol	3800	U
132-64-9-----	Dibenzofuran	8500	
121-14-2-----	2,4-Dinitrotoluene	3800	U
608-93-5-----	Pentachlorobenzene	3800	U
91-59-8-----	2-Naphthylamine	7600	U
606-20-2-----	2,6-Dinitrotoluene	3800	U
134-32-7-----	1-Naphthylamine	7600	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	7600	U
84-66-2-----	Diethylphthalate	3800	U
297-97-2-----	Zinophos	3800	U
7005-72-3-----	4-Chlorophenyl-phenylether	3800	U
86-73-7-----	Fluorene	13000	
100-01-6-----	4-Nitroaniline	7600	U
99-55-8-----	5-Nitro-o-toluidine	7600	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	11000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	4800	
122-39-4-----	Diphenylamine	4800	
99-35-4-----	1,3,5-Trinitrobenzene	7600	U
122-66-7-----	1,2-Diphenylhydrazine	3800	U
62-44-2-----	Phenacetin	3800	U
101-55-3-----	4-Bromophenyl-phenylether	3800	U
2303-16-4-----	Diallate	3800	U
60-51-5-----	Dimethoate	3800	U
118-74-1-----	Hexachlorobenzene	3800	U
92-67-1-----	4-Aminobiphenyl	3800	U
23950-58-5-----	Pronamide	3800	U
87-86-5-----	Pentachlorophenol	7600	U
82-68-8-----	Pentachloronitrobenzene	3800	U
85-01-8-----	Phenanthrene	47000	
120-12-7-----	Anthracene	12000	
84-74-2-----	Di-n-Butylphthalate	3800	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	7600	U
50-18-0-----	Cyclophosphamide	18000	U
206-44-0-----	Fluoranthene	44000	
92-87-5-----	Benzidine	3800	U
129-00-0-----	Pyrene	27000	
60-11-7-----	p-Dimethylaminoazobenzene	3800	U
510-15-6-----	Chlorobenzilate	3800	U
119-93-7-----	3,3'-Dimethylbenzidine	7600	U
85-68-7-----	Butylbenzylphthalate	3800	U
53-96-3-----	2-Acetylaminofluorene	3800	U
101-14-4-----	Methylene-bis(2-Chloroaniline	3800	U
91-94-1-----	3,3'-Dichlorobenzidine	3800	U
106-51-4-----	3,3'-Dimethoxybenzidine	3800	U
56-55-3-----	Benzo(a)Anthracene	14000	
218-01-9-----	Chrysene	18000	
117-81-7-----	bis(2-Ethylhexyl)Phthalate	18000	B
117-84-0-----	Di-n-Octyl Phthalate	3800	U
205-99-2-----	Benzo(b)Fluoranthene	26000	X
57-97-6-----	7,12-Dimethylbenzanthracene	3800	U
207-08-9-----	Benzo(k)Fluoranthene	26000	X
50-32-8-----	Benzo(a)Pyrene	11000	
56-49-5-----	3-Methylcholanthrene	3800	U
224-42-0-----	Dibenzo(a,j)acridine	3800	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	3900	
53-70-3-----	Dibenz(a,h)Anthracene	2100	J
191-24-2-----	Benzo(g,h,i)Perylene	3700	J

(1) - Cannot be separated from Diphenylamine

427980

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y211214

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428286  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028286C22  
 Level: (low/med) LOW Date Received: 06/25/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	370	U
110-86-1	Pyridine	370	U
97-63-2	Ethyl methacrylate	370	U
123-63-7	Paraldehyde	370	U
109-06-8	2-Picoline	750	U
10595-95-6	Nitrosomethylethylamine	370	U
66-27-3	Methyl methanesulfonate	370	U
108-95-2	Phenol	370	U
55-18-5	N-Nitrosodiethylamine	370	U
62-50-0	Ethyl methanesulfonate	370	U
62-53-3	Aniline	370	U
76-01-7	Pentachloroethane	370	U
111-44-4	bis(2-Chloroethyl) Ether	750	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
100-44-7	Benzyl Chloride	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
39638-32-9	bis(2-Chloroisopropyl) Ether	370	U
108-39-4	3-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
930-55-2	N-Nitrosopyrrolidine	370	U
59-89-2	N-Nitrosomorpholine	370	U
98-86-2	Acetophenone	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
636-21-5	o-Toluidine hydrochloride	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
100-75-4	N-Nitrosopiperidine	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	370	U
98-87-3-----	Benzal chloride	370	U
65-85-0-----	Benzoic Acid	3700	U
111-91-1-----	bis(2-Chloroethoxy)Methane	370	U
120-83-2-----	2,4-Dichlorophenol	370	U
120-82-1-----	1,2,4-Trichlorobenzene	370	U
91-20-3-----	Naphthalene	370	U
106-47-8-----	4-Chloroaniline	370	U
87-65-0-----	2,6-Dichlorophenol	750	U
95-54-5-----	o-Phenylenediamine	370	U
122-09-8-----	dimethylphenylethylamine	370	U
1888-71-7-----	Hexachloropropene	370	U
87-68-3-----	Hexachlorobutadiene	370	U
87-61-6-----	1,2,3-Trichlorobenzene	370	U
98-07-7-----	Benzotrichloride	750	U
924-16-3-----	N-Nitroso-di-n-butylamine	370	U
59-50-7-----	4-Chloro-3-Methylphenol	370	U
106-50-3-----	P-Phenylenediamine	370	U
94-59-7-----	Safrole	370	U
106-50-3-----	m-Phenylenediamine	370	U
91-57-6-----	2-Methylnaphthalene	370	U
90-12-0-----	1-Methylnaphthalene	370	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	370	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	370	U
77-47-4-----	Hexachlorocyclopentadiene	370	U
88-06-2-----	2,4,6-Trichlorophenol	750	U
95-95-4-----	2,4,5-Trichlorophenol	750	U
120-58-1-----	Isosafrole	750	U
91-58-7-----	2-Chloronaphthalene	370	U
90-13-1-----	1-Chloronaphthalene	370	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	370	U
88-74-4-----	2-Nitroaniline	370	U
130-15-4-----	1,4-Naphthoquinone	750	U
100-25-4-----	1,4-Dinitrobenzene	750	U
131-11-3-----	Dimethyl Phthalate	370	U
208-96-8-----	Acenaphthylene	370	U

FORM I SV-1

1/87 Rev.

428 286

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y211214

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428286  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028286C22  
 Level: (low/med) LOW Date Received: 06/25/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	750	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	370	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
608-93-5	Pentachlorobenzene	370	U
91-59-8	2-Naphthylamine	750	U
606-20-2	2,6-Dinitrotoluene	370	U
134-32-7	1-Naphthylamine	750	U
58-90-2	2,3,4,6-Tetrachlorophenol	750	U
84-66-2	Diethylphthalate	370	U
297-97-2	Zinophos	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	750	U
99-55-8	5-Nitro-o-toluidine	750	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
122-39-4	Diphenylamine	370	U
99-35-4	1,3,5-Trinitrobenzene	750	U
122-66-7	1,2-Diphenylhydrazine	370	U
62-44-2	Phenacetin	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
2303-16-4	Diallate	370	U
60-51-5	Dimethoate	370	U
118-74-1	Hexachlorobenzene	370	U
92-67-1	4-Aminobiphenyl	370	U
23950-58-5	Pronamide	370	U
87-86-5	Pentachlorophenol	750	U
82-68-8	Pentachloronitrobenzene	370	U
85-01-8	Phenanthrene	87	J
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	41	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	750	U
50-18-0-----	Cyclophosphamide	1800	U
206-44-0-----	Fluoranthene	240	J
92-87-5-----	Benzidine	370	U
129-00-0-----	Pyrene	170	J
60-11-7-----	p-Dimethylaminoazobenzene	370	U
510-15-6-----	Chlorobenzilate	370	U
119-93-7-----	3,3'-Dimethylbenzidine	750	U
85-68-7-----	Butylbenzylphthalate	370	U
53-96-3-----	2-Acetylaminofluorene	370	U
101-14-4-----	Methylene-bis(2-Chloroaniline)	370	U
91-94-1-----	3,3'-Dichlorobenzidine	370	U
106-51-4-----	3,3'-Dimethoxybenzidine	370	U
56-55-3-----	Benzo(a)Anthracene	110	J
218-01-9-----	Chrysene	220	J
117-81-7-----	bis(2-Ethylhexyl) Phthalate	130	BJ
117-84-0-----	Di-n-Octyl Phthalate	370	U
205-99-2-----	Benzo(b) Fluoranthene	420	X
57-97-6-----	7,12-Dimethylbenzanthracene	370	U
207-08-9-----	Benzo(k) Fluoranthene	420	X
50-32-8-----	Benzo(a) Pyrene	120	J
56-49-5-----	3-Methylcholanthrene	370	U
224-42-0-----	Dibenzo(a,j) acridine	370	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	110	J
53-70-3-----	Dibenz(a,h) Anthracene	53	J
191-24-2-----	Benzo(g,h,i) Perylene	130	J

(1) - Cannot be separated from Diphenylamine

428286

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y220002

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428049  
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: GH028049A04  
 Level: (low/med) LOW Date Received: 06/22/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/03/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	370	U
110-86-1	Pyridine	370	U
97-63-2	Ethyl methacrylate	370	U
123-63-7	Paraldehyde	370	U
109-06-8	2-Picoline	750	U
10595-95-6	Nitrosomethylethylamine	370	U
66-27-3	Methyl methanesulfonate	370	U
108-95-2	Phenol	370	U
55-18-5	N-Nitrosodiethylamine	370	U
62-50-0	Ethyl methanesulfonate	370	U
62-53-3	Aniline	370	U
76-01-7	Pentachloroethane	370	U
111-44-4	bis(2-Chloroethyl) Ether	750	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
100-44-7	Benzyl Chloride	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
39638-32-9	bis(2-Chloroisopropyl) Ether	370	U
108-39-4	3-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
930-55-2	N-Nitrosopyrrolidine	370	U
59-89-2	N-Nitrosomorpholine	370	U
98-86-2	Acetophenone	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
636-21-5	o-Toluidine hydrochloride	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
100-75-4	N-Nitrosopiperidine	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	370	U
98-87-3-----	Benzal chloride	370	U
65-85-0-----	Benzoic Acid	3700	U
111-91-1-----	bis(2-Chloroethoxy)Methane	370	U
120-83-2-----	2,4-Dichlorophenol	370	U
120-82-1-----	1,2,4-Trichlorobenzene	370	U
91-20-3-----	Naphthalene	51	J
106-47-8-----	4-Chloroaniline	370	U
87-65-0-----	2,6-Dichlorophenol	750	U
95-54-5-----	o-Phenylenediamine	370	U
122-09-8-----	dimethylphenylethylamine	370	U
1888-71-7-----	Hexachloropropene	370	U
87-68-3-----	Hexachlorobutadiene	370	U
87-61-6-----	1,2,3-Trichlorobenzene	370	U
98-07-7-----	Benzotrichloride	750	U
924-16-3-----	N-Nitroso-di-n-butylamine	370	U
59-50-7-----	4-Chloro-3-Methylphenol	370	U
106-50-3-----	P-Phenylenediamine	370	U
94-59-7-----	Safrole	370	U
106-50-3-----	m-Phenylenediamine	370	U
91-57-6-----	2-Methylnaphthalene	48	J
90-12-0-----	1-Methylnaphthalene	80	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	370	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	370	U
77-47-4-----	Hexachlorocyclopentadiene	370	U
88-06-2-----	2,4,6-Trichlorophenol	750	U
95-95-4-----	2,4,5-Trichlorophenol	750	U
120-58-1-----	Isosafrole	750	U
91-58-7-----	2-Chloronaphthalene	370	U
90-13-1-----	1-Chloronaphthalene	370	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	370	U
88-74-4-----	2-Nitroaniline	370	U
130-15-4-----	1,4-Naphthoquinone	750	U
100-25-4-----	1,4-Dinitrobenzene	750	U
131-11-3-----	Dimethyl Phthalate	370	U
208-96-8-----	Acenaphthylene	370	U

FORM I SV-1

1/87 Rev.

428049

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y220002

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428049  
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: GH028049A04  
 Level: (low/med) LOW Date Received: 06/22/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/03/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	750	U
83-32-9	Acenaphthene	120	J
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	370	U
132-64-9	Dibenzofuran	85	J
121-14-2	2,4-Dinitrotoluene	370	U
608-93-5	Pentachlorobenzene	370	U
91-59-8	2-Naphthylamine	750	U
606-20-2	2,6-Dinitrotoluene	370	U
134-32-7	1-Naphthylamine	750	U
58-90-2	2,3,4,6-Tetrachlorophenol	750	U
84-66-2	Diethylphthalate	370	U
297-97-2	Zinophos	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	110	J
100-01-6	4-Nitroaniline	750	U
99-55-8	5-Nitro-o-toluidine	750	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
122-39-4	Diphenylamine	370	U
99-35-4	1,3,5-Trinitrobenzene	750	U
122-66-7	1,2-Diphenylhydrazine	370	U
62-44-2	Phenacetin	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
2303-16-4	Diallate	370	U
60-51-5	Dimethoate	370	U
118-74-1	Hexachlorobenzene	370	U
92-67-1	4-Aminobiphenyl	370	U
23950-58-5	Pronamide	370	U
87-86-5	Pentachlorophenol	750	U
82-68-8	Pentachloronitrobenzene	370	U
85-01-8	Phenanthrene	4600	
120-12-7	Anthracene	500	
84-74-2	Di-n-Butylphthalate	370	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	750	U
50-18-0-----Cyclophosphamide	1800	U
206-44-0-----Fluoranthene	12000	E
92-87-5-----Benzidine	370	U
129-00-0-----Pyrene	7000	E
60-11-7-----p-Dimethylaminoazobenzene	370	U
510-15-6-----Chlorobenzilate	370	U
119-93-7-----3,3'-Dimethylbenzidine	750	U
85-68-7-----Butylbenzylphthalate	370	U
53-96-3-----2-Acetylaminofluorene	370	U
101-14-4-----Methylene-bis(2-Chloroaniline	370	U
91-94-1-----3,3'-Dichlorobenzidine	370	U
106-51-4-----3,3'-Dimethoxybenzidine	370	U
56-55-3-----Benzo(a)Anthracene	6900	E
218-01-9-----Chrysene	8700	E
117-81-7-----bis(2-Ethylhexyl) Phthalate	230	BJ
117-84-0-----Di-n-Octyl Phthalate	370	U
205-99-2-----Benzo(b) Fluoranthene	22000	EX
57-97-6-----7,12-Dimethylbenzanthracene	370	U
207-08-9-----Benzo(k) Fluoranthene	22000	EX
50-32-8-----Benzo(a) Pyrene	8300	E
56-49-5-----3-Methylcholanthrene	370	U
224-42-0-----Dibenzo(a, j) acridine	370	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	3300	
53-70-3-----Dibenz(a, h) Anthracene	1700	
191-24-2-----Benzo(g, h, i) Perylene	4300	

(1) - Cannot be separated from Diphenylamine

H28049

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y220002DL

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428049

Sample wt/vol: 30.7 (g/mL) G Lab File ID: G3D28049B22

Level: (low/med) LOW Date Received: 06/22/91

% Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/08/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 3.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	1100	U
110-86-1	Pyridine	1100	U
97-63-2	Ethyl methacrylate	1100	U
123-63-7	Paraldehyde	1100	U
109-06-8	2-Picoline	2200	U
10595-95-6	Nitrosomethylethylamine	1100	U
66-27-3	Methyl methanesulfonate	1100	U
108-95-2	Phenol	1100	U
55-18-5	N-Nitrosodiethylamine	1100	U
62-50-0	Ethyl methanesulfonate	1100	U
62-53-3	Aniline	1100	U
76-01-7	Pentachloroethane	1100	U
111-44-4	bis(2-Chloroethyl) Ether	2200	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl Alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-Chloroisopropyl) Ether	1100	U
108-39-4	3-Methylphenol	1100	U
106-44-5	4-Methylphenol	1100	U
930-55-2	N-Nitrosopyrrolidine	1100	U
59-89-2	N-Nitrosomorpholine	1100	U
98-86-2	Acetophenone	1100	U
621-64-7	N-Nitroso-Di-n-Propylamine	1100	U
636-21-5	o-Toluidine hydrochloride	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
100-75-4	N-Nitrosopiperidine	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
108-70-3	1,3,5-Trichlorobenzene	1100	U

FORM I SV-1

1/87 Rev.

