MISSISSIPPI STATE UNIVERSITY
MISSISSIPPI
STATE CHEMICAL LABORATORY
BOX CR - MISSISSIPPI STATE, MISSISSIPPI 39762

November 18, 1986

726,113-131

Sediments

10-31-86

MS Bureau of Pollution Control
ATTN: Chuck Estes

P.O. Box 10385 Jackson, MS 39209

Attached sheets present the results from our analysis of nineteen (19) sediment samples collected at Vicksburg Chemical Company. Samples were analyzed for acid and base/neutral priority pollutants, arsenic, toxaphene and dinoseb. Minimum quantifiable levels for the GC/MS analyses are shown on each priority pollutant data sheet and are expressed in micrograms per kilogram (or liter) as applicable.

Note that results for DNBP, Atrazine, Bladex, Methyl Parathion and various phenolic compounds are reported in the table on page 2 in Parts per Million. These results are expressed in Parts per Billion (micrograms per kilogram or liter) on the priority pollutant data sheets.

Copies of computer generated GC/MS data are enclosed.

RECEIVED
NOV 19 1986
DEPARTMENT OF ENVIRONMENTAL QUALITY
BUREAU OF POLLUTION CONTROL

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986
Sample Point Identification VC—A
Requested By BPC — Date To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wise
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1100

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10/30/86 1825
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30 PM

COMMENTS:

* priority pollutants

discretes 1 + 1A
depth 6'

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 198
Sample Point Identification VC-B
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wiss
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds*	none	10/30/86	1200
	base neutral cmpds*			
	toxaphene			
	dinoseb			
	arsenic			
		EP		

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10-30-86 / 1831
[illegible]	[illegible]	10/31/86 16:30
	[illegible]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 2-5

depth 6'

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 198.
Sample Point Identification VC—C
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wis
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds * toxaphene dinoseb arsenic	none	10/30/86	1200

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10-30 / 1822 hr
[illegible]	[illegible]	10/31/86 10:36
	[illegible]	10/31/86 7:30 PM

COMMENTS: * priority pollutants

discretes 3 + 4
depth 6'

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986
Sample Point Identification VC—D
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wilso
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1315

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10-30-86 / 1829
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 8, 9, 6

depth 6'

BUREAU OF POLLUTION CONTROL (BPC)

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed

Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986

Sample Point Identification VC—E

Requested By BPC — Data To Jim Hardage

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wise

Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1100

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10/30/86 1825
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 1 + 1A

depth 4'

BUREAU OF POLLUTION CONTROL (BPC)

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed

Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 198

Sample Point Identification VC-F

Requested By BPC — Date To Jim Hardage

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wis

Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds*	none	10/30/86	1200
	base neutral cmpds*			
	toxaphene			
	dinoseb			
	arsenic			

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10-30-86 / 1830
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30 PM

COMMENTS:

* priority pollutants

discretes 2+5

depth 4'

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986
Sample Point Identification VC — G
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wilson
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1200

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10-30-86 / 1830
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30PM

COMMENTS: * priority pollutants

discretes 3 + 4
depth 4'

BUREAU OF POLLUTION CONTROL (BPC)

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed

Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 198

Sample Point Identification VC—H

Requested By BPC — Date To Jim Hardage

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wis

Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds*	none	10/30/86	1315
	base neutral cmpds*			
	toxaphene			
	dinoseb			
	arsenic			

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible signature]	[illegible signature]	10-30-86 / 1830
[illegible signature]	[illegible signature]	10/31/86 10:30
	[illegible signature]	10/31/86 7:30 PM

COMMENTS:

* priority pollutants

discretes 8, 9, 6

depth 4'

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986
Sample Point Identification VC-I
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wise
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1100

Transportation of Sample: Bus ( ) BPC Vehicle (✓) Other ( )

Relinquished By	Received By	Date/Time
[illegible signature]	[illegible signature]	10/30/86 1825
[illegible signature]	[illegible signature]	10/31/86 10:20
	[illegible signature]	10/31/86 7:30 PM

COMMENTS:

* priority pollutants

discretes 1 + 1A
depth 2 ft

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986
Sample Point Identification VC—J
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wiss
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1200

FP

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10-30-86 / 1828
[illegible]	[illegible]	10/31/86
	[illegible]	10/31/86 7:30PM

COMMENTS: * priority pollutants

discretes 2,5
depth 2'

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986
Sample Point Identification VC—K
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wilson
Where Taken Vicksburg Chemical Co - Lagoon

	Type	Parameters	Preservative	Date	Time
1.	Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1200

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible signature]	[illegible signature]	10-30-86/1831
[illegible signature]	[illegible signature]	10-31-86 10:30
	[illegible signature]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 3 + 4
depth 2'

BUREAU OF POLLUTION CONTROL (BPC)

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed

Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986

Sample Point Identification VC-2

Requested By BPC — Data To Jim Hardage

Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wise

Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1315

Transportation of Sample: Bus ( ) BPC Vehicle (✓) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10-30-86 / 1829
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 8,9,6

depth 2'

BUREAU OF POLLUTION CONTROL (BPC)

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed

Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986

Sample Point Identification VC—M

Requested By BPC — Data To Jim Hardage

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wise

Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1600

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10/30/86 1825
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 9, 10, 12

depth 2'

BUREAU OF POLLUTION CONTROL (BPC)

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed

Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986

Sample Point Identification VC — N

Requested By BPC — Data To Jim Hardage

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wilso

Where Taken Vicksburg Chemical Co - Lagoon

	Type	Parameters	Preservative	Date	Time
1.	Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1555

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10/30/86 1825
[illegible]	[illegible]	10/31/86 10:35
	[illegible]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 13, 14

depth 2'

BUREAU OF POLLUTION CONTROL (BPC)

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed

Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 198

Sample Point Identification VC-0

Requested By BPC — Data To Jim Hardage

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wis

Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1550

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10/30/86 1825
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 15, 16

depth 2'

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986
Sample Point Identification VC-P
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wilso
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds*	none	10/30/86	1545
	base neutral cmpds*			
	toxaphene			
	dinoseb			
	arsenic			

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10/30/86 1825
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30PM

COMMENTS: * priority pollutants

discretes 17 + 18
depth 2'

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 1986
Sample Point Identification VC—Q
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wise
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1530

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	[illegible]	10/30/86 1825
[illegible]	[illegible]	10/31/86 10:30
	[illegible]	10/31/86 7:30PM

COMMENTS:

* priority pollutants

discretes 19 + 20

depth 2'

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact Jim Hardage — Thirty-Day Turnaround ( ) by Nov. 17, 198
Sample Point Identification VC—R
Requested By BPC — Data To Jim Hardage
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tom Wise
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds* base neutral cmpds* toxaphene dinoseb arsenic	none	10/30/86	1630

Transportation of Sample: Bus ( ) BPC Vehicle (✓) Other ( )

Relinquished By	Received By	Date/Time
[signature]	[signature]	10/30/86 1825
[signature]	[signature]	10/31/86 10:30 am
	[signature]	10/31/86 7.30PM

COMMENTS:

* priority pollutants

discretes 21, 22, 24

depth 2'

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical Company

BPC Contact Chuck Estes 961-5171 — Seven-Day Turnaround ( ) Results needed
Alternate Contact _____ — Thirty-Day Turnaround ( ) by Nov 17, 1986
Sample Point Identification VC-5
Requested By BPC — Date To Jim Hardge
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Clear Mild — Collected by Mike Bonner and Tim Wilson
Where Taken Vicksburg Chemical Co - Lagoon

Type	Parameters	Preservative	Date	Time
1. Sediment	acid extractable cmpds*	none	10/30/86	1700
	base neutral cmpds*			
	toxaphene			
	dioxin			
	arsenic			

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
	[signature]	10/31/86 1030
	[signature]	10/31/86 7 30 PM

COMMENTS:

* priority pollutants
duplicates 23 + 25
depth 2'

RECEIVED
NOV 19 1986
DIVISION OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,113 **MARKED** BPC, Vicksburg Chemical

ANALYSIS OF Sediment Sample A

ACID COMPOUNDS

MQL 20,000	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		64,000

BASE/NEUTRAL COMPOUNDS

MQL 20,000		
acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		20,000
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		21,000,000
MEP		400,000
Bladex		1,700,000

ND* = None Detected

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

James P. Minyard, Jr.
State Chemist

QUANTITATION REPORT FILE: 726113ABN

DATA: 726113ABN.TI
11/09/86 14:36:00
SAMPLE: BPC, VICKSBURG CHEMICAL, A, 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM LIBRARY ENTRY