98-87-3-----	Benzal Chloride	1100	U
65-85-0-----	Benzoic Acid	11000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	1100	U
120-83-2-----	2,4-Dichlorophenol	1100	U
120-82-1-----	1,2,4-Trichlorobenzene	1100	U
91-20-3-----	Naphthalene	1100	U
106-47-8-----	4-Chloroaniline	1100	U
87-65-0-----	2,6-Dichlorophenol	2200	U
95-54-5-----	o-Phenylenediamine	1100	U
122-09-8-----	dimethylphenylethylamine	1100	U
1888-71-7-----	Hexachloropropene	1100	U
87-68-3-----	Hexachlorobutadiene	1100	U
87-61-6-----	1,2,3-Trichlorobenzene	1100	U
98-07-7-----	Benzotrichloride	2200	U
924-16-3-----	N-Nitroso-di-n-butylamine	1100	U
59-50-7-----	4-Chloro-3-Methylphenol	1100	U
106-50-3-----	P-Phenylenediamine	1100	U
94-59-7-----	Safrole	1100	U
106-50-3-----	m-Phenylenediamine	1100	U
91-57-6-----	2-Methylnaphthalene	1100	U
90-12-0-----	1-Methylnaphthalene	1100	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	1100	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	1100	U
77-47-4-----	Hexachlorocyclopentadiene	1100	U
88-06-2-----	2,4,6-Trichlorophenol	2200	U
95-95-4-----	2,4,5-Trichlorophenol	2200	U
120-58-1-----	Isosafrole	2200	U
91-58-7-----	2-Chloronaphthalene	1100	U
90-13-1-----	1-Chloronaphthalene	1100	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	1100	U
88-74-4-----	2-Nitroaniline	1100	U
130-15-4-----	1,4-Napthoquinone	2200	U
100-25-4-----	1,4-Dinitrobenzene	2200	U
131-11-3-----	Dimethyl Phthalate	1100	U
208-96-8-----	Acenaphthylene	1100	U

428049

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y220002DL

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428049  
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: G3D28049B22  
 Level: (low/med) LOW Date Received: 06/22/91  
 % Moisture: not dec. 14 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/08/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 3.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
608-93-5	Pentachlorobenzene	1100	U
91-59-8	2-Naphthylamine	2200	U
606-20-2	2,6-Dinitrotoluene	1100	U
134-32-7	1-Naphthylamine	2200	U
58-90-2	2,3,4,6-Tetrachlorophenol	2200	U
84-66-2	Diethylphthalate	1100	U
297-97-2	Zinophos	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
86-73-7	Fluorene	1100	U
100-01-6	4-Nitroaniline	2200	U
99-55-8	5-Nitro-o-toluidine	2200	U
534-52-1	4,6-Dinitro-2-Methylphenol	3400	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
122-39-4	Diphenylamine	1100	U
99-35-4	1,3,5-Trinitrobenzene	2200	U
122-66-7	1,2-Diphenylhydrazine	1100	U
62-44-2	Phenacetin	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
2303-16-4	Diallate	1100	U
60-51-5	Dimethoate	1100	U
118-74-1	Hexachlorobenzene	1100	U
92-67-1	4-Aminobiphenyl	1100	U
23950-58-5	Pronamide	1100	U
87-86-5	Pentachlorophenol	2200	U
82-68-8	Pentachloronitrobenzene	1100	U
85-01-8	Phenanthrene	3400	D
120-12-7	Anthracene	370	DJ
84-74-2	Di-n-Butylphthalate	1100	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	2200	U
50-18-0-----	Cyclophosphamide	5500	U
206-44-0-----	Fluoranthene	6900	D
92-87-5-----	Benzidine	1100	U
129-00-0-----	Pyrene	7300	D
60-11-7-----	p-Dimethylaminoazobenzene	1100	U
510-15-6-----	Chlorobenzilate	1100	U
119-93-7-----	3,3'-Dimethylbenzidine	2200	U
85-68-7-----	Butylbenzylphthalate	1100	U
53-96-3-----	2-Acetylaminofluorene	1100	U
101-14-4-----	Methylene-bis(2-Chloroaniline	1100	U
91-94-1-----	3,3'-Dichlorobenzidine	1100	U
106-51-4-----	3,3'-Dimethoxybenzidine	1100	U
56-55-3-----	Benzo(a) Anthracene	5200	D
218-01-9-----	Chrysene	7500	D
117-81-7-----	bis(2-Ethylhexyl) Phthalate	1100	U
117-84-0-----	Di-n-Octyl Phthalate	1100	U
205-99-2-----	Benzo(b) Fluoranthene	5200	D
57-97-6-----	7,12-Dimethylbenzanthracene	1100	U
207-08-9-----	Benzo(k) Fluoranthene	10000	D
50-32-8-----	Benzo(a) Pyrene	5900	D
56-49-5-----	3-Methylcholanthrene	1100	U
224-42-0-----	Dibenzo(a, j) acridine	1100	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	4000	D
53-70-3-----	Dibenz(a, h) Anthracene	1800	D
191-24-2-----	Benzo(g, h, i) Perylene	5200	D

(1) - Cannot be separated from Diphenylamine

428049

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y230204

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428067

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028067C22

Level: (low/med) LOW Date Received: 06/22/91

% Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 06/27/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/01/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	410	U
110-86-1	Pyridine	410	U
97-63-2	Ethyl methacrylate	410	U
123-63-7	Paraldehyde	410	U
109-06-8	2-Picoline	820	U
10595-95-6	Nitrosomethylethylamine	410	U
66-27-3	Methyl methanesulfonate	410	U
108-95-2	Phenol	410	U
55-18-5	N-Nitrosodiethylamine	410	U
62-50-0	Ethyl methanesulfonate	410	U
62-53-3	Aniline	410	U
76-01-7	Pentachloroethane	410	U
111-44-4	bis(2-Chloroethyl) Ether	820	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
100-44-7	Benzyl Chloride	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
39638-32-9	bis(2-Chloroisopropyl) Ether	410	U
108-39-4	3-Methylphenol	410	U
106-44-5	4-Methylphenol	410	U
930-55-2	N-Nitrosopyrrolidine	410	U
59-89-2	N-Nitrosomorpholine	410	U
98-86-2	Acetophenone	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
636-21-5	o-Toluidine hydrochloride	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
100-75-4	N-Nitrosopiperidine	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

91-80-5-----Methapyrilene	1500	U
50-18-0-----Cyclophosphamide	3600	U
206-44-0-----Fluoranthene	10000	
92-87-5-----Benzidine	740	U
129-00-0-----Pyrene	18000	E
60-11-7-----p-Dimethylaminoazobenzene	740	U
510-15-6-----Chlorobenzilate	740	U
119-93-7-----3,3'-Dimethylbenzidine	1500	U
85-68-7-----Butylbenzylphthalate	740	U
53-96-3-----2-Acetylaminofluorene	740	U
101-14-4-----Methylene-bis(2-Chloroaniline	740	U
91-94-1-----3,3'-Dichlorobenzidine	740	U
106-51-4-----3,3'-Dimethoxybenzidine	740	U
56-55-3-----Benzo(a)Anthracene	8800	
218-01-9-----Chrysene	6500	
117-81-7-----bis(2-Ethylhexyl) Phthalate	240	BJ
117-84-0-----Di-n-Octyl Phthalate	740	U
205-99-2-----Benzo(b) Fluoranthene	18000	EX
57-97-6-----7,12-Dimethylbenzanthracene	740	U
207-08-9-----Benzo(k) Fluoranthene	18000	EX
50-32-8-----Benzo(a) Pyrene	7200	
56-49-5-----3-Methylcholanthrene	740	U
224-42-0-----Dibenzo(a, j) acridine	740	U
193-39-5-----Indeno(1, 2, 3-cd) Pyrene	2600	
53-70-3-----Dibenz(a, h) Anthracene	980	
191-24-2-----Benzo(g, h, i) Perylene	3000	

(1) - Cannot be separated from Diphenylamine

429048

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X-DPADL

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 429048

Sample wt/vol: 30.4 (g/mL) G Lab File ID: G2D29048C06

Level: (low/med) LOW Date Received: 06/29/91

% Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 07/03/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/10/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 8.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	3000	U
110-86-1	Pyridine	3000	U
97-63-2	Ethyl methacrylate	3000	U
123-63-7	Paraldehyde	3000	U
109-06-8	2-Picoline	5900	U
10595-95-6	Nitrosomethylethylamine	3000	U
66-27-3	Methyl methanesulfonate	3000	U
108-95-2	Phenol	3000	U
55-18-5	N-Nitrosodiethylamine	3000	U
62-50-0	Ethyl methanesulfonate	3000	U
62-53-3	Aniline	3000	U
76-01-7	Pentachloroethane	3000	U
111-44-4	bis(2-Chloroethyl) Ether	5900	U
95-57-8	2-Chlorophenol	3000	U
541-73-1	1,3-Dichlorobenzene	3000	U
100-44-7	Benzyl Chloride	3000	U
106-46-7	1,4-Dichlorobenzene	3000	U
100-51-6	Benzyl Alcohol	3000	U
95-50-1	1,2-Dichlorobenzene	3000	U
95-48-7	2-Methylphenol	3000	U
39638-32-9	bis(2-Chloroisopropyl) Ether	3000	U
108-39-4	3-Methylphenol	3000	U
106-44-5	4-Methylphenol	3000	U
930-55-2	N-Nitrosopyrrolidine	3000	U
59-89-2	N-Nitrosomorpholine	3000	U
98-86-2	Acetophenone	310	DJ
621-64-7	N-Nitroso-Di-n-Propylamine	3000	U
636-21-5	o-Toluidine hydrochloride	3000	U
67-72-1	Hexachloroethane	3000	U
98-95-3	Nitrobenzene	3000	U
100-75-4	N-Nitrosopiperidine	3000	U
78-59-1	Isophorone	3000	U
88-75-5	2-Nitrophenol	3000	U
105-67-9	2,4-Dimethylphenol	3000	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	3000	U
98-87-3-----	Benzal chloride	3000	U
65-85-0-----	Benzoic Acid	30000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	3000	U
120-83-2-----	2,4-Dichlorophenol	3000	U
120-82-1-----	1,2,4-Trichlorobenzene	3000	U
91-20-3-----	Naphthalene	1500	DJ
106-47-8-----	4-Chloroaniline	3000	U
87-65-0-----	2,6-Dichlorophenol	5900	U
95-54-5-----	o-Phenylenediamine	3000	U
122-09-8-----	dimethylphenylethylamine	3000	U
1888-71-7-----	Hexachloropropene	3000	U
87-68-3-----	Hexachlorobutadiene	3000	U
87-61-6-----	1,2,3-Trichlorobenzene	3000	U
98-07-7-----	Benzotrichloride	5900	U
924-16-3-----	N-Nitroso-di-n-butylamine	3000	U
59-50-7-----	4-Chloro-3-Methylphenol	3000	U
106-50-3-----	p-Phenylenediamine	3000	U
94-59-7-----	Safrole	3000	U
106-50-3-----	m-Phenylenediamine	3000	U
91-57-6-----	2-Methylnaphthalene	730	DJ
90-12-0-----	1-Methylnaphthalene	8300	D
95-94-3-----	1,2,4,5-Tetrachlorobenzene	3000	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	3000	U
77-47-4-----	Hexachlorocyclopentadiene	3000	U
88-06-2-----	2,4,6-Trichlorophenol	5900	U
95-95-4-----	2,4,5-Trichlorophenol	5900	U
120-58-1-----	Isosafrole	5900	U
91-58-7-----	2-Chloronaphthalene	3000	U
90-13-1-----	1-Chloronaphthalene	3000	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	3000	U
88-74-4-----	2-Nitroaniline	3000	U
130-15-4-----	1,4-Naphthoquinone	5900	U
100-25-4-----	1,4-Dinitrobenzene	5900	U
131-11-3-----	Dimethyl Phthalate	3000	U
208-96-8-----	Acenaphthylene	3300	D

FORM I SV-1

1/87 Rev.

G2D 9048C06



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X-DPADL

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 429048  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: G2D29048C06  
 Level: (low/med) LOW Date Received: 06/29/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 07/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/10/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 8.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	5900	U
83-32-9	Acenaphthene	2100	DJ
51-28-5	2,4-Dinitrophenol	12000	U
100-02-7	4-Nitrophenol	3000	U
132-64-9	Dibenzofuran	870	DJ
121-14-2	2,4-Dinitrotoluene	3000	U
608-93-5	Pentachlorobenzene	3000	U
91-59-8	2-Naphthylamine	5900	U
606-20-2	2,6-Dinitrotoluene	3000	U
134-32-7	1-Naphthylamine	5900	U
58-90-2	2,3,4,6-Tetrachlorophenol	5900	U
84-66-2	Diethylphthalate	3000	U
297-97-2	Zinophos	3000	U
7005-72-3	4-Chlorophenyl-phenylether	3000	U
86-73-7	Fluorene	3600	D
100-01-6	4-Nitroaniline	5900	U
99-55-8	5-Nitro-o-toluidine	5900	U
534-52-1	4,6-Dinitro-2-Methylphenol	8900	U
86-30-6	N-Nitrosodiphenylamine (1)	3000	U
122-39-4	Diphenylamine	3000	U
99-35-4	1,3,5-Trinitrobenzene	5900	U
122-66-7	1,2-Diphenylhydrazine	3000	U
62-44-2	Phenacetin	3000	U
101-55-3	4-Bromophenyl-phenylether	3000	U
2303-16-4	Diallate	3000	U
60-51-5	Dimethoate	3000	U
118-74-1	Hexachlorobenzene	3000	U
92-67-1	4-Aminobiphenyl	3000	U
23950-58-5	Pronamide	3000	U
87-86-5	Pentachlorophenol	5900	U
82-68-8	Pentachloronitrobenzene	3000	U
85-01-8	Phenanthrene	20000	D
120-12-7	Anthracene	3900	D
84-74-2	Di-n-Butylphthalate	470	DJ

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	5900	U
50-18-0-----Cyclophosphamide	14000	U
206-44-0-----Fluoranthene	12000	D
92-87-5-----Benzidine	3000	U
129-00-0-----Pyrene	20000	D
60-11-7-----p-Dimethylaminoazobenzene	3000	U
510-15-6-----Chlorobenzilate	3000	U
119-93-7-----3,3'-Dimethylbenzidine	5900	U
85-68-7-----Butylbenzylphthalate	3000	U
53-96-3-----2-Acetylaminofluorene	3000	U
101-14-4-----Methylene-bis(2-Chloroaniline	3000	U
91-94-1-----3,3'-Dichlorobenzidine	3000	U
106-51-4-----3,3'-Dimethoxybenzidine	3000	U
56-55-3-----Benzo(a)Anthracene	8000	D
218-01-9-----Chrysene	3000	U
117-81-7-----bis(2-Ethylhexyl)Phthalate	340	BDJ
117-84-0-----Di-n-Octyl Phthalate	7500	D
205-99-2-----Benzo(b)Fluoranthene	19000	D
57-97-6-----7,12-Dimethylbenzanthracene	3000	U
207-08-9-----Benzo(k)Fluoranthene	19000	DX
50-32-8-----Benzo(a)Pyrene	8200	DX
56-49-5-----3-Methylcholanthrene	3000	U
224-42-0-----Dibenzo(a,j)acridine	3000	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	2200	DJ
53-70-3-----Dibenz(a,h)Anthracene	750	DJ
191-24-2-----Benzo(g,h,i)Perylene	2400	DJ

(1) - Cannot be separated from Diphenylamine

G2029048 C06

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2SDP

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624

Matrix: (soil/water) SOIL Lab Sample ID: 417287

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH017287B04

Level: (low/med) LOW Date Received: 05/08/91

% Moisture: not dec. 22 dec. \_\_\_\_\_ Date Extracted: 05/11/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	420	U
110-86-1	Pyridine	420	U
97-63-2	Ethyl methacrylate	420	U
123-63-7	Paraldehyde	420	U
109-06-8	2-Picoline	850	U
10595-95-6	Nitrosomethylethylamine	420	U
66-27-3	Methyl methanesulfonate	420	U
108-95-2	Phenol	66	J
55-18-5	N-Nitrosodiethylamine	420	U
62-50-0	Ethyl methanesulfonate	420	U
62-53-3	Aniline	48	J
76-01-7	Pentachloroethane	420	U
111-44-4	bis(2-Chloroethyl) Ether	850	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
100-44-7	Benzyl chloride	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
39638-32-9	bis(2-Chloroisopropyl) Ether	420	U
108-39-4	3-Methylphenol	420	U
106-44-5	4-Methylphenol	420	U
930-55-2	N-Nitrosopyrrolidine	420	U
59-89-2	N-Nitrosomorpholine	420	U
98-86-2	Acetophenone	74	J
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
636-21-5	o-Toluidine hydrochloride	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
100-75-4	N-Nitrosopiperidine	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

108-70-3	1,3,5-Trichlorobenzene	420	U
98-87-3	Benzal chloride	420	U
65-85-0	Benzoic Acid	180	J
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	180	J
106-47-8	4-Chloroaniline	420	U
87-65-0	2,6-Dichlorophenol	850	U
95-54-5	o-Phenylenediamine	420	U
122-09-8	dimethylphenylethylamine	420	U
1888-71-7	Hexachloropropene	420	U
87-68-3	Hexachlorobutadiene	420	U
87-61-6	1,2,3-Trichlorobenzene	420	U
98-07-7	Benzotrichloride	850	U
924-16-3	N-Nitroso-di-n-butylamine	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
106-50-3	p-Phenylenediamine	420	U
94-59-7	Safrole	420	U
106-50-3	m-Phenylenediamine	420	U
91-57-6	2-Methylnaphthalene	76	J
90-12-0	1-Methylnaphthalene	150	J
95-94-3	1,2,4,5-Tetrachlorobenzene	420	U
634-90-2	1,2,3,5-Tetrachlorobenzene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	850	U
95-95-4	2,4,5-Trichlorophenol	850	U
120-58-1	Isosafrole	850	U
91-58-7	2-Chloronaphthalene	420	U
90-13-1	1-Chloronaphthalene	420	U
634-66-2	1,2,3,4-Tetrachlorobenzene	420	U
88-74-4	2-Nitroaniline	420	U
130-15-4	1,4-Naphthoquinone	850	U
100-25-4	1,4-Dinitrobenzene	850	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	540	

FORM I SV-1

1/87 Rev.

417287

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2SDP

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1624

Matrix: (soil/water) SOIL Lab Sample ID: 417287

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH017287B04

Level: (low/med) LOW Date Received: 05/08/91

% Moisture: not dec. 22 dec. \_\_\_\_\_ Date Extracted: 05/11/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/15/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	850	U
83-32-9-----	Acenaphthene	420	U
51-28-5-----	2,4-Dinitrophenol	1700	U
100-02-7-----	4-Nitrophenol	420	U
132-64-9-----	Dibenzofuran	420	U
121-14-2-----	2,4-Dinitrotoluene	420	U
608-93-5-----	Pentachlorobenzene	420	U
91-59-8-----	2-Naphthylamine	850	U
606-20-2-----	2,6-Dinitrotoluene	420	U
134-32-7-----	1-Naphthylamine	850	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	850	U
84-66-2-----	Diethylphthalate	420	U
297-97-2-----	Zinophos	420	U
7005-72-3-----	4-Chlorophenyl-phenylether	420	U
86-73-7-----	Fluorene	160	J
100-01-6-----	4-Nitroaniline	850	U
99-55-8-----	5-Nitro-o-toluidine	850	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	420	U
122-39-4-----	Diphenylamine	420	U
99-35-4-----	1,3,5-Trinitrobenzene	850	U
122-66-7-----	1,2-Diphenylhydrazine	420	U
62-44-2-----	Phenacetin	420	U
101-55-3-----	4-Bromophenyl-phenylether	420	U
2303-16-4-----	Diallate	420	U
60-51-5-----	Dimethoate	420	U
118-74-1-----	Hexachlorobenzene	420	U
92-67-1-----	4-Aminobiphenyl	420	U
23950-58-5-----	Pronamide	420	U
87-86-5-----	Pentachlorophenol	850	U
82-68-8-----	Pentachloronitrobenzene	420	U
85-01-8-----	Phenanthrene	920	
120-12-7-----	Anthracene	270	J
84-74-2-----	Di-n-Butylphthalate	77	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	410	U
98-87-3-----	Benzal chloride	410	U
65-85-0-----	Benzoic Acid	4100	U
111-91-1-----	bis(2-Chloroethoxy)Methane	410	U
120-83-2-----	2,4-Dichlorophenol	410	U
120-82-1-----	1,2,4-Trichlorobenzene	410	U
91-20-3-----	Naphthalene	410	U
106-47-8-----	4-Chloroaniline	410	U
87-65-0-----	2,6-Dichlorophenol	820	U
95-54-5-----	o-Phenylenediamine	410	U
122-09-8-----	dimethylphenylethylamine	410	U
1888-71-7-----	Hexachloropropene	410	U
87-68-3-----	Hexachlorobutadiene	410	U
87-61-6-----	1,2,3-Trichlorobenzene	410	U
98-07-7-----	Benzotrichloride	820	U
924-16-3-----	N-Nitroso-di-n-butylamine	410	U
59-50-7-----	4-Chloro-3-Methylphenol	410	U
106-50-3-----	P-Phenylenediamine	410	U
94-59-7-----	Safrole	410	U
106-50-3-----	m-Phenylenediamine	410	U
91-57-6-----	2-Methylnaphthalene	410	U
90-12-0-----	1-Methylnaphthalene	410	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	410	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	410	U
77-47-4-----	Hexachlorocyclopentadiene	410	U
88-06-2-----	2,4,6-Trichlorophenol	820	U
95-95-4-----	2,4,5-Trichlorophenol	820	U
120-58-1-----	Isosafrole	820	U
91-58-7-----	2-Chloronaphthalene	410	U
90-13-1-----	1-Chloronaphthalene	410	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	410	U
88-74-4-----	2-Nitroaniline	410	U
130-15-4-----	1,4-Naphthoquinone	820	U
100-25-4-----	1,4-Dinitrobenzene	820	U
131-11-3-----	Dimethyl Phthalate	410	U
208-96-8-----	Acenaphthylene	410	U

FORM I SV-1

1/87 Rev.

428067

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y230204

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428067  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028067C22  
 Level: (low/med) LOW Date Received: 06/22/91  
 % Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 06/27/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/01/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2	3-Nitroaniline	820	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
608-93-5	Pentachlorobenzene	410	U
91-59-8	2-Naphthylamine	820	U
606-20-2	2,6-Dinitrotoluene	410	U
134-32-7	1-Naphthylamine	820	U
58-90-2	2,3,4,6-Tetrachlorophenol	820	U
84-66-2	Diethylphthalate	410	U
297-97-2	Zinophos	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	820	U
99-55-8	5-Nitro-o-toluidine	820	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
122-39-4	Diphenylamine	410	U
99-35-4	1,3,5-Trinitrobenzene	820	U
122-66-7	1,2-Diphenylhydrazine	410	U
62-44-2	Phenacetin	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
2303-16-4	Diallate	410	U
60-51-5	Dimethoate	410	U
118-74-1	Hexachlorobenzene	410	U
92-67-1	4-Aminobiphenyl	410	U
23950-58-5	Pronamide	410	U
87-86-5	Pentachlorophenol	820	U
82-68-8	Pentachloronitrobenzene	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	410	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	820	U
50-18-0-----Cyclophosphamide	2000	U
206-44-0-----Fluoranthene	83	J
92-87-5-----Benzidine	410	U
129-00-0-----Pyrene	82	J
60-11-7-----p-Dimethylaminoazobenzene	410	U
510-15-6-----Chlorobenzilate	410	U
119-93-7-----3,3'-Dimethylbenzidine	820	U
85-68-7-----Butylbenzylphthalate	410	U
53-96-3-----2-Acetylaminofluorene	410	U
101-14-4-----Methylene-bis(2-Chloroaniline	410	U
91-94-1-----3,3'-Dichlorobenzidine	410	U
106-51-4-----3,3'-Dimethoxybenzidine	410	U
56-55-3-----Benzo(a)Anthracene	64	J
218-01-9-----Chrysene	78	J
117-81-7-----bis(2-Ethylhexyl)Phthalate	160	BJ
117-84-0-----Di-n-Octyl Phthalate	410	U
205-99-2-----Benzo(b)Fluoranthene	160	JX
57-97-6-----7,12-Dimethylbenzanthracene	410	U
207-08-9-----Benzo(k)Fluoranthene	160	JX
50-32-8-----Benzo(a)Pyrene	66	J
56-49-5-----3-Methylcholanthrene	410	U
224-42-0-----Dibenzo(a,j)acridine	410	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	45	J
53-70-3-----Dibenz(a,h)Anthracene	410	U
191-24-2-----Benzo(g,h,i)Perylene	50	J

(1) - Cannot be separated from Diphenylamine

429067

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y240810

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428276

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028276C22

Level: (low/med) LOW Date Received: 06/25/91

% Moisture: not dec. 18 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	400	U
110-86-1	Pyridine	400	U
97-63-2	Ethyl methacrylate	400	U
123-63-7	Paraldehyde	400	U
109-06-8	2-Picoline	810	U
10595-95-6	Nitrosomethylethylamine	400	U
66-27-3	Methyl methanesulfonate	400	U
108-95-2	Phenol	400	U
55-18-5	N-Nitrosodiethylamine	400	U
62-50-0	Ethyl methanesulfonate	400	U
62-53-3	Aniline	400	U
76-01-7	Pentachloroethane	400	U
111-44-4	bis(2-Chloroethyl) Ether	810	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
100-44-7	Benzyl Chloride	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
39638-32-9	bis(2-Chloroisopropyl) Ether	400	U
108-39-4	3-Methylphenol	400	U
106-44-5	4-Methylphenol	400	U
930-55-2	N-Nitrosopyrrolidine	400	U
59-89-2	N-Nitrosomorpholine	400	U
98-86-2	Acetophenone	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
636-21-5	o-Toluidine hydrochloride	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
100-75-4	N-Nitrosopiperidine	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	400	U
98-87-3-----	Benzal chloride	400	U
65-85-0-----	Benzoic Acid	4000	U
111-91-1-----	bis(2-Chloroethoxy)Methane	400	U
120-83-2-----	2,4-Dichlorophenol	400	U
120-82-1-----	1,2,4-Trichlorobenzene	400	U
91-20-3-----	Naphthalene	400	U
106-47-8-----	4-Chloroaniline	400	U
87-65-0-----	2,6-Dichlorophenol	810	U
95-54-5-----	o-Phenylenediamine	400	U
122-09-8-----	dimethylphenylethylamine	400	U
1888-71-7-----	Hexachloropropene	400	U
87-68-3-----	Hexachlorobutadiene	400	U
87-61-6-----	1,2,3-Trichlorobenzene	400	U
98-07-7-----	Benzotrichloride	810	U
924-16-3-----	N-Nitroso-di-n-butylamine	400	U
59-50-7-----	4-Chloro-3-Methylphenol	400	U
106-50-3-----	P-Phenylenediamine	400	U
94-59-7-----	Safrole	400	U
106-50-3-----	m-Phenylenediamine	400	U
91-57-6-----	2-Methylnaphthalene	400	U
90-12-0-----	1-Methylnaphthalene	400	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	400	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	400	U
77-47-4-----	Hexachlorocyclopentadiene	400	U
88-06-2-----	2,4,6-Trichlorophenol	810	U
95-95-4-----	2,4,5-Trichlorophenol	810	U
120-58-1-----	Isosafrole	810	U
91-58-7-----	2-Chloronaphthalene	400	U
90-13-1-----	1-Chloronaphthalene	400	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	400	U
88-74-4-----	2-Nitroaniline	400	U
130-15-4-----	1,4-Napthoquinone	810	U
100-25-4-----	1,4-Dinitrobenzene	810	U
131-11-3-----	Dimethyl Phthalate	400	U
208-96-8-----	Acenaphthylene	400	U

FORM I SV-1

1/87 Rev.

428 276

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y240810

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428276

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028276C22

Level: (low/med) LOW Date Received: 06/25/91

% Moisture: not dec. 18 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	52	J
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	400	U
132-64-9	Dibenzofuran	43	J
121-14-2	2,4-Dinitrotoluene	400	U
608-93-5	Pentachlorobenzene	400	U
91-59-8	2-Naphthylamine	810	U
606-20-2	2,6-Dinitrotoluene	400	U
134-32-7	1-Naphthylamine	810	U
58-90-2	2,3,4,6-Tetrachlorophenol	810	U
84-66-2	Diethylphthalate	400	U
297-97-2	Zinophos	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	52	J
100-01-6	4-Nitroaniline	810	U
99-55-8	5-Nitro-o-toluidine	810	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
122-39-4	Diphenylamine	400	U
99-35-4	1,3,5-Trinitrobenzene	810	U
122-66-7	1,2-Diphenylhydrazine	400	U
62-44-2	Phenacetin	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
2303-16-4	Diallate	400	U
60-51-5	Dimethoate	400	U
118-74-1	Hexachlorobenzene	400	U
92-67-1	4-Aminobiphenyl	400	U
23950-58-5	Pronamide	400	U
87-86-5	Pentachlorophenol	810	U
82-68-8	Pentachloronitrobenzene	400	U
85-01-8	Phenanthrene	480	
120-12-7	Anthracene	78	J
84-74-2	Di-n-Butylphthalate	400	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	810	U
50-18-0-----Cyclophosphamide	2000	U
206-44-0-----Fluoranthene	850	
92-87-5-----Benzidine	400	U
129-00-0-----Pyrene	630	
60-11-7-----p-Dimethylaminoazobenzene	400	U
510-15-6-----Chlorobenzilate	400	U
119-93-7-----3,3'-Dimethylbenzidine	810	U
85-68-7-----Butylbenzylphthalate	400	U
53-96-3-----2-Acetylaminofluorene	400	U
101-14-4-----Methylene-bis(2-Chloroaniline	400	U
91-94-1-----3,3'-Dichlorobenzidine	400	U
106-51-4-----3,3'-Dimethoxybenzidine	400	U
56-55-3-----Benzo(a)Anthracene	280	J
218-01-9-----Chrysene	420	
117-81-7-----bis(2-Ethylhexyl) Phthalate	350	BJ
117-84-0-----Di-n-Octyl Phthalate	400	U
205-99-2-----Benzo(b) Fluoranthene	670	X
57-97-6-----7,12-Dimethylbenzanthracene	400	U
207-08-9-----Benzo(k) Fluoranthene	670	X
50-32-8-----Benzo(a) Pyrene	320	J
56-49-5-----3-Methylcholanthrene	400	U
224-42-0-----Dibenzo(a,j) acridine	400	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	210	J
53-70-3-----Dibenz(a,h) Anthracene	97	J
191-24-2-----Benzo(g,h,i) Perylene	240	J

(1) - Cannot be separated from Diphenylamine

428 276

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y260204

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428059

Sample wt/vol: 30.7 (g/mL) G Lab File ID: GH028059B04

Level: (low/med) LOW Date Received: 06/22/91

% Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/27/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	410	U
110-86-1	Pyridine	410	U
97-63-2	Ethyl methacrylate	410	U
123-63-7	Paraldehyde	410	U
109-06-8	2-Picoline	820	U
10595-95-6	Nitrosomethylethylamine	410	U
66-27-3	Methyl methanesulfonate	410	U
108-95-2	Phenol	410	U
55-18-5	N-Nitrosodiethylamine	410	U
62-50-0	Ethyl methanesulfonate	410	U
62-53-3	Aniline	410	U
76-01-7	Pentachloroethane	410	U
111-44-4	bis(2-Chloroethyl) Ether	820	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
39638-32-9	bis(2-Chloroisopropyl) Ether	410	U
108-39-4	3-Methylphenol	410	U
106-44-5	4-Methylphenol	410	U
930-55-2	N-Nitrosopyrrolidine	410	U
59-89-2	N-Nitrosomorpholine	410	U
98-86-2	Acetophenone	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
636-21-5	o-Toluidine hydrochloride	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
100-75-4	N-Nitrosopiperidine	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
108-70-3	1,3,5-Trichlorobenzene	410	U

FORM I SV-1

1/87 Rev.