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-12 CHRYSENE(RETENTION STD)
30	2-CHLORONAPHTHALENE
31	DIMETHYLPHTHALATE
32	ACENAPHTHYLENE
33	2,6-DINITROTOULENE
34	ACENAPHTHENE
35	2,4-DINITROTOLUENE
36	FLUORENE
37	DIETHYLPHTHALATE
38	4-CHLOROPHENYL PHENYL ETHER
39	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
40	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
41	4-BROMOPHENYL PHENYL ETHER
42	HEXACHLOROBENZENE
43	BENZIDENE
44	PHENANTHRENE
45	ANTHRACENE
46	DI-N-BUTYL PHTHALATE
47	FLUOROANTHENE
48	PYRENE
49	BUTYL BENZYL PHTHALATE
50	BENZ(A)ANTHRACENE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	385	6:25	3	0.622	A BB	37997.	15.756	NG	16.25
2	82	502	8:22	3	0.811	A BV	78511.	22.214	NG	22.91
3	136	619	10:19	3	1.000	A BV	214690.	25.000	NG	25.78
4	187	944	15:44	67	0.753	A BV	530.	0.585	NG	0.60
5	NOT	FOUND								
6	146	424	7:04	3	0.685	A BB	1807.	0.568	NG/UL	0.59
7	146	424	7:04	3	0.685	A BB	1807.	0.522	NG/UL	0.54
8	146	450	7:30	3	0.727	A BB	16080.	5.199	NG/UL	5.36 2.
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	180	610	10:10	3	0.985	A BB	764.	0.337	NG/UL	0.35
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	111	364	6:04	3	0.588	A BB	1909.	0.375	NG/UL	0.39
26	184	352	5:52	3	0.569	A BB	558.	0.252	NG/UL	0.26
27	334	516	8:36	3	0.834	A BB	1202.	0.557	NG/UL	0.57
28	NOT	FOUND								
29	240	1773	29:33	29	1.000	A BB	33129.	25.000	NG	25.78
30	NOT	FOUND								
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	149	1362	22:42	67	1.086	A BB	3239.	0.638	NG/UL	0.66
47	NOT	FOUND								
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

QUANTITATION REPORT FILE: 726113ABN

DATA: 726113ABN.TI
11/09/86 14:36:00
SAMPLE: BPC, VICKSBURG CHEMICAL, A, 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

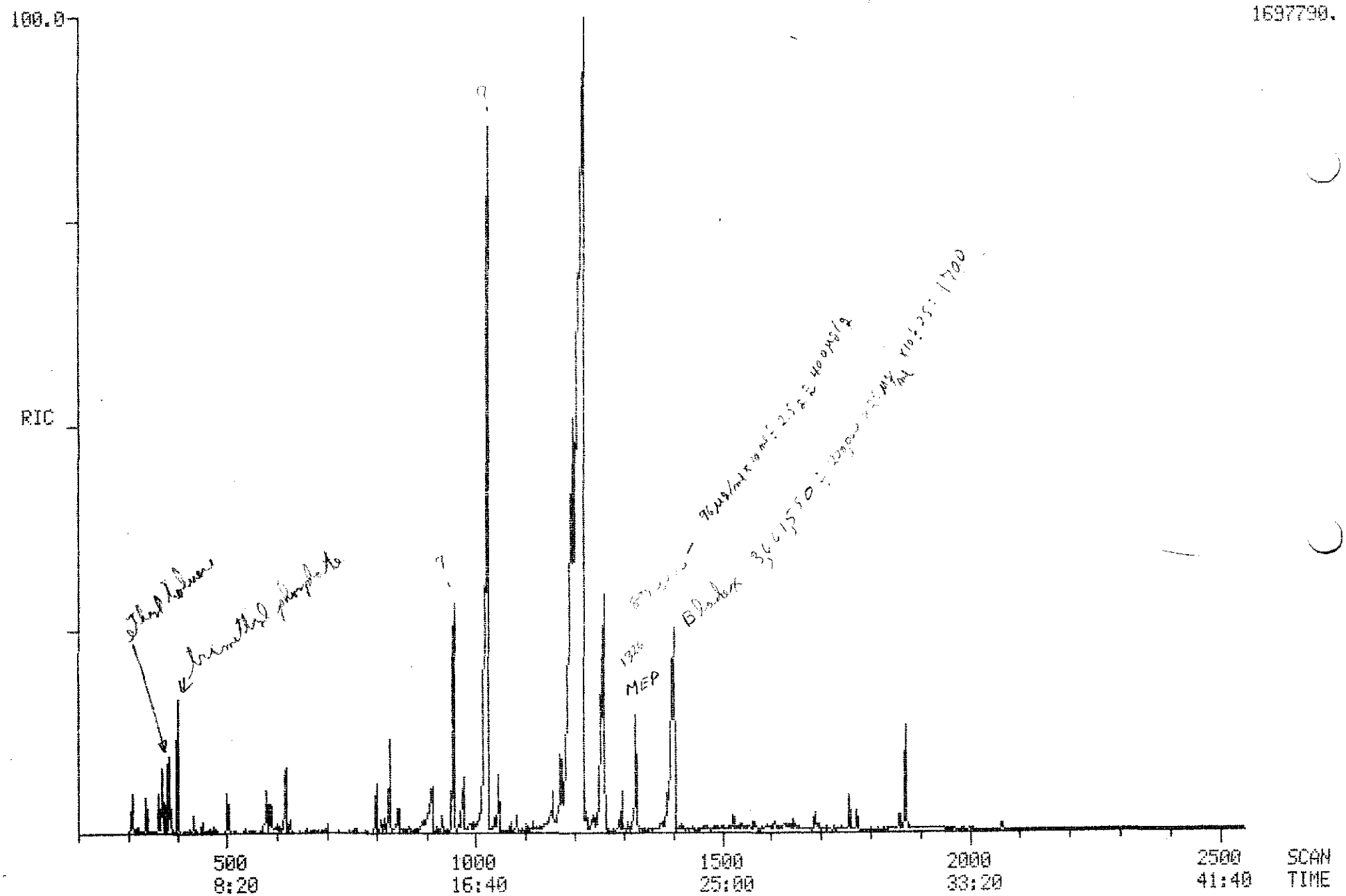
AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM LIBRARY ENTRY

NO	NAME
51	CHRYSENE
52	BIS(ETHYL HEXYL) PHTHALATE
53	DI-N-OCTYL PHTHALATE
54	2-4-6-TRICHLORO-PHENOL
55	4-NITRO-PHENOL
56	2-METHYL-4,6-DINITRO-PHENOL
57	PENTACHLOROPHENOL
58	2,4-DINITROPHENOL
59	BENZ(B)FLUORANTHENE
60	BENZO(K)FLUORANTHENE
61	BENZO(A)PYRENE
62	DIBENZO(A,H)ANTHRACENE
63	INDENO(1,2,3-CD)PYRENE
64	BENZO(GHI)PERYLENE
65	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
66	ATRAZINE
67	D-10 ANTHRACENE(INTERNAL STANDARD)

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT	
51	NOT FOUND									
52	149	1776	29:36	29	1.002	A BV	4034.	1.601 NG/UL	1.12	
53	NOT FOUND									
54	NOT FOUND									
55	139	958	15:58	67	0.764	A BB	7425.	~~12.996 NG/UL~~ 13 µg x10ml ÷ 2.5g =	9.11	52 µg/g
56	NOT FOUND									
57	NOT FOUND									
58	184	943	15:43	67	0.752	A BB	290.	0.961 NG/UL	0.67	
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	211	1239	20:39	67	0.988	A BB	11464.	16.363 NG/UL	11.47	64
66	200	1174	19:34	67	0.936	A BB	50359.	85.768 NG/UL	60.11	340
67	188	1254	20:54	67	1.000	A VB	88264.	25.000 NG/UL	17.52	
	200	1208						5190		20760 340 21100 µg/g

RIC
11/09/85 14:36:00
SAMPLE: BPC, VICKSBURG CHEMICAL, A, 2.5G TO 10 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726113ABN #1
CALI: 726120ABN #2
SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/09/86 15:20:18
DATA FILE: 726113ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ------				>< --- PLUS UNKNOWNS ---				>< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	3	257	28	11	1	223	RTABN1/ABN1
4	4	3	768	41	10	18	662	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 19 FOUND

< COMPOUND ><					---------- SEARCH ----------			>< SAT		>< ------- CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	386	385	-1	1	982	.	98	385	.	1
2	AB	55	-505	503	502	-1	1	972	.	82	502	.	1
3	AB	56	-622	616	619	3	3	994	.	136	619	.	1
4	AB	57	-962	945	944	-1	1	942	.	187	944	.	1
5	AB	2	-387	388	.	.	.	.	.	93	.	.	.
6	AB	3	-420	420	424	4	1	992	.	146	424	.	1
7	AB	4	-426	426	424	-2	1	992	.	146	424	.	1
8	AB	5	-453	452	450	-2	1	996	.	146	450	.	1
9	AB	6	-461	460	.	.	.	.	.	45	.	.	.
10	AB	7	-499	496	.	.	.	.	.	117	.	.	.
11	AB	8	-481	479	.	.	.	.	.	70	.	.	.
12	AB	9	-508	505	.	.	.	.	.	77	.	.	.
13	AB	10	-544	540	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	608	610	2	1	923	.	180	610	.	1
16	AB	13	-626	620	.	.	.	.	.	128	.	.	.
17	AB	14	-657	650	.	.	.	.	.	225	.	.	.
18	AB	15	-793	782	.	.	.	.	.	237	.	.	.
19	AB	40	-371	372	.	.	.	.	.	94	.	.	.
20	AB	41	-400	400	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	708	.	.	.	.	.	107	.	.	.
25	AB	51	-364	365	364	-1	1	965	.	111	364	.	1
26	AB	52	-351	353	352	-1	1	996	.	184	352	.	1
27	AB	53	-520	517	516	-1	1	994	.	334	516	.	1
28	AB	59	-626	620	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1248	1249	1	3	990	.	188	.	.	.
30	AB	58	-1782	1772	1774	2	1	978	.	240	1773	-1	1
31	AB	16	-842	828	.	.	.	.	.	162	.	.	.
32	AB	17	-905	892	.	.	.	.	.	163	.	.	.
33	AB	18	-925	912	.	.	.	.	.	152	.	.	.
34	AB	19	-918	905	.	.	.	.	.	165	.	.	.
35	AB	20	-961	948	.	.	.	.	.	154	.	.	.
36	AB	21	-994	981	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1047	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1031	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1045	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1068	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1077	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1142	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1174	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1484	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1239	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1249	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1356	1362	6	1	962	.	149	1362	.	1

48	AB	33	-1492	1488	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1527	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1657	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1768	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1776	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1774	1776	2	1	995	.	149	1776	.	1
54	AB	39	-1900	1890	.	.	.	.	.	149	.	.	.
55	AB	46	-805	791	.	.	.	.	.	196	.	.	.
56	AB	47	-972	959	958	-1	3	995	.	139	958	.	1
57	AB	48	-1075	1062	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1207	.	.	.	.	.	266	.	.	.
59	AB	50	-964	951	943	-8	1	806	.	184	943	.	1
60	AB	60	-1998	1988	.	.	.	.	.	252	.	.	.
61	AB	61	-2000	1993	.	.	.	.	.	252	.	.	.
62	AB	62	-2078	2065	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2405		.			.	270	.	.	
64	AB	64	-2414	2405	.	.	.		.	270	.	.	.
65	AB	65	-2587	2579					.	274	.		.
66	AB	66	-1558	1546	1239	-7	2	997	.	211	1239	.	1
67	AB	67	-1198	1188	1174	-5	3	1000	.	200	1174		1

QUANTITATION REPORT FILE: 726113ABN

DATA: 726113ABN.TI
11/09/86 14:36:00
SAMPLE: BPC, VICKSBURG CHEMICAL, A, 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	385	6:25	3	0.622	A BB	37997.	14.779	NG	-0.00
2	82	502	8:22	3	0.811	A BV	78511.	23.602	NG	-0.01
3	136	619	10:19	3	1.000	A BV	214690.	25.000	NG	-0.01
4	187	944	15:44	29	0.756	A BV	530.	*-78363.5	NG	58.45
5	NOT	FOUND								
6	146	424	7:04	3	0.685	A BB	1807.	0.616	NG/UL	0.00
7	146	424	7:04	3	0.685	A BB	1807.	0.548	NG/UL	0.00
8	146	450	7:30	3	0.727	A BB	16080.	5.340	NG/UL	0.00
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	180	610	10:10	3	0.985	A BB	764.	0.351	NG/UL	0.00
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	111	364	6:04	3	0.588	A BB	1909.	0.444	NG/UL	0.00
26	184	352	5:52	3	0.569	A BB	558.	0.303	NG/UL	0.00
27	334	516	8:36	3	0.834	A BB	1202.	0.571	NG/UL	0.00
28	NOT	FOUND								
29	NOT	FOUND								
30	240	1773	29:33	30	1.000	A BB	33129.	25.000	NG	-0.01
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	149	1362	22:42	29	1.090	A BB	3239.	*-56799.2	NG/UL	42.36
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

QUANTITATION REPORT FILE: 726113ABN

DATA: 726113ABN.TI
11/09/86 14:36:00
SAMPLE: BPC, VICKSBURG CHEMICAL, A, 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
51	NOT FOUND									
52	NOT FOUND									
53	149	1776	29:36	30	1.002	A BV	4034.	1.839	NG/UL	0.00
54	NOT FOUND									
55	NOT FOUND									
56	139	958	15:58	29	0.767	A BB	7425.	*-1274630	NG/UL	12.16
57	NOT FOUND									
58	NOT FOUND									
59	184	943	15:43	29	0.755	A BB	290.	*-123396.	NG/UL	1.18
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND									
66	211	1239	20:39	29	0.992	A BB	11464.	*-1471770	NG/UL	14.04
67	200	1174	19:34	29	0.940	A BB	50359.	*-7615470	NG/UL	72.63

TCA FINISHED, 19 FOUND
FINISHED AT: 11/09/86 15:25:57

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,114 **MARKED** BPC, Vicksburg Chemical

ANALYSIS OF Sediment Sample B

ACID COMPOUNDS

MQL 10,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		40,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 10,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		3,000,000