98-87-3	Benzal Chloride	410	U
65-85-0	Benzoic Acid	940	J
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-65-0	2,6-Dichlorophenol	820	U
95-54-5	o-Phenylenediamine	410	U
122-09-8	dimethylphenylethylamine	410	U
1888-71-7	Hexachloropropene	410	U
87-68-3	Hexachlorobutadiene	410	U
87-61-6	1,2,3-Trichlorobenzene	410	U
98-07-7	Benzotrichloride	820	U
924-16-3	N-Nitroso-di-n-butylamine	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
106-50-3	P-Phenylenediamine	410	U
94-59-7	Safrole	410	U
106-50-3	m-Phenylenediamine	410	U
91-57-6	2-Methylnaphthalene	410	U
90-12-0	1-Methylnaphthalene	410	U
95-94-3	1,2,4,5-Tetrachlorobenzene	410	U
634-90-2	1,2,3,5-Tetrachlorobenzene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	820	U
95-95-4	2,4,5-Trichlorophenol	820	U
120-58-1	Isosafrole	820	U
91-58-7	2-Chloronaphthalene	410	U
90-13-1	1-Chloronaphthalene	410	U
634-66-2	1,2,3,4-Tetrachlorobenzene	410	U
88-74-4	2-Nitroaniline	410	U
130-15-4	1,4-Naphthoquinone	820	U
100-25-4	1,4-Dinitrobenzene	820	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U

428057

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y260204

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428059  
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: GH028059B04  
 Level: (low/med) LOW Date Received: 06/22/91  
 % Moisture: not dec. 21 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/27/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	820	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
608-93-5	Pentachlorobenzene	410	U
91-59-8	2-Naphthylamine	820	U
606-20-2	2,6-Dinitrotoluene	410	U
134-32-7	1-Naphthylamine	820	U
58-90-2	2,3,4,6-Tetrachlorophenol	820	U
84-66-2	Diethylphthalate	410	U
297-97-2	Zinophos	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	820	U
99-55-8	5-Nitro-o-toluidine	820	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
122-39-4	Diphenylamine	410	U
99-35-4	1,3,5-Trinitrobenzene	820	U
122-66-7	1,2-Diphenylhydrazine	410	U
62-44-2	Phenacetin	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
2303-16-4	Diallate	410	U
60-51-5	Dimethoate	410	U
118-74-1	Hexachlorobenzene	410	U
92-67-1	4-Aminobiphenyl	410	U
23950-58-5	Pronamide	410	U
87-86-5	Pentachlorophenol	820	U
82-68-8	Pentachloronitrobenzene	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	410	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	150	J
50-18-0-----	Cyclophosphamide	2000	U
206-44-0-----	Fluoranthene	410	U
92-87-5-----	Benzidine	410	U
129-00-0-----	Pyrene	410	U
60-11-7-----	p-Dimethylaminoazobenzene	410	U
510-15-6-----	Chlorobenzilate	410	U
119-93-7-----	3,3'-Dimethylbenzidine	820	U
85-68-7-----	Butylbenzylphthalate	410	U
53-96-3-----	2-Acetylaminofluorene	410	U
101-14-4-----	Methylene-bis(2-Chloroaniline	410	U
91-94-1-----	3,3'-Dichlorobenzidine	410	U
106-51-4-----	3,3'-Dimethoxybenzidine	410	U
56-55-3-----	Benzo(a) Anthracene	410	U
218-01-9-----	Chrysene	410	U
117-81-7-----	bis(2-Ethylhexyl) Phthalate	150	BJ
117-84-0-----	Di-n-Octyl Phthalate	410	U
205-99-2-----	Benzo(b) Fluoranthene	410	U
57-97-6-----	7,12-Dimethylbenzanthracene	410	U
207-08-9-----	Benzo(k) Fluoranthene	410	U
50-32-8-----	Benzo(a) Pyrene	410	U
56-49-5-----	3-Methylcholanthrene	410	U
224-42-0-----	Dibenzo(a,j) acridine	410	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	410	U
53-70-3-----	Dibenz(a,h) Anthracene	410	U
191-24-2-----	Benzo(g,h,i) Perylene	410	U

(1) - Cannot be separated from Diphenylamine

428059



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y270406

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 428293  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028293C22  
 Level: (low/med) LOW Date Received: 06/25/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 06/26/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9	N-Nitrosodimethylamine	370	U
110-86-1	Pyridine	370	U
97-63-2	Ethyl methacrylate	370	U
123-63-7	Paraldehyde	370	U
109-06-8	2-Picoline	750	U
10595-95-6	Nitrosomethylethylamine	370	U
66-27-3	Methyl methanesulfonate	370	U
108-95-2	Phenol	370	U
55-18-5	N-Nitrosodiethylamine	370	U
62-50-0	Ethyl methanesulfonate	370	U
62-53-3	Aniline	370	U
76-01-7	Pentachloroethane	370	U
111-44-4	bis(2-Chloroethyl) Ether	750	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
100-44-7	Benzyl Chloride	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
39638-32-9	bis(2-Chloroisopropyl) Ether	370	U
108-39-4	3-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
930-55-2	N-Nitrosopyrrolidine	370	U
59-89-2	N-Nitrosomorpholine	370	U
98-86-2	Acetophenone	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
636-21-5	o-Toluidine hydrochloride	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
100-75-4	N-Nitrosopiperidine	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	370	U
98-87-3-----	Benzal chloride	370	U
65-85-0-----	Benzoic Acid	3700	U
111-91-1-----	bis(2-Chloroethoxy)Methane	370	U
120-83-2-----	2,4-Dichlorophenol	370	U
120-82-1-----	1,2,4-Trichlorobenzene	370	U
91-20-3-----	Naphthalene	370	U
106-47-8-----	4-Chloroaniline	370	U
87-65-0-----	2,6-Dichlorophenol	750	U
95-54-5-----	o-Phenylenediamine	370	U
122-09-8-----	dimethylphenylethylamine	370	U
1888-71-7-----	Hexachloropropene	370	U
87-68-3-----	Hexachlorobutadiene	370	U
87-61-6-----	1,2,3-Trichlorobenzene	370	U
98-07-7-----	Benzotrichloride	750	U
924-16-3-----	N-Nitroso-di-n-butylamine	370	U
59-50-7-----	4-Chloro-3-Methylphenol	370	U
106-50-3-----	P-Phenylenediamine	370	U
94-59-7-----	Safrole	370	U
106-50-3-----	m-Phenylenediamine	370	U
91-57-6-----	2-Methylnaphthalene	370	U
90-12-0-----	1-Methylnaphthalene	370	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	370	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	370	U
77-47-4-----	Hexachlorocyclopentadiene	370	U
88-06-2-----	2,4,6-Trichlorophenol	750	U
95-95-4-----	2,4,5-Trichlorophenol	750	U
120-58-1-----	Isosafrole	750	U
91-58-7-----	2-Chloronaphthalene	370	U
90-13-1-----	1-Chloronaphthalene	370	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	370	U
88-74-4-----	2-Nitroaniline	370	U
130-15-4-----	1,4-Naphthoquinone	750	U
100-25-4-----	1,4-Dinitrobenzene	750	U
131-11-3-----	Dimethyl Phthalate	370	U
208-96-8-----	Acenaphthylene	370	U

FORM I SV-1

1/87 Rev.

428059

91-80-5-----Methapyrilene	750	U
50-18-0-----Cyclophosphamide	1800	U
206-44-0-----Fluoranthene	370	U
92-87-5-----Benzidine	370	U
129-00-0-----Pyrene	370	U
60-11-7-----p-Dimethylaminoazobenzene	370	U
510-15-6-----Chlorobenzilate	370	U
119-93-7-----3,3'-Dimethylbenzidine	750	U
85-68-7-----Butylbenzylphthalate	370	U
53-96-3-----2-Acetylaminofluorene	370	U
101-14-4-----Methylene-bis(2-Chloroaniline)	370	U
91-94-1-----3,3'-Dichlorobenzidine	370	U
106-51-4-----3,3'-Dimethoxybenzidine	370	U
56-55-3-----Benzo(a)Anthracene	370	U
218-01-9-----Chrysene	370	U
117-81-7-----bis(2-Ethylhexyl)Phthalate	130	BJ
117-84-0-----Di-n-Octyl Phthalate	370	U
205-99-2-----Benzo(b)Fluoranthene	370	U
57-97-6-----7,12-Dimethylbenzanthracene	370	U
207-08-9-----Benzo(k)Fluoranthene	370	U
50-32-8-----Benzo(a)Pyrene	370	U
56-49-5-----3-Methylcholanthrene	370	U
224-42-0-----Dibenzo(a,j)acridine	370	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	370	U
53-70-3-----Dibenz(a,h)Anthracene	370	U
191-24-2-----Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

428293

FORM I SV-3

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2Y270406

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 428293

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH028293C22

Level: (low/med) LOW Date Received: 06/25/91

% Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 06/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/28/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	750	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	370	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
608-93-5	Pentachlorobenzene	370	U
91-59-8	2-Naphthylamine	750	U
606-20-2	2,6-Dinitrotoluene	370	U
134-32-7	1-Naphthylamine	750	U
58-90-2	2,3,4,6-Tetrachlorophenol	750	U
84-66-2	Diethylphthalate	370	U
297-97-2	Zinophos	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	750	U
99-55-8	5-Nitro-o-toluidine	750	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
122-39-4	Diphenylamine	370	U
99-35-4	1,3,5-Trinitrobenzene	750	U
122-66-7	1,2-Diphenylhydrazine	370	U
62-44-2	Phenacetin	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
2303-16-4	Diallate	370	U
60-51-5	Dimethoate	370	U
118-74-1	Hexachlorobenzene	370	U
92-67-1	4-Aminobiphenyl	370	U
23950-58-5	Pronamide	370	U
87-86-5	Pentachlorophenol	750	U
82-68-8	Pentachloronitrobenzene	370	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-1

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424490

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD024490A22

Level: (low/med) LOW Date Received: 06/08/91

% Moisture: not dec. 16 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	790	U
110-86-1	Pyridine	790	U
97-63-2	Ethyl methacrylate	790	U
123-63-7	Paraldehyde	790	U
109-06-8	2-Picoline	1600	U
10595-95-6	Nitrosomethylethylamine	790	U
66-27-3	Methyl methanesulfonate	790	U
108-95-2	Phenol	790	U
55-18-5	N-Nitrosodiethylamine	790	U
62-50-0	Ethyl methanesulfonate	790	U
62-53-3	Aniline	790	U
76-01-7	Pentachloroethane	790	U
111-44-4	bis(2-Chloroethyl) Ether	1600	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	790	U
100-44-7	Benzyl Chloride	790	U
106-46-7	1,4-Dichlorobenzene	790	U
100-51-6	Benzyl Alcohol	790	U
95-50-1	1,2-Dichlorobenzene	790	U
95-48-7	2-Methylphenol	790	U
39638-32-9	bis(2-Chloroisopropyl) Ether	790	U
108-39-4	3-Methylphenol	790	U
106-44-5	4-Methylphenol	790	U
930-55-2	N-Nitrosopyrrolidine	790	U
59-89-2	N-Nitrosomorpholine	790	U
98-86-2	Acetophenone	790	U
621-64-7	N-Nitroso-Di-n-Propylamine	790	U
636-21-5	o-Toluidine hydrochloride	790	U
67-72-1	Hexachloroethane	790	U
98-95-3	Nitrobenzene	790	U
100-75-4	N-Nitrosopiperidine	790	U
78-59-1	Isophorone	790	U
88-75-5	2-Nitrophenol	790	U
105-67-9	2,4-Dimethylphenol	790	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	790	U
98-87-3-----	Benzal chloride	790	U
65-85-0-----	Benzoic Acid	120	J
111-91-1-----	bis(2-Chloroethoxy)Methane	790	U
120-83-2-----	2,4-Dichlorophenol	790	U
120-82-1-----	1,2,4-Trichlorobenzene	710	J
91-20-3-----	Naphthalene	1700	
106-47-8-----	4-Chloroaniline	790	U
87-65-0-----	2,6-Dichlorophenol	1600	U
95-54-5-----	o-Phenylenediamine	790	U
122-09-8-----	dimethylphenylethylamine	790	U
1888-71-7-----	Hexachloropropene	790	U
87-68-3-----	Hexachlorobutadiene	790	U
87-61-6-----	1,2,3-Trichlorobenzene	200	J
98-07-7-----	Benzotrichloride	1600	U
924-16-3-----	N-Nitroso-di-n-butylamine	790	U
59-50-7-----	4-Chloro-3-Methylphenol	790	U
106-50-3-----	P-Phenylenediamine	790	U
94-59-7-----	Safrole	790	U
106-50-3-----	m-Phenylenediamine	790	U
91-57-6-----	2-Methylnaphthalene	410	J
90-12-0-----	1-Methylnaphthalene	560	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	790	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	790	U
77-47-4-----	Hexachlorocyclopentadiene	790	U
88-06-2-----	2,4,6-Trichlorophenol	1600	U
95-95-4-----	2,4,5-Trichlorophenol	1600	U
120-58-1-----	Isosafrole	1600	U
91-58-7-----	2-Chloronaphthalene	790	U
90-13-1-----	1-Chloronaphthalene	790	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	310	J
88-74-4-----	2-Nitroaniline	790	U
130-15-4-----	1,4-Napthoquinone	1600	U
100-25-4-----	1,4-Dinitrobenzene	1600	U
131-11-3-----	Dimethyl Phthalate	790	U
208-96-8-----	Acenaphthylene	890	

FORM I SV-1

1/87 Rev.