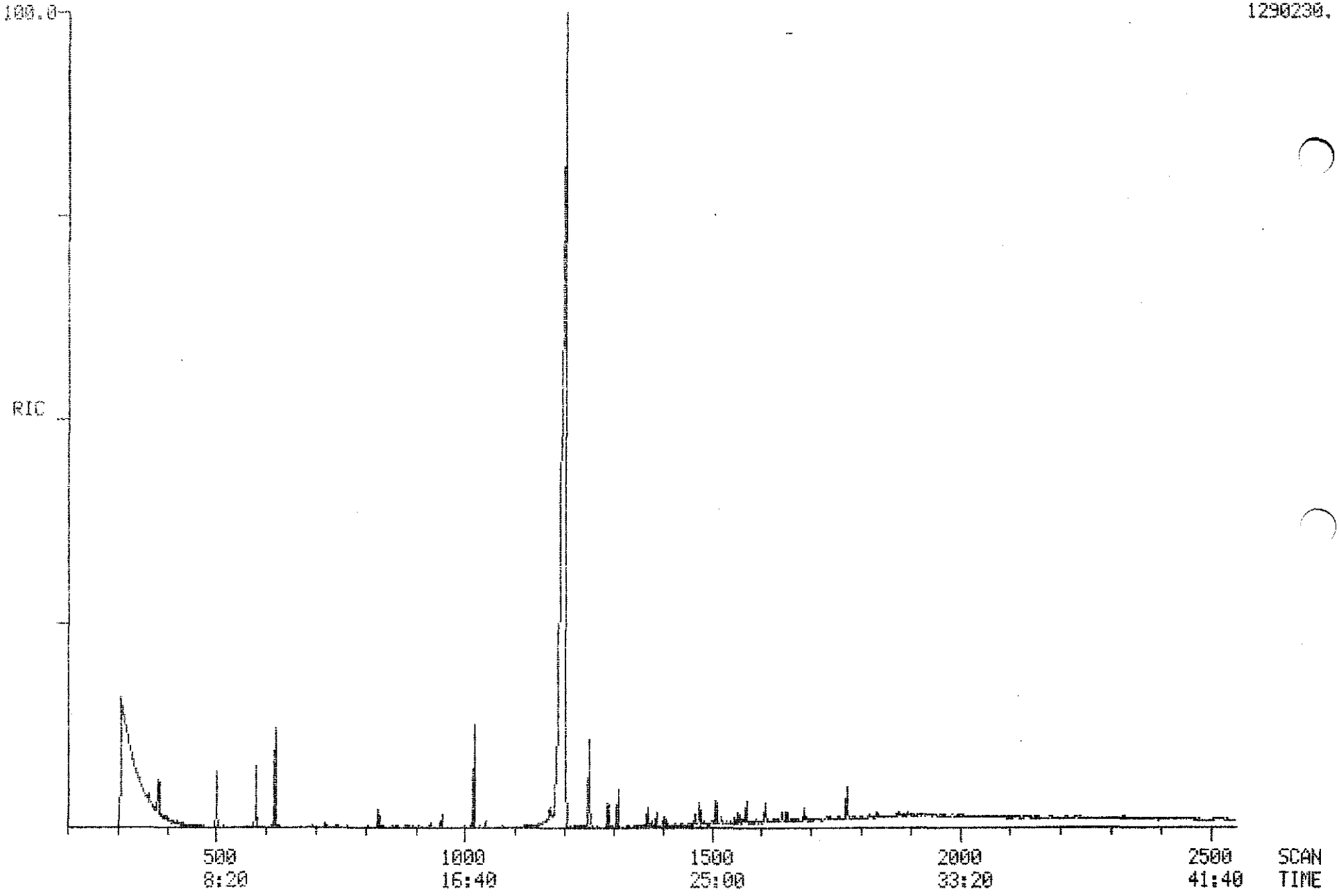
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 726114A8N #1 SCANS 200 TO 2550
11/09/86 15:28:00 CALI: 726114A8N #2
SAMPLE: BPC,VICKSBURG CHEMICAL, B, 2.5G TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/09/86 17:48:48
DATA FILE: 726114ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ------				>< --- PLUS UNKNOWNS ---				>< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	44	28	6	1	73	RTABN1/ABN1
4	4	1	86	41	7	6	631	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND			>< ---------- SEARCH ----------					>< SAT		>< ------ CHRO -------				
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	382	382	.	1	991	.	98	382	.	1
2	AB	55	-505	501	501	.	1	980	.	82	501	.	1
3	AB	56	-622	617	618	1	1	992	.	136	618	.	1
4	AB	57	-962	955	955	.	1	993	.	187	955	.	1
5	AB	2	-387	384	.	.	.	.	.	93	.	.	.
6	AB	3	-420	417	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	450	.	.	.	.	.	146	.	.	.
9	AB	6	-461	458	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	540	.	.	.	.	.	82	.	.	.
14	AB	11	-576	572	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	.	.	.	.	.	94	.	.	.
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	592	.	.	.	.	.	162	.	.	.
24	AB	45	-717	712	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	.	.	.	.	.	111	.	.	.
26	AB	52	-351	348	349	1	1	997	.	184	349	.	1
27	AB	53	-520	516	515	-1	1	994	.	334	515	.	1
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1249	1250	1	1	991	.	188	1249	-1	1
30	AB	58	-1782	1771	1771	.	1	947	.	240	1771	.	1
31	AB	16	-842	836	.	.	.	.	.	162	.	.	.
32	AB	17	-905	898	.	.	.	.	.	163	.	.	.
33	AB	18	-925	918	.	.	.	.	.	152	.	.	.
34	AB	19	-918	911	.	.	.	.	.	165	.	.	.
35	AB	20	-961	954	.	.	.	.	.	154	.	.	.
36	AB	21	-994	987	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1052	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1036	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1050	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1073	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1082	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1147	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1177	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1485	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1242	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1252	.	.	.	.	.	175	.	.	.
47	AB	32	-1368	1358	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1481	.	.	.	.	.	202	.	.	.	.
49	AB	34	-1538	1527	.	.	.	.	.	202	.	.	.	.
50	AB	35	-1668	1656	.	.	.	.	.	149	.	.	.	.
51	AB	36	-1779	1766	.	.	.	.	.	228	.	.	.	.
52	AB	37	-1787	1774	.	.	.	.	.	228	.	.	.	.
53	AB	38	-1785	1772	.	.	.	.	.	149	.	.	.	.
54	AB	39	-1900	1886	.	.	.	.	.	149	.	.	.	.
55	AB	46	-805	799	.	.	.	.	.	196	.	.	.	.
56	AB	47	-972	965	971	6	3	912	.	139	971	.	.	1
57	AB	48	-1075	1067	.	.	.	.	.	198	.	.	.	.
58	AB	49	-1219	1210	.	.	.	.	.	266	.	.	.	.
59	AB	50	-964	957	.	.	.	.	.	184	.	.	.	.
60	AB	60	-1998	1983	.	.	.	.	.	252	.	.	.	.
61	AB	61	-2003	1988	.	.	.	.	.	252	.	.	.	.
62	AB	62	-2075	2060	.	.	.	.	.	252	.	.	.	.
63	AB	63	-2414	2396	.	.	.	.	.	278	.	.	.	.
64	AB	64	-2414	2396	.	.	.	.	.	276	.	.	.	.
65	AB	65	-2507	2488	.	.	.	.	.	276	.	.	.	.
66	AB	66	-1258	1249	1250	1	1	991	.	211	1250	.	.	1
67	AB	67	-1192	1183	1171	-12	2	997	.	200	1171	.	.	1

QUANTITATION REPORT FILE: 726114ABN

DATA: 726114ABN.TI
11/09/86 15:28:00
SAMPLE: BPC,VICKSBURG CHEMICAL, B, 2.5G TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA *.REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	382	6:22	3	0.618	A BB	93327.	40.160	NG	27.38
2	82	501	8:21	3	0.811	A BB	73848.	24.561	NG	16.75
3	136	618	10:18	3	1.000	A BV	194051.	25.000	NG	17.04
4	187	955	15:55	29	0.765	A BB	4614.	5.387	NG	3.67
5	NOT	FOUND								
6	NOT	FOUND								
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	NOT	FOUND								
26	184	349	5:49	3	0.565	A BB	1206.	0.725	NG/UL	0.49
27	334	515	8:35	3	0.833	A BB	1643.	0.863	NG/UL	0.59
28	NOT	FOUND								
29	188	1249	20:49	29	1.000	A VB	126631.	25.000	NG/UL	17.04
30	240	1771	29:31	30	1.000	A BB	40427.	25.000	NG	17.04
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	NOT	FOUND								
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

QUANTITATION REPORT FILE: 726114ABN

DATA: 726114ABN.TI
11/09/86 15:28:00
SAMPLE: BPC, VICKSBURG CHEMICAL, B, 2.5G TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	971	16:11	29	0.777	A BB	1360	1.844 NG/UL	5.36
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1250	20:50	29	1.001	A BB	19926	20.202 NG/UL	58.74
67	200	1171	19:31	29	0.938	A BB	10346	12.355 NG/UL	35.93
		1201						1462	1940

(9 µg/ml x 5 ml ÷ 2.5g = 40 µg/g

TCA FINISHED, 11 FOUND
FINISHED AT: 11/09/86 17:56:03

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,115

MARKED BPC, Vicksburg Chemical

ANALYSIS OF Sediment

Sample C

ACID COMPOUNDS

MQL 50,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		770,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 50,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		9,000,000
Bladex		3,000,000

ND* = None Detected

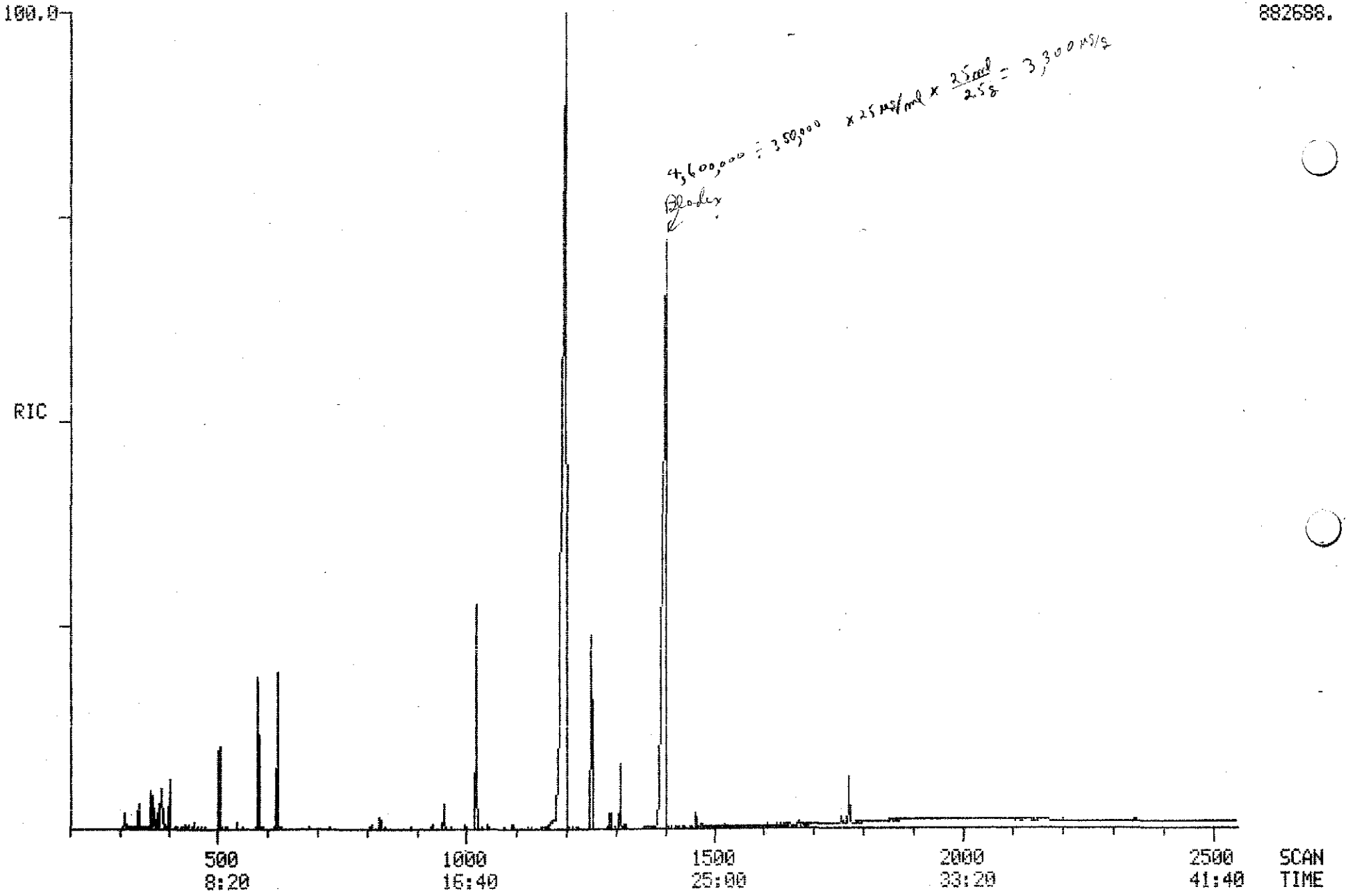
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

James P. Minyard, Jr.

State Chemist

RIC DATA: 726115ABN #1 SCANS 200 TO 2550
11/09/86 17:23:00 CALI: 726114ABN #2
SAMPLE: BPC, VICKSBURG CHEMICALS, C, 2.5G TO 25 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/09/86 18:12:14
DATA FILE: 726115ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	30	28	6	1	86	RTABN1/ABN1
4	4	1	126	41	8	9	438	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><							------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	385	385	.	1	985	.	98	385	.	1
2	AB	55	-505	503	503	.	1	970	.	82	503	.	1
3	AB	56	-622	619	619	.	1	994	.	136	619	.	1
4	AB	57	-962	955	955	.	1	991	.	187	955	.	1
5	AB	2	-387	386	.	.	.	.	.	93	.	.	.
6	AB	3	-420	419	.	.	.	.	.	146	.	.	.
7	AB	4	-426	425	.	.	.	.	.	146	.	.	.
8	AB	5	-453	451	450	-1	1	996	.	146	450	.	1
9	AB	6	-461	459	.	.	.	.	.	45	.	.	.
10	AB	7	-499	497	.	.	.	.	.	117	.	.	.
11	AB	8	-481	479	.	.	.	.	.	70	.	.	.
12	AB	9	-508	506	.	.	.	.	.	77	.	.	.
13	AB	10	-544	541	.	.	.	.	.	82	.	.	.
14	AB	11	-576	573	.	.	.	.	.	93	.	.	.
15	AB	12	-614	611	.	.	.	.	.	180	.	.	.
16	AB	13	-626	623	.	.	.	.	.	128	.	.	.
17	AB	14	-657	653	.	.	.	.	.	225	.	.	.
18	AB	15	-793	788	.	.	.	.	.	237	.	.	.
19	AB	40	-371	370	.	.	.	.	.	94	.	.	.
20	AB	41	-400	399	.	.	.	.	.	128	.	.	.
21	AB	42	-559	556	.	.	.	.	.	139	.	.	.
22	AB	43	-558	555	.	.	.	.	.	122	.	.	.
23	AB	44	-596	593	.	.	.	.	.	162	.	.	.
24	AB	45	-717	713	.	.	.	.	.	107	.	.	.
25	AB	51	-364	363	363	.	1	952	.	111	363	.	1
26	AB	52	-351	350	.	.	.	.	.	184	.	.	.
27	AB	53	-520	518	.	.	.	.	.	334	.	.	.
28	AB	59	-626	623	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1250	1250	.	1	986	.	188	1250	.	1
30	AB	58	-1782	1773	1773	.	1	973	.	240	1772	-1	1
31	AB	16	-842	836	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	919	.	.	.	.	.	152	.	.	.
34	AB	19	-918	912	.	.	.	.	.	165	.	.	.
35	AB	20	-961	955	.	.	.	.	.	154	.	.	.
36	AB	21	-994	987	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1037	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1074	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1083	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1148	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1178	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1486	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1243	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1253	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1359	1359	.	1	924	.	149	1359	.	1

48	AB	33	-1492	1482	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1528	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1657	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1768	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1776	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1774	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1888	.	.	.	.	.	149	.	.	.
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.
56	AB	47	-972	966	970	4	3	979	.	139	970	.	1
57	AB	48	-1075	1068	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1211	.	.	.	.	.	266	.	.	.
59	AB	50	-964	958	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1985	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1990	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2062	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2399	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2399	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2491	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1250	1251	1	1	992	.	211	1251	.	1
67	AB	67	-1192	1184	1175	-9	3	994	.	200	.	.	.

QUANTITATION REPORT FILE: 726115ABN

DATA: 726115ABN.TI
11/09/86 17:23:00
SAMPLE: BPC, VICKSBURG CHEMICALS, C, 2.5G TO 25 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	385	6:25	3	0.622	A BB	94984.	39.637	NG	26.90
2	82	503	8:23	3	0.813	A BV	76761.	24.759	NG	16.80
3	136	619	10:19	3	1.000	A BB	200099.	25.000	NG	16.97
4	187	955	15:55	29	0.764	A BB	6002.	6.308	NG	4.28
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	146	450	7:30	3	0.727	A BB	3686.	1.313	NG/UL	0.89
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	363	6:03	3	0.586	A BB	713	0.178	NG/UL	0.12
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BB	140682.	25.000	NG/UL	16.97
30	240	1772	29:32	30	1.000	A BB	43601.	25.000	NG	16.97
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1359	22:39	29	1.087	A BB	1490.	0.186	NG/UL	0.13
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726115ABN

DATA: 726115ABN.TI
11/09/86 17:23:00
SAMPLE: BPC, VICKSBURG CHEMICALS, C, 2.5G TO 25 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

MQL 50

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	970	16:10	29	0.776	A BV	1715.	2.093 NG/UL	2.65
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND							77 µg/ml X 25 ml ÷ 2.5 g	770
65	NOT FOUND								
66	211	1251	20:51	29	1.001	A BB	84217.	76.854 NG/UL	97.36
67	NOT FOUND 1198							895	9000

TCA FINISHED, 12 FOUND
FINISHED AT: 11/09/86 18:17:19

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,116 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample D

ACID COMPOUNDS

MQL 20

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		170,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 20

acenaphthene		
[redacted]		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		8,000,000
Bladex		900,000

ND* = None Detected

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

James P. Minyard, Jr.
State Chemist

QUANTITATION REPORT FILE: 726116ABN

DATA: 726116ABN. TI
11/12/86 11:03:00
SAMPLE: BPC, VICKSBURG CHEMICAL, D, 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4, 6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2, 4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A, H)ANTHRACENE
64	INDENO(1, 2, 3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4, 6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT	
51	NOT FOUND									
52	NOT FOUND									
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
56	139	968	16:08	29	0.774	A BB	822.	1.535 NG/UL	2.87	
57	198	1068	17:48	29	0.854	A BB	235.	0.477 NG/UL	0.89	
58	NOT FOUND									
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND							mgL = 20 µg/ml		
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND									
66	211	1251	20:51	29	1.000	A VB	30275.	42.284 NG/UL	79.12	168
67	200	1172	19:32	29	0.937	A BB	5566.	9.157 NG/UL	17.13	8240
		1205						2055		