424490

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-1

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424490

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD024490A22

Level: (low/med) LOW Date Received: 06/08/91

% Moisture: not dec. 16 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	1700	
51-28-5	2,4-Dinitrophenol	3100	U
100-02-7	4-Nitrophenol	790	U
132-64-9	Dibenzofuran	1100	
121-14-2	2,4-Dinitrotoluene	790	U
608-93-5	Pentachlorobenzene	790	U
91-59-8	2-Naphthylamine	1600	U
606-20-2	2,6-Dinitrotoluene	790	U
134-32-7	1-Naphthylamine	1600	U
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U
84-66-2	Diethylphthalate	790	U
297-97-2	Zinophos	790	U
7005-72-3	4-Chlorophenyl-phenylether	790	U
86-73-7	Fluorene	2000	
100-01-6	4-Nitroaniline	1600	U
99-55-8	5-Nitro-o-toluidine	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	2400	U
86-30-6	N-Nitrosodiphenylamine (1)	790	U
122-39-4	Diphenylamine	790	U
99-35-4	1,3,5-Trinitrobenzene	1600	U
122-66-7	1,2-Diphenylhydrazine	790	U
62-44-2	Phenacetin	790	U
101-55-3	4-Bromophenyl-phenylether	790	U
2303-16-4	Diallate	790	U
60-51-5	Dimethoate	790	U
118-74-1	Hexachlorobenzene	790	U
92-67-1	4-Aminobiphenyl	790	U
23950-58-5	Pronamide	790	U
87-86-5	Pentachlorophenol	1600	U
82-68-8	Pentachloronitrobenzene	790	U
85-01-8	Phenanthrene	15000	E
120-12-7	Anthracene	4500	
84-74-2	Di-n-Butylphthalate	120	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	1600	U
50-18-0-----	Cyclophosphamide	3800	U
206-44-0-----	Fluoranthene	18000	E
92-87-5-----	Benzidine	790	U
129-00-0-----	Pyrene	22000	E
60-11-7-----	p-Dimethylaminoazobenzene	790	U
510-15-6-----	Chlorobenzilate	790	U
119-93-7-----	3,3'-Dimethylbenzidine	1600	U
85-68-7-----	Butylbenzylphthalate	790	U
53-96-3-----	2-Acetylaminofluorene	790	U
101-14-4-----	Methylene-bis(2-Chloroaniline	790	U
91-94-1-----	3,3'-Dichlorobenzidine	790	U
106-51-4-----	3,3'-Dimethoxybenzidine	790	U
56-55-3-----	Benzo(a)Anthracene	15000	E
218-01-9-----	Chrysene	14000	E
117-81-7-----	bis(2-Ethylhexyl)Phthalate	790	U
117-84-0-----	Di-n-Octyl Phthalate	790	U
205-99-2-----	Benzo(b)Fluoranthene	23000	EX
57-97-6-----	7,12-Dimethylbenzanthracene	790	U
207-08-9-----	Benzo(k)Fluoranthene	23000	EX
50-32-8-----	Benzo(a)Pyrene	11000	
56-49-5-----	3-Methylcholanthrene	790	U
224-42-0-----	Dibenzo(a,j)acridine	790	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	6000	
53-70-3-----	Dibenz(a,h)Anthracene	3200	
191-24-2-----	Benzo(g,h,i)Perylene	5600	

(1) - Cannot be separated from Diphenylamine

424490

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-1DL

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424490

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2D24490A22

Level: (low/med) LOW Date Received: 06/08/91

% Moisture: not dec. 16 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	3900	U
110-86-1	Pyridine	3900	U
97-63-2	Ethyl methacrylate	3900	U
123-63-7	Paraldehyde	3900	U
109-06-8	2-Picoline	7900	U
10595-95-6	Nitrosomethylethylamine	3900	U
66-27-3	Methyl methanesulfonate	3900	U
108-95-2	Phenol	3900	U
55-18-5	N-Nitrosodiethylamine	3900	U
62-50-0	Ethyl methanesulfonate	3900	U
62-53-3	Aniline	3900	U
76-01-7	Pentachloroethane	3900	U
111-44-4	bis(2-Chloroethyl) Ether	7900	U
95-57-8	2-Chlorophenol	3900	U
541-73-1	1,3-Dichlorobenzene	3900	U
100-44-7	Benzyl Chloride	3900	U
106-46-7	1,4-Dichlorobenzene	3900	U
100-51-6	Benzyl Alcohol	3900	U
95-50-1	1,2-Dichlorobenzene	3900	U
95-48-7	2-Methylphenol	3900	U
39638-32-9	bis(2-Chloroisopropyl) Ether	3900	U
108-39-4	3-Methylphenol	3900	U
106-44-5	4-Methylphenol	3900	U
930-55-2	N-Nitrosopyrrolidine	3900	U
59-89-2	N-Nitrosomorpholine	3900	U
98-86-2	Acetophenone	3900	U
621-64-7	N-Nitroso-Di-n-Propylamine	3900	U
636-21-5	o-Toluidine hydrochloride	3900	U
67-72-1	Hexachloroethane	3900	U
98-95-3	Nitrobenzene	3900	U
100-75-4	N-Nitrosopiperidine	3900	U
78-59-1	Isophorone	3900	U
88-75-5	2-Nitrophenol	3900	U
105-67-9	2,4-Dimethylphenol	3900	U

FORM I SV-1

1/87 Rev.

108-70-3-----1,3,5-Trichlorobenzene	3900	U
98-87-3-----Benzal chloride	3900	U
65-85-0-----Benzoic Acid	39000	U
111-91-1-----bis(2-Chloroethoxy)Methane	3900	U
120-83-2-----2,4-Dichlorophenol	3900	U
120-82-1-----1,2,4-Trichlorobenzene	810	JXD
91-20-3-----Naphthalene	1700	DJ
106-47-8-----4-Chloroaniline	3900	U
87-65-0-----2,6-Dichlorophenol	7900	U
95-54-5-----o-Phenylenediamine	3900	U
122-09-8-----dimethylphenylethylamine	3900	U
1888-71-7-----Hexachloropropene	3900	U
87-68-3-----Hexachlorobutadiene	3900	U
87-61-6-----1,2,3-Trichlorobenzene	3900	U
98-07-7-----Benzotrichloride	7900	U
924-16-3-----N-Nitroso-di-n-butylamine	3900	U
59-50-7-----4-Chloro-3-Methylphenol	3900	U
106-50-3-----P-Phenylenediamine	3900	U
94-59-7-----Safrole	3900	U
106-50-3-----m-Phenylenediamine	3900	U
91-57-6-----2-Methylnaphthalene	3900	U
90-12-0-----1-Methylnaphthalene	540	DJ
95-94-3-----1,2,4,5-Tetrachlorobenzene	3900	U
634-90-2-----1,2,3,5-Tetrachlorobenzene	3900	U
77-47-4-----Hexachlorocyclopentadiene	3900	U
88-06-2-----2,4,6-Trichlorophenol	7900	U
95-95-4-----2,4,5-Trichlorophenol	7900	U
120-58-1-----Isosafrole	7900	U
91-58-7-----2-Chloronaphthalene	3900	U
90-13-1-----1-Chloronaphthalene	3900	U
634-66-2-----1,2,3,4-Tetrachlorobenzene	3900	U
88-74-4-----2-Nitroaniline	3900	U
130-15-4-----1,4-Naphthoquinone	7900	U
100-25-4-----1,4-Dinitrobenzene	7900	U
131-11-3-----Dimethyl Phthalate	3900	U
208-96-8-----Acenaphthylene	640	DJ

FORM I SV-1

1/87 Rev.

424490

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-1DL

Lab Name: COMPUCHEM, RTP Contract: 500077

b Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 424490

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G2D24490A22

Level: (low/med) LOW Date Received: 06/08/91

% Moisture: not dec. 16 dec. \_\_\_\_\_ Date Extracted: 06/10/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	7900	U
83-32-9	Acenaphthene	1300	DJ
51-28-5	2,4-Dinitrophenol	15000	U
100-02-7	4-Nitrophenol	3900	U
132-64-9	Dibenzofuran	1200	DJ
121-14-2	2,4-Dinitrotoluene	3900	U
608-93-5	Pentachlorobenzene	3900	U
91-59-8	2-Naphthylamine	7900	U
606-20-2	2,6-Dinitrotoluene	3900	U
134-32-7	1-Naphthylamine	7900	U
58-90-2	2,3,4,6-Tetrachlorophenol	7900	U
84-66-2	Diethylphthalate	3900	U
297-97-2	Zinophos	3900	U
7005-72-3	4-Chlorophenyl-phenylether	3900	U
86-73-7	Fluorene	1700	DJ
100-01-6	4-Nitroaniline	7900	U
99-55-8	5-Nitro-o-toluidine	7900	U
534-52-1	4,6-Dinitro-2-Methylphenol	12000	U
86-30-6	N-Nitrosodiphenylamine (1)	3900	U
122-39-4	Diphenylamine	3900	U
99-35-4	1,3,5-Trinitrobenzene	7900	U
122-66-7	1,2-Diphenylhydrazine	3900	U
62-44-2	Phenacetin	3900	U
101-55-3	4-Bromophenyl-phenylether	3900	U
2303-16-4	Diallate	3900	U
60-51-5	Dimethoate	3900	U
118-74-1	Hexachlorobenzene	3900	U
92-67-1	4-Aminobiphenyl	3900	U
23950-58-5	Pronamide	3900	U
87-86-5	Pentachlorophenol	7900	U
82-68-8	Pentachloronitrobenzene	3900	U
85-01-8	Phenanthrene	21000	D
120-12-7	Anthracene	5300	D
84-74-2	Di-n-Butylphthalate	3900	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	7900	U
50-18-0-----Cyclophosphamide	19000	U
206-44-0-----Fluoranthene	35000	D
92-87-5-----Benzidine	3900	U
129-00-0-----Pyrene	33000	D
60-11-7-----p-Dimethylaminoazobenzene	3900	U
510-15-6-----Chlorobenzilate	3900	U
119-93-7-----3,3'-Dimethylbenzidine	7900	U
85-68-7-----Butylbenzylphthalate	3900	U
53-96-3-----2-Acetylaminofluorene	3900	U
101-14-4-----Methylene-bis(2-Chloroaniline	3900	U
91-94-1-----3,3'-Dichlorobenzidine	3900	U
106-51-4-----3,3'-Dimethoxybenzidine	3900	U
56-55-3-----Benzo(a)Anthracene	17000	D
218-01-9-----Chrysene	18000	D
117-81-7-----bis(2-Ethylhexyl) Phthalate	3900	U
117-84-0-----Di-n-Octyl Phthalate	3900	U
205-99-2-----Benzo(b)Fluoranthene	31000	XD
57-97-6-----7,12-Dimethylbenzanthracene	3900	U
207-08-9-----Benzo(k)Fluoranthene	31000	DX
50-32-8-----Benzo(a)Pyrene	17000	D
56-49-5-----3-Methylcholanthrene	3900	U
224-42-0-----Dibenzo(a,j)acridine	3900	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	7600	D
53-70-3-----Dibenz(a,h)Anthracene	3400	DJ
191-24-2-----Benzo(g,h,i)Perylene	7800	D

*Handwritten note:* 2/20/41

(1) - Cannot be separated from Diphenylamine

424490

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-1

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 425218  
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH025218C22  
 Level: (low/med) LOW Date Received: 06/12/91  
 % Moisture: not dec. 23 dec. \_\_\_\_\_ Date Extracted: 06/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/21/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

62-75-9-----N-Nitrosodimethylamine	430	U
110-86-1-----Pyridine	430	U
97-63-2-----Ethyl methacrylate	430	U
123-63-7-----Paraldehyde	430	U
109-06-8-----2-Picoline	850	U
10595-95-6-----Nitrosomethylethylamine	430	U
66-27-3-----Methyl methanesulfonate	430	U
108-95-2-----Phenol	430	U
55-18-5-----N-Nitrosodiethylamine	430	U
62-50-0-----Ethyl methanesulfonate	430	U
62-53-3-----Aniline	430	U
76-01-7-----Pentachloroethane	430	U
111-44-4-----bis(2-Chloroethyl) Ether	850	U
95-57-8-----2-Chlorophenol	430	U
541-73-1-----1,3-Dichlorobenzene	430	U
100-44-7-----Benzyl Chloride	430	U
106-46-7-----1,4-Dichlorobenzene	430	U
100-51-6-----Benzyl Alcohol	430	U
95-50-1-----1,2-Dichlorobenzene	430	U
95-48-7-----2-Methylphenol	430	U
39638-32-9-----bis(2-Chloroisopropyl) Ether	430	U
108-39-4-----3-Methylphenol	430	U
106-44-5-----4-Methylphenol	430	U
930-55-2-----N-Nitrosopyrrolidine	430	U
59-89-2-----N-Nitrosomorpholine	430	U
98-86-2-----Acetophenone	430	U
621-64-7-----N-Nitroso-Di-n-Propylamine	430	U
636-21-5-----o-Toluidine hydrochloride	430	U
67-72-1-----Hexachloroethane	430	U
98-95-3-----Nitrobenzene	430	U
100-75-4-----N-Nitrosopiperidine	430	U
78-59-1-----Isophorone	430	U
88-75-5-----2-Nitrophenol	430	U
105-67-9-----2,4-Dimethylphenol	430	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	430	U
98-87-3-----	Benzal chloride	430	U
65-85-0-----	Benzoic Acid	4300	U
111-91-1-----	bis(2-Chloroethoxy)Methane	430	U
120-83-2-----	2,4-Dichlorophenol	430	U
120-82-1-----	1,2,4-Trichlorobenzene	430	U
91-20-3-----	Naphthalene	430	U
106-47-8-----	4-Chloroaniline	430	U
87-65-0-----	2,6-Dichlorophenol	850	U
95-54-5-----	o-Phenylenediamine	430	U
122-09-8-----	dimethylphenylethylamine	430	U
1888-71-7-----	Hexachloropropene	430	U
87-68-3-----	Hexachlorobutadiene	430	U
87-61-6-----	1,2,3-Trichlorobenzene	430	U
98-07-7-----	Benzotrichloride	850	U
924-16-3-----	N-Nitroso-di-n-butylamine	430	U
59-50-7-----	4-Chloro-3-Methylphenol	430	U
106-50-3-----	p-Phenylenediamine	430	U
94-59-7-----	Safrole	430	U
106-50-3-----	m-Phenylenediamine	430	U
91-57-6-----	2-Methylnaphthalene	430	U
90-12-0-----	1-Methylnaphthalene	46	J
95-94-3-----	1,2,4,5-Tetrachlorobenzene	430	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	430	U
77-47-4-----	Hexachlorocyclopentadiene	430	U
88-06-2-----	2,4,6-Trichlorophenol	850	U
95-95-4-----	2,4,5-Trichlorophenol	850	U
120-58-1-----	Isosafrole	850	U
91-58-7-----	2-Chloronaphthalene	430	U
90-13-1-----	1-Chloronaphthalene	430	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	430	U
88-74-4-----	2-Nitroaniline	430	U
130-15-4-----	1,4-Naphthoquinone	850	U
100-25-4-----	1,4-Dinitrobenzene	850	U
131-11-3-----	Dimethyl Phthalate	430	U
208-96-8-----	Acenaphthylene	47	J

425218

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-1

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 425218  
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH025218C22  
 Level: (low/med) LOW Date Received: 06/12/91  
 % Moisture: not dec. 23 dec. \_\_\_\_\_ Date Extracted: 06/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/21/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	850	U
83-32-9-----	Acenaphthene	430	U
51-28-5-----	2,4-Dinitrophenol	1700	U
100-02-7-----	4-Nitrophenol	430	U
132-64-9-----	Dibenzofuran	430	U
121-14-2-----	2,4-Dinitrotoluene	430	U
608-93-5-----	Pentachlorobenzene	430	U
91-59-8-----	2-Naphthylamine	850	U
606-20-2-----	2,6-Dinitrotoluene	430	U
134-32-7-----	1-Naphthylamine	850	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	850	U
84-66-2-----	Diethylphthalate	430	U
297-97-2-----	Zinophos	430	U
7005-72-3-----	4-Chlorophenyl-phenylether	430	U
86-73-7-----	Fluorene	51	J
100-01-6-----	4-Nitroaniline	850	U
99-55-8-----	5-Nitro-o-toluidine	850	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	430	U
122-39-4-----	Diphenylamine	430	U
99-35-4-----	1,3,5-Trinitrobenzene	850	U
122-66-7-----	1,2-Diphenylhydrazine	430	U
62-44-2-----	Phenacetin	430	U
101-55-3-----	4-Bromophenyl-phenylether	430	U
2303-16-4-----	Diallate	430	U
60-51-5-----	Dimethoate	430	U
118-74-1-----	Hexachlorobenzene	430	U
92-67-1-----	4-Aminobiphenyl	430	U
23950-58-5-----	Pronamide	430	U
87-86-5-----	Pentachlorophenol	850	U
82-68-8-----	Pentachloronitrobenzene	430	U
85-01-8-----	Phenanthrene	230	J
120-12-7-----	Anthracene	430	U
84-74-2-----	Di-n-Butylphthalate	430	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	850	U
50-18-0-----Cyclophosphamide	2100	U
206-44-0-----Fluoranthene	340	J
92-87-5-----Benzidine	430	U
129-00-0-----Pyrene	560	
60-11-7-----p-Dimethylaminoazobenzene	430	U
510-15-6-----Chlorobenzilate	430	U
119-93-7-----3,3'-Dimethylbenzidine	850	U
85-68-7-----Butylbenzylphthalate	430	U
53-96-3-----2-Acetylaminofluorene	430	U
101-14-4-----Methylene-bis(2-Chloroaniline	430	U
91-94-1-----3,3'-Dichlorobenzidine	430	U
106-51-4-----3,3'-Dimethoxybenzidine	430	U
56-55-3-----Benzo(a)Anthracene	290	J
218-01-9-----Chrysene	270	J
117-81-7-----bis(2-Ethylhexyl) Phthalate	280	BJ
117-84-0-----Di-n-Octyl Phthalate	430	U
205-99-2-----Benzo(b) Fluoranthene	220	J
57-97-6-----7,12-Dimethylbenzanthracene	430	U
207-08-9-----Benzo(k) Fluoranthene	330	J
50-32-8-----Benzo(a) Pyrene	290	J
56-49-5-----3-Methylcholanthrene	430	U
224-42-0-----Dibenzo(a,j) acridine	430	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	100	J
53-70-3-----Dibenz(a,h) Anthracene	430	U
191-24-2-----Benzo(g,h,i) Perylene	130	J