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	381	6:21	3	0.617	A BB	53991.	31.538	NG	22.51
2	82	500	8:20	3	0.809	A BB	52589.	23.743	NG	16.95
3	136	618	10:18	3	1.000	A BB	142949.	25.000	NG	17.85
4	187	955	15:55	29	0.763	A BB	4532.	7.290	NG	5.20
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	359	5:59	3	0.581	A BB	1986.	0.693	NG/UL	0.49
26	184	348	5:48	3	0.563	A BB	904.	0.737	NG/UL	0.53
27	334	514	8:34	3	0.832	A BB	1268.	0.905	NG/UL	0.65
28	NOT FOUND									
29	188	1251	20:51	29	1.000	A BB	91920.	25.000	NG/UL	17.85
30	240	1772	29:32	30	1.000	A BB	28492.	25.000	NG	17.85
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	149	1658	27:38	30	0.936	A BB	262.	0.199	NG/UL	0.14

QUANTITATION REPORT FILE: 726116ABN

DATA: 726116ABN.TI
11/12/86 11:03:00
SAMPLE: BPC, VICKSBURG CHEMICAL, D, 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

48	AB	33	-1492	1482	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1528	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1657	1658	1	1	942	.	149	1658	.	1
51	AB	36	-1779	1768	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1776	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1774	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1888	.	.	.	.	.	149	.	.	.
55	AB	46	-805	799	.	.	.	.	.	196	.	.	.
56	AB	47	-972	965	969	4	2	961	.	139	968	-1	1
57	AB	48	-1075	1068	1068	.	1	963	.	198	1068	.	1
58	AB	49	-1219	1211	.	.	.	.	.	266	.	.	.
59	AB	50	-964	957	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1985	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1990	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2062	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2399	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2399	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2492	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1250	1251	1	1	993	.	211	1251	.	1
67	AB	67	-1192	1184	1173	-11	3	993	.	200	1172	-1	1

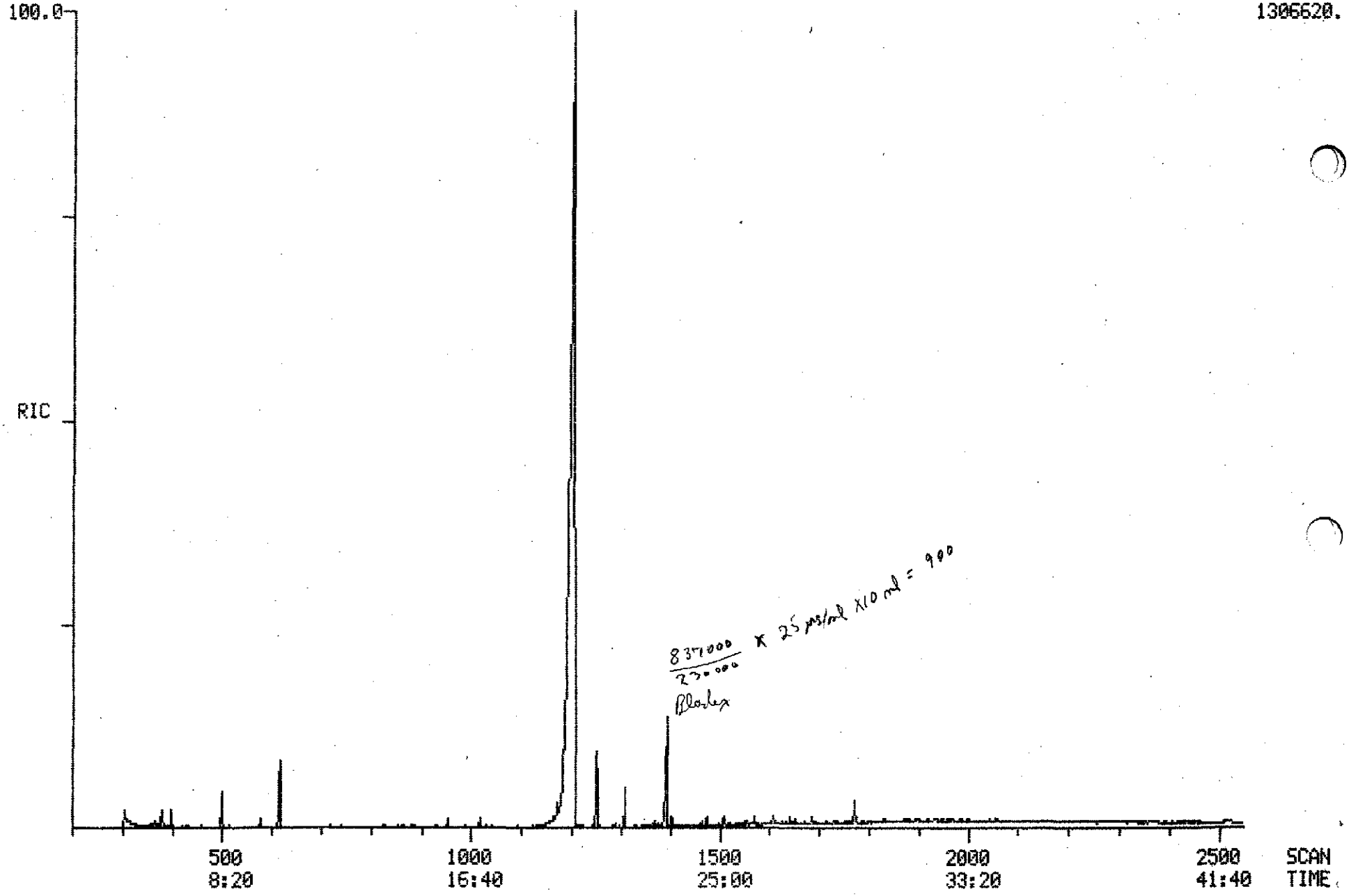
PROCEDURE: TCA DIAGNOSTIC REPORT 11/12/86 12:48:05
DATA FILE: 726116ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	86	28	7	1	101	RTABN1/ABN1
4	4	1	122	41	9	6	456	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 14 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	381	381	.	1	987	.	98	381	.	1
2	AB	55	-505	501	500	-1	1	976	.	82	500	.	1
3	AB	56	-622	617	618	1	1	988	.	136	618	.	1
4	AB	57	-962	955	955	.	1	994	.	187	955	.	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	448	.	.	.	.	.	146	.	.	.
9	AB	6	-461	456	.	.	.	.	.	45	.	.	.
10	AB	7	-499	494	.	.	.	.	.	117	.	.	.
11	AB	8	-481	476	.	.	.	.	.	70	.	.	.
12	AB	9	-508	503	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	367	.	.	.	.	.	94	.	.	.
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	360	359	-1	1	921	.	111	359	.	1
26	AB	52	-351	347	348	1	1	991	.	184	348	.	1
27	AB	53	-520	515	514	-1	1	997	.	334	514	.	1
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1250	1251	1	1	964	.	188	1251	.	1
30	AB	58	-1782	1772	1772	.	1	938	.	240	1772	.	1
31	AB	16	-842	836	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	918	.	.	.	.	.	152	.	.	.
34	AB	19	-918	911	.	.	.	.	.	165	.	.	.
35	AB	20	-961	954	.	.	.	.	.	154	.	.	.
36	AB	21	-994	987	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1037	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1074	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1082	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1147	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1178	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1486	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1243	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1253	.	.	.	.	.	178	.	.	.