(1) - Cannot be separated from Diphenylamine



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-2

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659

Matrix: (soil/water) SOIL Lab Sample ID: 426988

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH026988C22

Level: (low/med) LOW Date Received: 06/19/91

% Moisture: not dec. 8 dec. \_\_\_\_\_ Date Extracted: 06/21/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/25/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
62-75-9	N-Nitrosodimethylamine	360	U
110-86-1	Pyridine	360	U
97-63-2	Ethyl methacrylate	360	U
123-63-7	Paraldehyde	360	U
109-06-8	2-Picoline	720	U
10595-95-6	Nitrosomethylethylamine	360	U
66-27-3	Methyl methanesulfonate	360	U
108-95-2	Phenol	360	U
55-18-5	N-Nitrosodiethylamine	360	U
62-50-0	Ethyl methanesulfonate	360	U
62-53-3	Aniline	360	U
76-01-7	Pentachloroethane	360	U
111-44-4	bis(2-Chloroethyl) Ether	720	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
100-44-7	Benzyl Chloride	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
39638-32-9	bis(2-Chloroisopropyl) Ether	360	U
108-39-4	3-Methylphenol	360	U
106-44-5	4-Methylphenol	360	U
930-55-2	N-Nitrosopyrrolidine	360	U
59-89-2	N-Nitrosomorpholine	360	U
98-86-2	Acetophenone	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
636-21-5	o-Toluidine hydrochloride	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
100-75-4	N-Nitrosopiperidine	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U

FORM I SV-1

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	360	U
98-87-3-----	Benzal chloride	360	U
65-85-0-----	Benzoic Acid	3600	U
111-91-1-----	bis(2-Chloroethoxy)Methane	360	U
120-83-2-----	2,4-Dichlorophenol	360	U
120-82-1-----	1,2,4-Trichlorobenzene	360	U
91-20-3-----	Naphthalene	360	U
106-47-8-----	4-Chloroaniline	360	U
87-65-0-----	2,6-Dichlorophenol	720	U
95-54-5-----	o-Phenylenediamine	360	U
122-09-8-----	dimethylphenylethylamine	360	U
1888-71-7-----	Hexachloropropene	360	U
87-68-3-----	Hexachlorobutadiene	360	U
87-61-6-----	1,2,3-Trichlorobenzene	360	U
98-07-7-----	Benzotrichloride	720	U
924-16-3-----	N-Nitroso-di-n-butylamine	360	U
59-50-7-----	4-Chloro-3-Methylphenol	360	U
106-50-3-----	P-Phenylenediamine	360	U
94-59-7-----	Safrole	360	U
106-50-3-----	m-Phenylenediamine	360	U
91-57-6-----	2-Methylnaphthalene	360	U
90-12-0-----	1-Methylnaphthalene	360	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	360	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	360	U
77-47-4-----	Hexachlorocyclopentadiene	360	U
88-06-2-----	2,4,6-Trichlorophenol	720	U
95-95-4-----	2,4,5-Trichlorophenol	720	U
120-58-1-----	Isosafrole	720	U
91-58-7-----	2-Chloronaphthalene	360	U
90-13-1-----	1-Chloronaphthalene	360	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	360	U
88-74-4-----	2-Nitroaniline	360	U
130-15-4-----	1,4-Naphthoquinone	720	U
100-25-4-----	1,4-Dinitrobenzene	720	U
131-11-3-----	Dimethyl Phthalate	360	U
208-96-8-----	Acenaphthylene	360	U

FORM I SV-1

1/87 Rev.

4 26988

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DP-2

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 426988  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH026988C22  
 Level: (low/med) LOW Date Received: 06/19/91  
 % Moisture: not dec. 8 dec. \_\_\_\_\_ Date Extracted: 06/21/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/25/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2	3-Nitroaniline	720	U
83-32-9	Acenaphthene	59	J
51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	360	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
608-93-5	Pentachlorobenzene	360	U
91-59-8	2-Naphthylamine	720	U
606-20-2	2,6-Dinitrotoluene	360	U
134-32-7	1-Naphthylamine	720	U
58-90-2	2,3,4,6-Tetrachlorophenol	720	U
84-66-2	Diethylphthalate	360	U
297-97-2	Zinophos	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	720	U
99-55-8	5-Nitro-o-toluidine	720	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
122-39-4	Diphenylamine	360	U
99-35-4	1,3,5-Trinitrobenzene	720	U
122-66-7	1,2-Diphenylhydrazine	360	U
62-44-2	Phenacetin	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
2303-16-4	Diallate	360	U
60-51-5	Dimethoate	360	U
118-74-1	Hexachlorobenzene	360	U
92-67-1	4-Aminobiphenyl	360	U
23950-58-5	Pronamide	360	U
87-86-5	Pentachlorophenol	720	U
82-68-8	Pentachloronitrobenzene	360	U
85-01-8	Phenanthrene	390	
120-12-7	Anthracene	47	J
84-74-2	Di-n-Butylphthalate	360	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----	Methapyrilene	720	U
50-18-0-----	Cyclophosphamide	1700	U
206-44-0-----	Fluoranthene	1500	
92-87-5-----	Benzidine	360	U
129-00-0-----	Pyrene	1600	
60-11-7-----	p-Dimethylaminoazobenzene	360	U
510-15-6-----	Chlorobenzilate	360	U
119-93-7-----	3,3'-Dimethylbenzidine	720	U
85-68-7-----	Butylbenzylphthalate	360	U
53-96-3-----	2-Acetylaminofluorene	360	U
101-14-4-----	Methylene-bis(2-Chloroaniline	360	U
91-94-1-----	3,3'-Dichlorobenzidine	360	U
106-51-4-----	3,3'-Dimethoxybenzidine	360	U
56-55-3-----	Benzo(a)Anthracene	770	
218-01-9-----	Chrysene	1100	
117-81-7-----	bis(2-Ethylhexyl)Phthalate	360	U
117-84-0-----	Di-n-Octyl Phthalate	38	J
205-99-2-----	Benzo(b)Fluoranthene	1100	
57-97-6-----	7,12-Dimethylbenzanthracene	360	U
207-08-9-----	Benzo(k)Fluoranthene	600	
50-32-8-----	Benzo(a)Pyrene	1000	
56-49-5-----	3-Methylcholanthrene	360	U
224-42-0-----	Dibenzo(a,j)acridine	360	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	390	
53-70-3-----	Dibenz(a,h)Anthracene	170	J
191-24-2-----	Benzo(g,h,i)Perylene	450	

(1) - Cannot be separated from Diphenylamine

426 988

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X-DPA

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 429048  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD029048C06  
 Level: (low/med) LOW Date Received: 06/29/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 07/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/10/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	740	U
110-86-1	Pyridine	740	U
97-63-2	Ethyl methacrylate	740	U
123-63-7	Paraldehyde	740	U
109-06-8	2-Picoline	1500	U
10595-95-6	Nitrosomethylethylamine	740	U
66-27-3	Methyl methanesulfonate	740	U
108-95-2	Phenol	330	J
55-18-5	N-Nitrosodiethylamine	740	U
62-50-0	Ethyl methanesulfonate	740	U
62-53-3	Aniline	740	U
76-01-7	Pentachloroethane	740	U
111-44-4	bis(2-Chloroethyl) Ether	1500	U
95-57-8	2-Chlorophenol	740	U
541-73-1	1,3-Dichlorobenzene	740	U
100-44-7	Benzyl Chloride	90	J
106-46-7	1,4-Dichlorobenzene	740	U
100-51-6	Benzyl Alcohol	740	U
95-50-1	1,2-Dichlorobenzene	740	U
95-48-7	2-Methylphenol	740	U
39638-32-9	bis(2-Chloroisopropyl) Ether	740	U
108-39-4	3-Methylphenol	740	U
106-44-5	4-Methylphenol	740	U
930-55-2	N-Nitrosopyrrolidine	740	U
59-89-2	N-Nitrosomorpholine	740	U
98-86-2	Acetophenone	450	J
621-64-7	N-Nitroso-Di-n-Propylamine	740	U
636-21-5	o-Toluidine hydrochloride	740	U
67-72-1	Hexachloroethane	740	U
98-95-3	Nitrobenzene	740	U
100-75-4	N-Nitrosopiperidine	740	U
78-59-1	Isophorone	740	U
88-75-5	2-Nitrophenol	740	U
105-67-9	2,4-Dimethylphenol	99	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	740	U
98-87-3-----	Benzal chloride	740	U
65-85-0-----	Benzoic Acid	3100	J
111-91-1-----	bis(2-Chloroethoxy)Methane	740	U
120-83-2-----	2,4-Dichlorophenol	740	U
120-82-1-----	1,2,4-Trichlorobenzene	740	U
91-20-3-----	Naphthalene	1700	
106-47-8-----	4-Chloroaniline	740	U
87-65-0-----	2,6-Dichlorophenol	1500	U
95-54-5-----	o-Phenylenediamine	740	U
122-09-8-----	dimethylphenylethylamine	740	U
1888-71-7-----	Hexachloropropene	740	U
87-68-3-----	Hexachlorobutadiene	740	U
87-61-6-----	1,2,3-Trichlorobenzene	740	U
98-07-7-----	Benzotrichloride	1500	U
924-16-3-----	N-Nitroso-di-n-butylamine	740	U
59-50-7-----	4-Chloro-3-Methylphenol	740	U
106-50-3-----	P-Phenylenediamine	740	U
94-59-7-----	Safrole	740	U
106-50-3-----	m-Phenylenediamine	740	U
91-57-6-----	2-Methylnaphthalene	890	
90-12-0-----	1-Methylnaphthalene	9300	
95-94-3-----	1,2,4,5-Tetrachlorobenzene	740	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	740	U
77-47-4-----	Hexachlorocyclopentadiene	740	U
88-06-2-----	2,4,6-Trichlorophenol	1500	U
95-95-4-----	2,4,5-Trichlorophenol	1500	U
120-58-1-----	Isosafrole	1500	U
91-58-7-----	2-Chloronaphthalene	740	U
90-13-1-----	1-Chloronaphthalene	740	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	740	U
88-74-4-----	2-Nitroaniline	740	U
130-15-4-----	1,4-Naphthoquinone	1500	U
100-25-4-----	1,4-Dinitrobenzene	1500	U
131-11-3-----	Dimethyl Phthalate	740	U
208-96-8-----	Acenaphthylene	3200	

FORM I SV-1

1/87 Rev.

429048

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2X-DPA

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1659  
 Matrix: (soil/water) SOIL Lab Sample ID: 429048  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD029048C06  
 Level: (low/med) LOW Date Received: 06/29/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 07/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/10/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1500	U
83-32-9	Acenaphthene	2300	
51-28-5	2,4-Dinitrophenol	2900	U
100-02-7	4-Nitrophenol	740	U
132-64-9	Dibenzofuran	920	
121-14-2	2,4-Dinitrotoluene	740	U
608-93-5	Pentachlorobenzene	740	U
91-59-8	2-Naphthylamine	1500	U
606-20-2	2,6-Dinitrotoluene	740	U
134-32-7	1-Naphthylamine	1500	U
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U
84-66-2	Diethylphthalate	740	U
297-97-2	Zinophos	740	U
7005-72-3	4-Chlorophenyl-phenylether	740	U
86-73-7	Fluorene	3700	
100-01-6	4-Nitroaniline	1500	U
99-55-8	5-Nitro-o-toluidine	1500	U
534-52-1	4,6-Dinitro-2-Methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine (1)	740	U
122-39-4	Diphenylamine	740	U
99-35-4	1,3,5-Trinitrobenzene	1500	U
122-66-7	1,2-Diphenylhydrazine	740	U
62-44-2	Phenacetin	740	U
101-55-3	4-Bromophenyl-phenylether	740	U
2303-16-4	Diallate	740	U
60-51-5	Dimethoate	740	U
118-74-1	Hexachlorobenzene	740	U
92-67-1	4-Aminobiphenyl	740	U
23950-58-5	Pronamide	740	U
87-86-5	Pentachlorophenol	1500	U
82-68-8	Pentachloronitrobenzene	740	U
85-01-8	Phenanthrene	20000	E
120-12-7	Anthracene	2900	
84-74-2	Di-n-Butylphthalate	460	J

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	850	U
50-18-0-----Cyclophosphamide	2100	U
206-44-0-----Fluoranthene	1000	
92-87-5-----Benzidine	420	U
129-00-0-----Pyrene	1300	
60-11-7-----p-Dimethylaminoazobenzene	420	U
510-15-6-----Chlorobenzilate	420	U
119-93-7-----3,3'-Dimethylbenzidine	850	U
85-68-7-----Butylbenzylphthalate	420	U
53-96-3-----2-Acetylaminofluorene	420	U
101-14-4-----Methylene-bis(2-chloroaniline	420	U
91-94-1-----3,3'-Dichlorobenzidine	420	U
119-90-4-----3,3'-Dimethoxybenzidine	420	U
56-55-3-----Benzo(a)Anthracene	960	
218-01-9-----Chrysene	960	
117-81-7-----bis(2-Ethylhexyl) Phthalate	2200	
117-84-0-----Di-n-Octyl Phthalate	420	U
205-99-2-----Benzo(b) Fluoranthene	810	
57-97-6-----7,12-Dimethylbenzanthracene	420	U
207-08-9-----Benzo(k) Fluoranthene	1200	
50-32-8-----Benzo(a) Pyrene	420	U
56-49-5-----3-Methylcholanthrene	420	U
224-42-0-----Dibenzo(a, j) acridine	420	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	480	
53-70-3-----Dibenz(a, h) Anthracene	250	J
191-24-2-----Benzo(g, h, i) Perylene	610	

(1) - Cannot be separated from Diphenylamine

FORM I SV-3

1/87 Rev.

417287



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG01B1214

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 27

Matrix: (soil/water) SOIL Lab Sample ID: 457848

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH057848B20

Level: (low/med) LOW Date Received: 10/25/91

% Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 11/03/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/12/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	410	U
110-86-1	Pyridine	410	U
97-63-2	Ethyl methacrylate	410	U
123-63-7	Paraldehyde	410	U
109-06-8	2-Picoline	820	U
10595-95-6	Nitrosomethylethylamine	410	U
66-27-3	Methyl methanesulfonate	410	U
55-18-5	N-Nitrosodiethylamine	410	U
62-50-0	Ethyl methanesulfonate	410	U
108-95-2	Phenol	410	U
62-53-3	Aniline	410	U
76-01-7	Pentachloroethane	410	U
111-44-4	bis(2-Chloroethyl) Ether	820	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
39638-32-9	bis(2-Chloroisopropyl) Ether	410	U
108-39-4	3-Methylphenol	410	U
106-44-5	4-Methylphenol	410	U
930-55-2	N-Nitrosopyrrolidine	410	U
59-89-2	N-Nitrosomorpholine	410	U
98-86-2	Acetophenone	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
636-21-5	o-Toluidine hydrochloride	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
100-75-4	N-Nitrosopiperidine	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
108-70-3	1,3,5-Trichlorobenzene	410	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-4

1/87 Rev.