RIC DATA: 726116ABN #1 SCANS 200 TO 2550
11/12/86 11:03:00 CALI: 726117ABN #2
SAMPLE: BPC, VICKSBURG CHEMICAL, D, 2.5G TO 10 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



TCA FINISHED, 14 FOUND
FINISHED AT: 11/12/86 12:54:00

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,117 **MARKED** BPC, Vicksburg Chemical

ANALYSIS OF Sediment Sample E

ACID COMPOUNDS

MQL 50,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		5,910,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 50,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		3,900,000

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

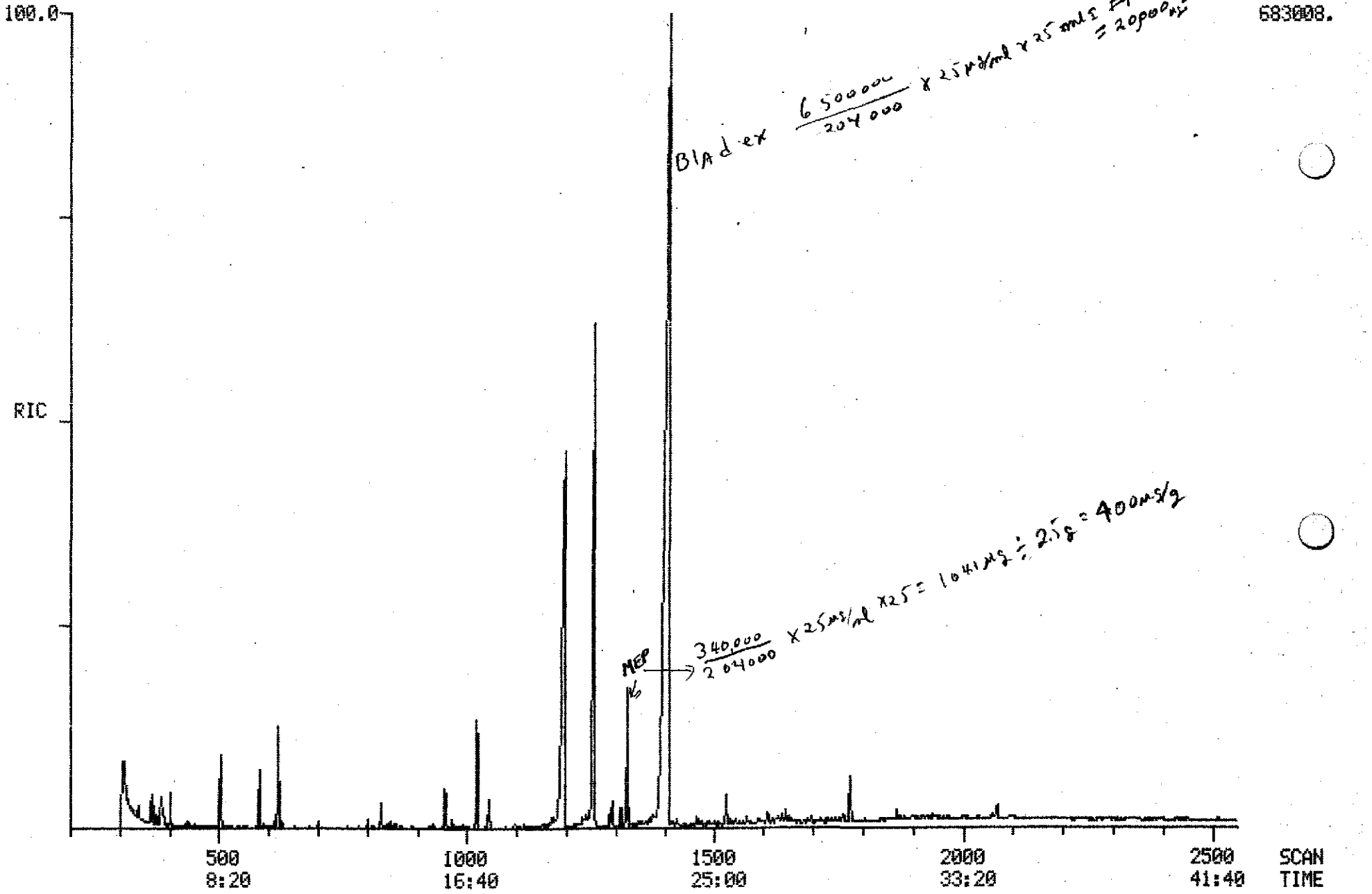
Bladex	8,000,000
Methyl parathion	400,000

James P. Minyard, Jr.
State Chemist

RIC
11/12/86 12:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, E, 2.5G TO 25 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726117ABN #1
CALI: 726116ABN #2

SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/12/86 13:03:15
DATA FILE: 726117ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	57	28	7	1	55	RTABN1/ABN1
4	4	2	112	41	7	16	351	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	385	385	.	2	982	.	98	385	.	1
2	AB	55	-505	504	503	-1	1	981	.	82	503	.	1
3	AB	56	-622	620	620	.	1	972	.	136	620	.	1
4	AB	57	-962	957	957	.	1	987	.	187	957	.	1
5	AB	2	-387	387	.	.	.	.	.	93	.	.	.
6	AB	3	-420	420	.	.	.	.	.	146	.	.	.
7	AB	4	-426	426	.	.	.	.	.	146	.	.	.
8	AB	5	-453	452	452	.	1	969	.	146	452	.	1
9	AB	6	-461	460	.	.	.	.	.	45	.	.	.
10	AB	7	-499	498	.	.	.	.	.	117	.	.	.
11	AB	8	-481	480	.	.	.	.	.	70	.	.	.
12	AB	9	-508	507	.	.	.	.	.	77	.	.	.
13	AB	10	-544	543	.	.	.	.	.	82	.	.	.
14	AB	11	-576	574	.	.	.	.	.	93	.	.	.
15	AB	12	-614	612	612	.	1	983	.	180	612	.	1
16	AB	13	-626	624	.	.	.	.	.	128	.	.	.
17	AB	14	-657	655	.	.	.	.	.	225	.	.	.
18	AB	15	-793	789	.	.	.	.	.	237	.	.	.
19	AB	40	-371	371	.	.	.	.	.	94	.	.	.
20	AB	41	-400	400	.	.	.	.	.	128	.	.	.
21	AB	42	-559	557	.	.	.	.	.	139	.	.	.
22	AB	43	-558	556	.	.	.	.	.	122	.	.	.
23	AB	44	-596	594	.	.	.	.	.	162	.	.	.
24	AB	45	-717	714	.	.	.	.	.	107	.	.	.
25	AB	51	-364	364	.	.	.	.	.	111	.	.	.
26	AB	52	-351	351	352	1	1	989	.	184	352	.	1
27	AB	53	-520	519	.	.	.	.	.	334	.	.	.
28	AB	59	-626	624	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1252	1253	1	2	981	.	188	1252	-1	1
30	AB	58	-1782	1776	1776	.	1	962	.	240	1775	-1	1
31	AB	16	-842	841	.	.	.	.	.	162	.	.	.
32	AB	17	-905	903	.	.	.	.	.	163	.	.	.
33	AB	18	-925	923	.	.	.	.	.	152	.	.	.
34	AB	19	-918	916	.	.	.	.	.	165	.	.	.
35	AB	20	-961	959	.	.	.	.	.	154	.	.	.
36	AB	21	-994	992	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1058	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1042	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1056	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1079	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1088	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1153	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1184	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1493	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1249	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1259	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1365						149			

48	AB	33	-1492	1489	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1535	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1665	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1775	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1783	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1781	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1896	.	.	.	.	.	149	.	.	.
55	AB	46	-805	804	.	.	.	.	.	196	.	.	.
56	AB	47	-972	970	971	1	4	970	.	139	971	.	1
57	AB	48	-1075	1073	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1217	.	.	.	.	.	266	.	.	.
59	AB	50	-964	962	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1994	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1999	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2070	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2409	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2409	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2501	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1256	1257	1	2	993	.	211	1257	.	1
67	AB	67	-1192	1190	1196	6	2	994	.	200	1196	.	1

QUANTITATION REPORT FILE: 726117ABN

DATA: 726117ABN.TI
11/12/86 12:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, E, 2.5G TO 25 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	385	6:25	3	0.621	A BB	46489.	31.329	NG	21.54
2	82	503	8:23	3	0.811	A BV	50268.	26.183	NG	18.00
3	136	620	10:20	3	1.000	A BB	123909.	25.000	NG	17.19
4	187	957	15:57	29	0.764	A BB	6095.	11.041	NG	7.59
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	146	452	7:32	3	0.729	A BB	622.	0.358	NG/UL	0.25
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	180	612	10:12	3	0.987	A BB	1823.	1.449	NG/UL	1.00
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	184	352	5:52	3	0.568	A BB	116.	0.109	NG/UL	0.08
27	NOT FOUND									
28	NOT FOUND									
29	188	1252	20:52	29	1.000	A VB	81623.	25.000	NG/UL	17.19
30	240	1775	29:35	30	1.000	A BB	31578.	25.000	NG	17.19
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726117ABN

DATA: 726117ABN.TI
11/12/86 12:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, E, 2.5G TO 25 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

NO	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	971	16:11	29	0.776	A VB	4438.	9.334 NG/UL	0.94
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1257	20:57	29	1.004	A VB	375817.	591.110 NG/UL	59.67
67	200	1196	19:56	29	0.955	A BB	210609.	390.196 NG/UL	39.39 3900