98-87-3	-----Benzal Chloride	410	U
65-85-0	-----Benzoic Acid	4100	U
111-91-1	-----bis(2-Chloroethoxy)Methane	410	U
120-83-2	-----2,4-Dichlorophenol	410	U
120-82-1	-----1,2,4-Trichlorobenzene	410	U
91-20-3	-----Naphthalene	410	U
106-47-8	-----4-Chloroaniline	410	U
87-65-0	-----2,6-Dichlorophenol	820	U
95-54-5	-----o-Phenylenediamine	410	U
122-09-8	-----dimethylphenylethylamine	410	U
1888-71-7	-----Hexachloropropene	410	U
87-68-3	-----Hexachlorobutadiene	410	U
87-61-6	-----1,2,3-Trichlorobenzene	410	U
98-07-7	-----Benzotrichloride	820	U
924-16-3	-----N-Nitroso-di-n-butylamine	410	U
59-50-7	-----4-Chloro-3-Methylphenol	410	U
106-50-3	-----P-Phenylenediamine	410	U
94-59-7	-----Safrole	410	U
106-50-3	-----m-Phenylenediamine	410	U
91-57-6	-----2-Methylnaphthalene	410	U
90-12-0	-----1-Methylnaphthalene	410	U
95-94-3	-----1,2,4,5-Tetrachlorobenzene	410	U
634-90-2	-----1,2,3,5-Tetrachlorobenzene	410	U
77-47-4	-----Hexachlorocyclopentadiene	410	U
88-06-2	-----2,4,6-Trichlorophenol	820	U
95-95-4	-----2,4,5-Trichlorophenol	820	U
120-58-1	-----Isosafrole	820	U
91-58-7	-----2-Chloronaphthalene	410	U
90-13-1	-----1-Chloronaphthalene	410	U
634-66-2	-----1,2,3,4-Tetrachlorobenzene	410	U
88-74-4	-----2-Nitroaniline	410	U
130-15-4	-----1,4-Naphthoquinone	820	U
100-25-4	-----1,4-Dinitrobenzene	820	U
131-11-3	-----Dimethyl Phthalate	410	U
208-96-8	-----Acenaphthylene	410	U
606-20-2	-----2,6-Dinitrotoluene	410	U

45784P

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG01B1214

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 27  
 Matrix: (soil/water) SOIL Lab Sample ID: 457848  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH057848B20  
 Level: (low/med) LOW Date Received: 10/25/91  
 % Moisture: not dec. 20 dec. \_\_\_\_\_ Date Extracted: 11/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/12/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	820	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
608-93-5	Pentachlorobenzene	410	U
91-59-8	2-Naphthylamine	820	U
134-32-7	1-Naphthylamine	820	U
58-90-2	2,3,4,6-Tetrachlorophenol	820	U
84-66-2	Diethylphthalate	410	U
297-97-2	Zinophos	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	820	U
99-55-8	5-Nitro-o-toluidine	820	U
122-66-7	1,2-Diphenylhydrazine	410	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
122-39-4	Diphenylamine	410	U
99-35-4	1,3,5-Trinitrobenzene	820	U
62-44-2	Phenacetin	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
2303-16-4	Diallate	410	U
60-51-5	Dimethoate	410	U
118-74-1	Hexachlorobenzene	410	U
92-67-1	4-Aminobiphenyl	410	U
23950-58-5	Pronamide	410	U
87-86-5	Pentachlorophenol	820	U
82-68-8	Pentachloronitrobenzene	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	410	U
91-80-5	Methapyrilene	820	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

50-18-0-----	Cyclophosphamide	2000	U
206-44-0-----	Fluoranthene	410	U
92-87-5-----	Benzidine	410	U
129-00-0-----	Pyrene	410	U
60-11-7-----	p-Dimethylaminoazobenzene	410	U
510-15-6-----	Chlorobenzilate	410	U
119-93-7-----	3,3'-Dimethylbenzidine	820	U
85-68-7-----	Butylbenzylphthalate	410	U
53-96-3-----	2-Acetylaminofluorene	410	U
101-14-4-----	Methylene-bis(2-Chloroaniline	410	U
91-94-1-----	3,3'-Dichlorobenzidine	410	U
119-90-4-----	3,3'-Dimethoxybenzidine	410	U
56-55-3-----	Benzo(a)Anthracene	410	U
218-01-9-----	Chrysene	410	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0-----	Di-n-Octyl Phthalate	410	U
205-99-2-----	Benzo(b)Fluoranthene	78	JX
57-97-6-----	7,12-Dimethylbenzanthracene	410	U
207-08-9-----	Benzo(k)Fluoranthene	78	JX
50-32-8-----	Benzo(a)Pyrene	78	J
56-49-5-----	3-Methylchloranthrene	410	U
224-42-0-----	Dibenzo(a,j)acridine	410	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3-----	Dibenz(a,h)Anthracene	410	U
191-24-2-----	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

457848

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B002  
PG02B002

Lab Name: COMPUCHEM.RTP Contract: 500077  
 Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 27  
 Matrix: (soil/water) SOIL Lab Sample ID: 456981  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH056981B20  
 Level: (low/med) LOW Date Received: 10/23/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 11/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	N-Nitrosodimethylamine	370	U
110-86-1	Pyridine	370	U
97-63-2	Ethyl methacrylate	370	U
123-63-7	Paraldehyde	370	U
109-06-8	2-Picoline	740	U
10595-95-6	Nitrosomethylethylamine	370	U
66-27-3	Methyl methanesulfonate	370	U
55-18-5	N-Nitrosodiethylamine	370	U
62-50-0	Ethyl methanesulfonate	370	U
108-95-2	Phenol	370	U
62-53-3	Aniline	370	U
76-01-7	Pentachloroethane	370	U
111-44-4	bis(2-Chloroethyl) Ether	740	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
39638-32-9	bis(2-Chloroisopropyl) Ether	370	U
108-39-4	3-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
930-55-2	N-Nitrosopyrrolidine	370	U
59-89-2	N-Nitrosomorpholine	370	U
98-86-2	Acetophenone	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
636-21-5	o-Toluidine hydrochloride	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
100-75-4	N-Nitrosopiperidine	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
108-70-3	1,3,5-Trichlorobenzene	370	U

98-87-3-----	Benzal Chloride	370	U
65-85-0-----	Benzoic Acid	3700	U
111-91-1-----	bis(2-Chloroethoxy)Methane	370	U
120-83-2-----	2,4-Dichlorophenol	370	U
120-82-1-----	1,2,4-Trichlorobenzene	370	U
91-20-3-----	Naphthalene	95	J
106-47-8-----	4-Chloroaniline	370	U
87-65-0-----	2,6-Dichlorophenol	740	U
95-54-5-----	o-Phenylenediamine	370	U
122-09-8-----	dimethylphenylethylamine	370	U
1888-71-7-----	Hexachloropropene	370	U
87-68-3-----	Hexachlorobutadiene	370	U
87-61-6-----	1,2,3-Trichlorobenzene	370	U
98-07-7-----	Benzotrichloride	740	U
924-16-3-----	N-Nitroso-di-n-butylamine	370	U
59-50-7-----	4-Chloro-3-Methylphenol	370	U
106-50-3-----	P-Phenylenediamine	370	U
94-59-7-----	Safrole	370	U
106-50-3-----	m-Phenylenediamine	370	U
91-57-6-----	2-Methylnaphthalene	370	U
90-12-0-----	1-Methylnaphthalene	370	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	370	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	370	U
77-47-4-----	Hexachlorocyclopentadiene	370	U
88-06-2-----	2,4,6-Trichlorophenol	740	U
95-95-4-----	2,4,5-Trichlorophenol	740	U
120-58-1-----	Isosafrole	740	U
91-58-7-----	2-Chloronaphthalene	370	U
90-13-1-----	1-Chloronaphthalene	370	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	370	U
88-74-4-----	2-Nitroaniline	370	U
130-15-4-----	1,4-Napthoquinone	740	U
100-25-4-----	1,4-Dinitrobenzene	740	U
131-11-3-----	Dimethyl Phthalate	370	U
208-96-8-----	Acenaphthylene	420	
606-20-2-----	2,6-Dinitrotoluene	370	U

456981

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG028002

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 27  
 Matrix: (soil/water) SOIL Lab Sample ID: 456981  
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH056981B20  
 Level: (low/med) LOW Date Received: 10/23/91  
 % Moisture: not dec. 12 dec. \_\_\_\_\_ Date Extracted: 11/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	740	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	370	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
608-93-5	Pentachlorobenzene	370	U
91-59-8	2-Naphthylamine	740	U
134-32-7	1-Naphthylamine	740	U
58-90-2	2,3,4,6-Tetrachlorophenol	740	U
84-66-2	Diethylphthalate	370	U
297-97-2	Zinophos	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	49	J
100-01-6	4-Nitroaniline	740	U
99-55-8	5-Nitro-o-toluidine	740	U
122-66-7	1,2-Diphenylhydrazine	370	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
122-39-4	Diphenylamine	370	U
99-35-4	1,3,5-Trinitrobenzene	740	U
62-44-2	Phenacetin	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
2303-16-4	Diallate	370	U
60-51-5	Dimethoate	370	U
118-74-1	Hexachlorobenzene	370	U
92-67-1	4-Aminobiphenyl	370	U
23950-58-5	Pronamide	370	U
87-86-5	Pentachlorophenol	740	U
82-68-8	Pentachloronitrobenzene	370	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	270	J
84-74-2	Di-n-Butylphthalate	370	U
91-80-5	Methapyrilene	740	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

50-18-0-----	Cyclophosphamide	1800	U
206-44-0-----	Fluoranthene	5300	
92-87-5-----	Benzidine	370	U
129-00-0-----	Pyrene	4900	
60-11-7-----	p-Dimethylaminoazobenzene	370	U
510-15-6-----	Chlorobenzilate	370	U
119-93-7-----	3,3'-Dimethylbenzidine	740	U
85-68-7-----	Butylbenzylphthalate	370	U
53-96-3-----	2-Acetylaminofluorene	370	U
101-14-4-----	Methylene-bis(2-Chloroaniline	370	U
91-94-1-----	3,3'-Dichlorobenzidine	370	U
119-90-4-----	3,3'-Dimethoxybenzidine	370	U
56-55-3-----	Benzo(a)Anthracene	3700	
218-01-9-----	Chrysene	3600	
117-81-7-----	bis(2-Ethylhexyl)Phthalate	110	J
117-84-0-----	Di-n-Octyl Phthalate	370	U
205-99-2-----	Benzo(b)Fluoranthene	4500	
57-97-6-----	7,12-Dimethylbenzanthracene	370	U
207-08-9-----	Benzo(k)Fluoranthene	2400	
50-32-8-----	Benzo(a)Pyrene	4000	
56-49-5-----	3-Methylchloranthrene	370	U
224-42-0-----	Dibenzo(a,j)acridine	370	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	2000	
53-70-3-----	Dibenz(a,h)Anthracene	610	
191-24-2-----	Benzo(g,h,i)Perylene	1900	

(1) - Cannot be separated from Diphenylamine

4569P1

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG0380810

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 27  
 Matrix: (soil/water) SOIL Lab Sample ID: 457852  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH057852B20  
 Level: (low/med) LOW Date Received: 10/25/91  
 % Moisture: not dec. 16 dec. \_\_\_\_\_ Date Extracted: 11/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/12/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	390	U
110-86-1	Pyridine	390	U
97-63-2	Ethyl methacrylate	390	U
123-63-7	Paraldehyde	390	U
109-06-8	2-Picoline	790	U
10595-95-6	Nitrosomethylethylamine	390	U
66-27-3	Methyl methanesulfonate	390	U
55-18-5	N-Nitrosodiethylamine	390	U
62-50-0	Ethyl methanesulfonate	390	U
108-95-2	Phenol	390	U
62-53-3	Aniline	390	U
76-01-7	Pentachloroethane	390	U
111-44-4	bis(2-Chloroethyl) Ether	790	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
39638-32-9	bis(2-Chloroisopropyl) Ether	390	U
108-39-4	3-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
930-55-2	N-Nitrosopyrrolidine	390	U
59-89-2	N-Nitrosomorpholine	390	U
98-86-2	Acetophenone	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
636-21-5	o-Toluidine hydrochloride	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
100-75-4	N-Nitrosopiperidine	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
108-70-3	1,3,5-Trichlorobenzene	390	U

FORM I SV-1

1/87 Rev.

98-87-3-----	Benzal Chloride	390	U
65-85-0-----	Benzoic Acid	3900	U
111-91-1-----	bis(2-Chloroethoxy)Methane	390	U
120-83-2-----	2,4-Dichlorophenol	390	U
120-82-1-----	1,2,4-Trichlorobenzene	390	U
91-20-3-----	Naphthalene	390	U
106-47-8-----	4-Chloroaniline	390	U
87-65-0-----	2,6-Dichlorophenol	790	U
95-54-5-----	o-Phenylenediamine	390	U
122-09-8-----	dimethylphenylethylamine	390	U
1888-71-7-----	Hexachloropropene	390	U
87-68-3-----	Hexachlorobutadiene	390	U
87-61-6-----	1,2,3-Trichlorobenzene	390	U
98-07-7-----	Benzotrichloride	790	U
924-16-3-----	N-Nitroso-di-n-butylamine	390	U
59-50-7-----	4-Chloro-3-Methylphenol	390	U
106-50-3-----	P-Phenylenediamine	390	U
94-59-7-----	Safrole	390	U
106-50-3-----	m-Phenylenediamine	390	U
91-57-6-----	2-Methylnaphthalene	390	U
90-12-0-----	1-Methylnaphthalene	390	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	390	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	390	U
77-47-4-----	Hexachlorocyclopentadiene	390	U
88-06-2-----	2,4,6-Trichlorophenol	790	U
95-95-4-----	2,4,5-Trichlorophenol	790	U
120-58-1-----	Isosafrole	790	U
91-58-7-----	2-Chloronaphthalene	390	U
90-13-1-----	1-Chloronaphthalene	390	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	390	U
88-74-4-----	2-Nitroaniline	390	U
130-15-4-----	1,4-Napthoquinone	790	U
100-25-4-----	1,4-Dinitrobenzene	790	U
131-11-3-----	Dimethyl Phthalate	390	U
208-96-8-----	Acenaphthylene	390	U
606-20-2-----	2,6-Dinitrotoluene	390	U

457852

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

PG0380810

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 27  
 Matrix: (soil/water) SOIL Lab Sample ID: 457852  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH057852B20  
 Level: (low/med) LOW Date Received: 10/25/91  
 % Moisture: not dec. 16 dec. \_\_\_\_\_ Date Extracted: 11/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/12/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	790	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
608-93-5	Pentachlorobenzene	390	U
91-59-8	2-Naphthylamine	790	U
134-32-7	1-Naphthylamine	790	U
58-90-2	2,3,4,6-Tetrachlorophenol	790	U
84-66-2	Diethylphthalate	390	U
297-97-2	Zinophos	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	790	U
99-55-8	5-Nitro-o-toluidine	790	U
122-66-7	1,2-Diphenylhydrazine	390	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
122-39-4	Diphenylamine	390	U
99-35-4	1,3,5-Trinitrobenzene	790	U
62-44-2	Phenacetin	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
2303-16-4	Diallate	390	U
60-51-5	Dimethoate	390	U
118-74-1	Hexachlorobenzene	390	U
92-67-1	4-Aminobiphenyl	390	U
23950-58-5	Pronamide	390	U
87-86-5	Pentachlorophenol	790	U
82-68-8	Pentachloronitrobenzene	390	U
85-01-8	Phenanthrene	200	J
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
91-80-5	Methapyrilene	790	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

50-18-0-----Cyclophosphamide	1900	U
206-44-0-----Fluoranthene	450	
92-87-5-----Benzidine	390	U
129-00-0-----Pyrene	400	
60-11-7-----p-Dimethylaminoazobenzene	390	U
510-15-6-----Chlorobenzilate	390	U
119-93-7-----3,3'-Dimethylbenzidine	790	U
85-68-7-----Butylbenzylphthalate	390	U
53-96-3-----2-Acetylaminofluorene	390	U
101-14-4-----Methylene-bis(2-Chloroaniline	390	U
91-94-1-----3,3'-Dichlorobenzidine	390	U
119-90-4-----3,3'-Dimethoxybenzidine	390	U
56-55-3-----Benzo(a)Anthracene	280	J
218-01-9-----Chrysene	300	J
117-81-7-----bis(2-Ethylhexyl) Phthalate	390	U
117-84-0-----Di-n-Octyl Phthalate	390	U
205-99-2-----Benzo(b) Fluoranthene	350	J
57-97-6-----7,12-Dimethylbenzanthracene	390	U
207-08-9-----Benzo(k) Fluoranthene	160	J
50-32-8-----Benzo(a) Pyrene	260	J
56-49-5-----3-Methylchloranthrene	390	U
224-42-0-----Dibenzo(a,j)acridine	390	U
193-39-5-----Indeno(1,2,3-cd) Pyrene	130	J
53-70-3-----Dibenz(a,h)Anthracene	390	U
191-24-2-----Benzo(g,h,i) Perylene	130	J

(1) - Cannot be separated from Diphenylamine

457852

FORM I SV-3

1/87 Rev.

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG04B1012

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638

Matrix: (soil/water) SOIL Lab Sample ID: 425203

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH025203B22

Level: (low/med) LOW Date Received: 06/12/91

% Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/17/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	390	U
110-86-1	Pyridine	390	U
97-63-2	Ethyl methacrylate	390	U
123-63-7	Paraldehyde	390	U
109-06-8	2-Picoline	790	U
10595-95-6	Nitrosomethylethylamine	390	U
66-27-3	Methyl methanesulfonate	390	U
108-95-2	Phenol	390	U
55-18-5	N-Nitrosodiethylamine	390	U
62-50-0	Ethyl methanesulfonate	390	U
62-53-3	Aniline	390	U
76-01-7	Pentachloroethane	390	U
111-44-4	bis(2-Chloroethyl) Ether	790	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
100-44-7	Benzyl Chloride	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
39638-32-9	bis(2-Chloroisopropyl) Ether	390	U
108-39-4	3-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
930-55-2	N-Nitrosopyrrolidine	390	U
59-89-2	N-Nitrosomorpholine	390	U
98-86-2	Acetophenone	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
636-21-5	o-Toluidine hydrochloride	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
100-75-4	N-Nitrosopiperidine	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

108-70-3-----	1,3,5-Trichlorobenzene	390	U
98-87-3-----	Benzal chloride	390	U
65-85-0-----	Benzoic Acid	41	J
111-91-1-----	bis(2-Chloroethoxy)Methane	390	U
120-83-2-----	2,4-Dichlorophenol	390	U
120-82-1-----	1,2,4-Trichlorobenzene	390	U
91-20-3-----	Naphthalene	390	U
106-47-8-----	4-Chloroaniline	390	U
87-65-0-----	2,6-Dichlorophenol	790	U
95-54-5-----	o-Phenylenediamine	390	U
122-09-8-----	dimethylphenylethylamine	390	U
1888-71-7-----	Hexachloropropene	390	U
87-68-3-----	Hexachlorobutadiene	390	U
87-61-6-----	1,2,3-Trichlorobenzene	390	U
98-07-7-----	Benzotrichloride	790	U
924-16-3-----	N-Nitroso-di-n-butylamine	390	U
59-50-7-----	4-Chloro-3-Methylphenol	390	U
106-50-3-----	p-Phenylenediamine	390	U
94-59-7-----	Safrole	390	U
106-50-3-----	m-Phenylenediamine	390	U
91-57-6-----	2-Methylnaphthalene	390	U
90-12-0-----	1-Methylnaphthalene	390	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	390	U
634-90-2-----	1,2,3,5-Tetrachlorobenzene	390	U
77-47-4-----	Hexachlorocyclopentadiene	390	U
88-06-2-----	2,4,6-Trichlorophenol	790	U
95-95-4-----	2,4,5-Trichlorophenol	790	U
120-58-1-----	Isosafrole	790	U
91-58-7-----	2-Chloronaphthalene	390	U
90-13-1-----	1-Chloronaphthalene	390	U
634-66-2-----	1,2,3,4-Tetrachlorobenzene	390	U
88-74-4-----	2-Nitroaniline	390	U
130-15-4-----	1,4-Naphthoquinone	790	U
100-25-4-----	1,4-Dinitrobenzene	790	U
131-11-3-----	Dimethyl Phthalate	390	U
208-96-8-----	Acenaphthylene	170	J

FORM I SV-1

1/87 Rev.

425 203

22255 1638 SAMPL TA SUMMARY

2344

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PGO4B1012

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 22255 SAS No.: \_\_\_\_\_ SDG No.: 1638  
 Matrix: (soil/water) SOIL Lab Sample ID: 425203  
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH025203B22  
 Level: (low/med) LOW Date Received: 06/12/91  
 % Moisture: not dec. 17 dec. \_\_\_\_\_ Date Extracted: 06/17/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/20/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	790	U
83-32-9-----	Acenaphthene	390	U
51-28-5-----	2,4-Dinitrophenol	1600	U
100-02-7-----	4-Nitrophenol	390	U
132-64-9-----	Dibenzofuran	390	U
121-14-2-----	2,4-Dinitrotoluene	390	U
608-93-5-----	Pentachlorobenzene	390	U
91-59-8-----	2-Naphthylamine	790	U
606-20-2-----	2,6-Dinitrotoluene	390	U
134-32-7-----	1-Naphthylamine	790	U
58-90-2-----	2,3,4,6-Tetrachlorophenol	790	U
84-66-2-----	Diethylphthalate	390	U
297-97-2-----	Zinophos	390	U
7005-72-3-----	4-Chlorophenyl-phenylether	390	U
86-73-7-----	Fluorene	51	J
100-01-6-----	4-Nitroaniline	790	U
99-55-8-----	5-Nitro-o-toluidine	790	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	390	U
122-39-4-----	Diphenylamine	390	U
99-35-4-----	1,3,5-Trinitrobenzene	790	U
122-66-7-----	1,2-Diphenylhydrazine	390	U
62-44-2-----	Phenacetin	390	U
101-55-3-----	4-Bromophenyl-phenylether	390	U
2303-16-4-----	Diallate	390	U
60-51-5-----	Dimethoate	390	U
118-74-1-----	Hexachlorobenzene	390	U
92-67-1-----	4-Aminobiphenyl	390	U
23950-58-5-----	Pronamide	390	U
87-86-5-----	Pentachlorophenol	790	U
82-68-8-----	Pentachloronitrobenzene	390	U
85-01-8-----	Phenanthrene	470	U
120-12-7-----	Anthracene	82	J
84-74-2-----	Di-n-Butylphthalate	64	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1/87 Rev.

91-80-5-----Methapyrilene	790	U
50-18-0-----Cyclophosphamide	1900	U
206-44-0-----Fluoranthene	1100	
92-87-5-----Benzidine	390	U
129-00-0-----Pyrene	1200	
60-11-7-----p-Dimethylaminoazobenzene	390	U
510-15-6-----Chlorobenzilate	390	U
119-93-7-----3,3'-Dimethylbenzidine	790	U
85-68-7-----Butylbenzylphthalate	570	
53-96-3-----2-Acetylaminofluorene	390	U
101-14-4-----Methylene-bis(2-Chloroaniline)	390	U
91-94-1-----3,3'-Dichlorobenzidine	390	U
106-51-4-----3,3'-Dimethoxybenzidine	390	U
56-55-3-----Benzo(a)Anthracene	860	
218-01-9-----Chrysene	800	
117-81-7-----bis(2-Ethylhexyl)Phthalate	370	BJ
117-84-0-----Di-n-Octyl Phthalate	390	U
205-99-2-----Benzo(b)Fluoranthene	1200	
57-97-6-----7,12-Dimethylbenzanthracene	390	U
207-08-9-----Benzo(k)Fluoranthene	2100	
50-32-8-----Benzo(a)Pyrene	770	
56-49-5-----3-Methylcholanthrene	390	U
224-42-0-----Dibenzo(a,j)acridine	390	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	250	J
53-70-3-----Dibenz(a,h)Anthracene	120	J
191-24-2-----Benzo(g,h,i)Perylene	290	J

(1) - Cannot be separated from Diphenylamine

H2S 203

FORM I SV-3

1/87 Rev.



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG16B0406

Lab Name: COMPUCHEM, RTP Contract: 500077  
 Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 27  
 Matrix: (soil/water) SOIL Lab Sample ID: 456990  
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH056990A20  
 Level: (low/med) LOW Date Received: 10/23/91  
 % Moisture: not dec. 10 dec. \_\_\_\_\_ Date Extracted: 11/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/08/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
62-75-9	N-Nitrosodimethylamine	360	U
110-86-1	Pyridine	360	U
97-63-2	Ethyl methacrylate	360	U
123-63-7	Paraldehyde	360	U
109-06-8	2-Picoline	730	U
10595-95-6	Nitrosomethylethylamine	360	U
66-27-3	Methyl methanesulfonate	360	U
55-18-5	N-Nitrosodiethylamine	360	U
62-50-0	Ethyl methanesulfonate	360	U
108-95-2	Phenol	360	U
62-53-3	Aniline	360	U
76-01-7	Pentachloroethane	360	U
111-44-4	bis(2-Chloroethyl) Ether	730	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
39638-32-9	bis(2-Chloroisopropyl) Ether	360	U
108-39-4	3-Methylphenol	360	U
106-44-5	4-Methylphenol	360	U
930-55-2	N-Nitrosopyrrolidine	360	U
59-89-2	N-Nitrosomorpholine	360	U
98-86-2	Acetophenone	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
636-21-5	o-Toluidine hydrochloride	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
100-75-4	N-Nitrosopiperidine	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
108-70-3	1,3,5-Trichlorobenzene	360	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-4

1/87 Rev.

98-87-3	Benzal Chloride	360	U
65-85-0	Benzoic Acid	3600	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-65-0	2,6-Dichlorophenol	730	U
95-54-5	o-Phenylenediamine	360	U
122-09-8	dimethylphenylethylamine	360	U
1888-71-7	Hexachloropropene	360	U
87-68-3	Hexachlorobutadiene	360	U
87-61-6	1,2,3-Trichlorobenzene	360	U
98-07-7	Benzotrichloride	730	U
924-16-3	N-Nitroso-di-n-butylamine	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
106-50-3	P-Phenylenediamine	360	U
94-59-7	Safrole	360	U
106-50-3	m-Phenylenediamine	360	U
91-57-6	2-Methylnaphthalene	360	U
90-12-0	1-Methylnaphthalene	360	U
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U
634-90-2	1,2,3,5-Tetrachlorobenzene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	730	U
95-95-4	2,4,5-Trichlorophenol	730	U
120-58-1	Isosafrole	730	U
91-58-7	2-Chloronaphthalene	360	U
90-13-1	1-Chloronaphthalene	360	U
634-66-2	1,2,3,4-Tetrachlorobenzene	360	U
88-74-4	2-Nitroaniline	360	U
130-15-4	1,4-Naphthoquinone	730	U
100-25-4	1,4-Dinitrobenzene	730	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

456990

FORM I SV-1

1/87 Rev.

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG16B0406

Lab Name: COMPUCHEM RTP Contract: 500077  
 Lab Code: COMPU Case No.: 24105 SAS No.: \_\_\_\_\_ SDG No.: 27  
 Matrix: (soil/water) SOIL Lab Sample ID: 456990  
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH056990A20  
 Level: (low/med) LOW Date Received: 10/23/91  
 % Moisture: not dec. 10 dec. \_\_\_\_\_ Date Extracted: 11/03/91  
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/08/91  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2	3-Nitroaniline	730	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	360	U
132-64-9	Dibenzofuran	230	J
121-14-2	2,4-Dinitrotoluene	360	U
608-93-5	Pentachlorobenzene	360	U
91-59-8	2-Naphthylamine	730	U
134-32-7	1-Naphthylamine	730	U
58-90-2	2,3,4,6-Tetrachlorophenol	730	U
84-66-2	Diethylphthalate	360	U
297-97-2	Zinophos	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	730	U
99-55-8	5-Nitro-o-toluidine	730	U
122-66-7	1,2-Diphenylhydrazine	360	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
122-39-4	Diphenylamine	360	U
99-35-4	1,3,5-Trinitrobenzene	730	U
62-44-2	Phenacetin	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
2303-16-4	Diallate	360	U
60-51-5	Dimethoate	360	U
118-74-1	Hexachlorobenzene	360	U
92-67-1	4-Aminobiphenyl	360	U
23950-58-5	Pronamide	360	U
87-86-5	Pentachlorophenol	730	U
82-68-8	Pentachloronitrobenzene	360	U
85-01-8	Phenanthrene	3500	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
91-80-5	Methapyrilene	730	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

1/87 Rev.

50-18-0-----	Cyclophosphamide	1800	U
206-44-0-----	Fluoranthene	940	
92-87-5-----	Benzidine	360	U
129-00-0-----	Pyrene	84	J
60-11-7-----	p-Dimethylaminoazobenzene	360	U
510-15-6-----	Chlorobenzilate	360	U
119-93-7-----	3,3'-Dimethylbenzidine	730	U
85-68-7-----	Butylbenzylphthalate	360	U
53-96-3-----	2-Acetylamino fluorene	360	U
101-14-4-----	Methylene-bis(2-Chloroaniline	360	U
91-94-1-----	3,3'-Dichlorobenzidine	360	U
119-90-4-----	3,3'-Dimethoxybenzidine	360	U
56-55-3-----	Benzo(a) Anthracene	360	U
218-01-9-----	Chrysene	81	J
117-81-7-----	bis(2-Ethylhexyl) Phthalate	52	J
117-84-0-----	Di-n-Octyl Phthalate	360	U
205-99-2-----	Benzo(b) Fluoranthene	360	U
57-97-6-----	7,12-Dimethylbenzanthracene	360	U
207-08-9-----	Benzo(k) Fluoranthene	360	U
50-32-8-----	Benzo(a) Pyrene	360	U
56-49-5-----	3-Methylchloranthrene	360	U
224-42-0-----	Dibenzo(a, j) acridine	360	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	360	U
53-70-3-----	Dibenz(a, h) Anthracene	360	U
191-24-2-----	Benzo(g, h, i) Perylene	360	U

(1) - Cannot be separated from Diphenylamine

456990

FORM I SV-3

1/87 Rev.

120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-65-0-----	2,6-Dichlorophenol	20	U
122-09-8-----	dimethylphenylethylamine	10	U
1888-71-7-----	Hexachloropropene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
924-16-3-----	N-Nitroso-di-n-butylamine	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
106-50-3-----	P-Phenylenediamine	10	U
94-59-7-----	Safrole	10	U
91-57-6-----	2-Methylnaphthalene	10	U
95-94-3-----	1,2,4,5-Tetrachlorobenzene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	20	U
95-95-4-----	2,4,5-Trichlorophenol	20	U
120-58-1-----	Isosafrole	20	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	10	U
130-15-4-----	1,4-Naphthoquinone	20	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U

467827

FORM I SV-1

1/87 Rev.