MQL = 5 µg/ml x 25 ml ÷ 2.5 g = 50

591 µg/ml x 25 ml ÷ 2.5 = 5910

TCA FINISHED, 12 FOUND
FINISHED AT: 11/12/86 13:09:05

RECEIVED
NOV 19 1986
MISSISSIPPI WATER & WILDLIFE RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,118

MARKED BPC Vicksburg

ANALYSIS OF Sediment

Sample F

ACID COMPOUNDS

MQL 10,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		330,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 100,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		78,000,000

ND* = None Detected

VOLATILE COMPOUNDS

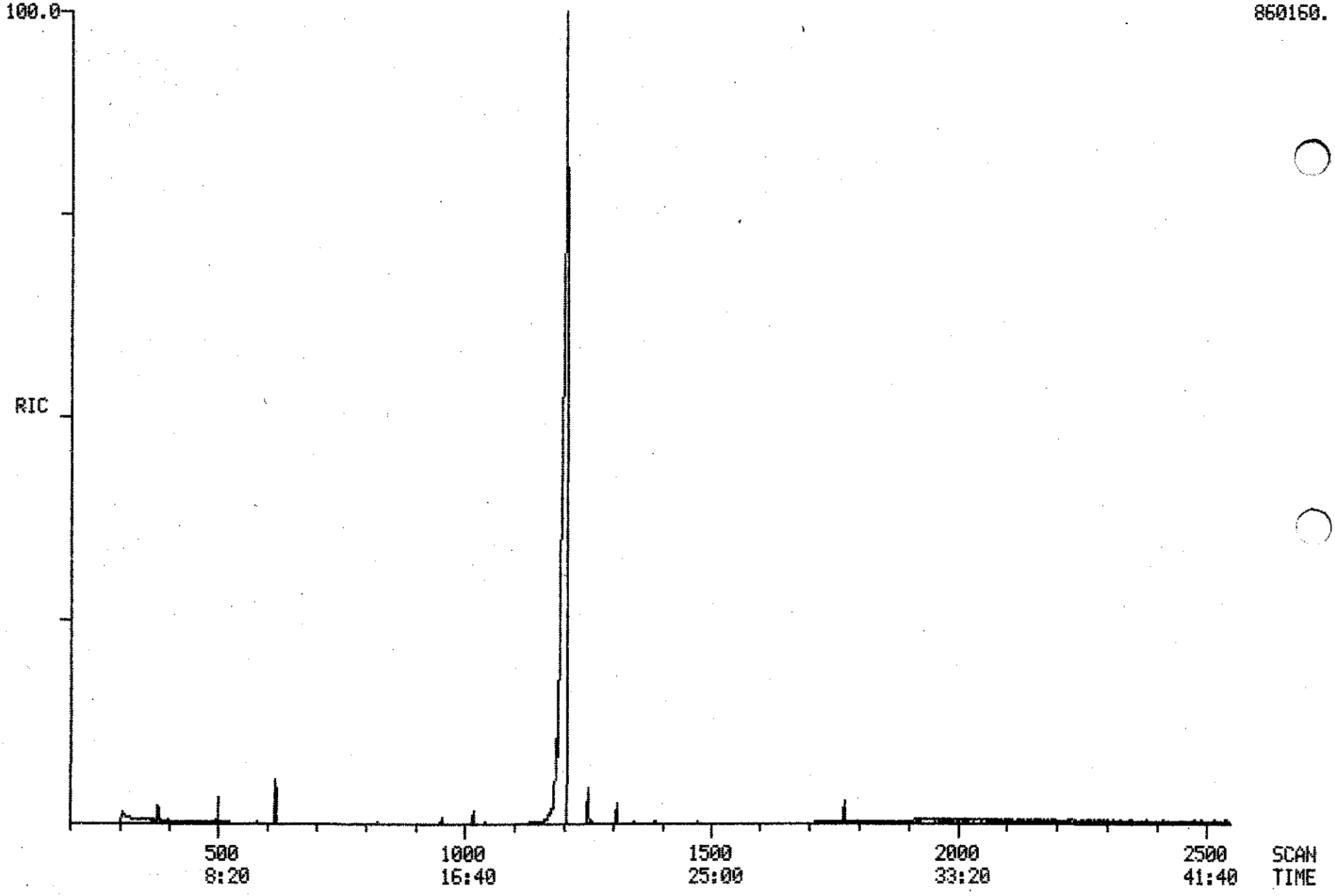
acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

James P. Minyard, Jr.
State Chemist

RIC
11/12/86 16:53:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, 2.5G TO 50 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726118ABN2 #1
CALI: 726118ABN2 #2

SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/12/86 17:37:18
DATA FILE: 726118ABN2
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	137	28	4	1	137	RTABN1/ABN1
4	4	1	26	41	6	2	591	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 8 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	379	378	-1	1	981	.	98	378	.	1
2	AB	55	-505	499	500	1	1	972	.	82	500	.	1
3	AB	56	-622	616	617	1	1	961	.	136	617	.	1
4	AB	57	-962	956	955	-1	1	995	.	187	955	.	1
5	AB	2	-387	381	.	.	.	.	.	93	.	.	.
6	AB	3	-420	414	.	.	.	.	.	146	.	.	.
7	AB	4	-426	420	.	.	.	.	.	146	.	.	.
8	AB	5	-453	447	.	.	.	.	.	146	.	.	.
9	AB	6	-461	455	.	.	.	.	.	45	.	.	.
10	AB	7	-499	493	.	.	.	.	.	117	.	.	.
11	AB	8	-481	475	.	.	.	.	.	70	.	.	.
12	AB	9	-508	502	.	.	.	.	.	77	.	.	.
13	AB	10	-544	538	.	.	.	.	.	82	.	.	.
14	AB	11	-576	570	.	.	.	.	.	93	.	.	.
15	AB	12	-614	608	.	.	.	.	.	180	.	.	.
16	AB	13	-626	620	.	.	.	.	.	128	.	.	.
17	AB	14	-657	651	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	365	.	.	.	.	.	94	.	.	.
20	AB	41	-400	394	.	.	.	.	.	128	.	.	.
21	AB	42	-559	553	.	.	.	.	.	139	.	.	.
22	AB	43	-558	552	.	.	.	.	.	122	.	.	.
23	AB	44	-596	590	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	358	.	.	.	.	.	111	.	.	.
26	AB	52	-351	345	.	.	.	.	.	184	.	.	.
27	AB	53	-520	514	.	.	.	.	.	334	.	.	.
28	AB	59	-626	620	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1249	1249	.	1	930	.	188	1249	.	1
30	AB	58	-1782	1771	1771	.	1	954	.	240	1771	.	1
31	AB	16	-842	834	.	.	.	.	.	162	.	.	.
32	AB	17	-905	896	.	.	.	.	.	163	.	.	.
33	AB	18	-925	916	.	.	.	.	.	152	.	.	.
34	AB	19	-918	909	.	.	.	.	.	165	.	.	.
35	AB	20	-961	952	.	.	.	.	.	154	.	.	.
36	AB	21	-994	985	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1050	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1035	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1048	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1071	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1080	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1145	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1176	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1484	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1240	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1250	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1357	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1480	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1526	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1655	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1766	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1774	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1772	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1886	.	.	.	.	.	149	.	.	.
55	AB	46	-805	797	.	.	.	.	.	196	.	.	.
56	AB	47	-972	963	.	.	.	.	.	139	.	.	.
57	AB	48	-1075	1065	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1209	.	.	.	.	.	266	.	.	.
59	AB	50	-964	955	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1983	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1988	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2060	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2397	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2397	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2490	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1247	1249	2	1	997	.	211	1249	.	1
67	AB	67	-1192	1182	1171	-11	2	996	.	200	.	.	.

QUANTITATION REPORT FILE: 726118ABN2

DATA: 726118ABN2.TI
11/12/86 16:53:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, 2.5G TO 50 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	378	6:18	3	0.613	A BV	24722.	51.047	NG	32.26
2	82	500	8:20	3	0.810	A BB	22142.	23.590	NG	14.91
3	136	617	10:17	3	1.000	A BB	62133.	25.000	NG	15.80
4	187	955	15:55	29	0.765	A BB	2197.	8.653	NG	5.47
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1249	20:49	29	1.000	A BB	37540.	25.000	NG/UL	15.80
30	240	1771	29:31	30	1.000	A BB	17958.	25.000	NG	15.80
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726118ABN2

DATA: 726118ABN2.TI
11/12/86 16:53:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, 2.5G TO 50 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1249	20:49	29	1.000	A BB	2681.	9.169 NG/UL	*100.
67	~~NOT FOUND~~ 1202							3900	78000

MQL = 100

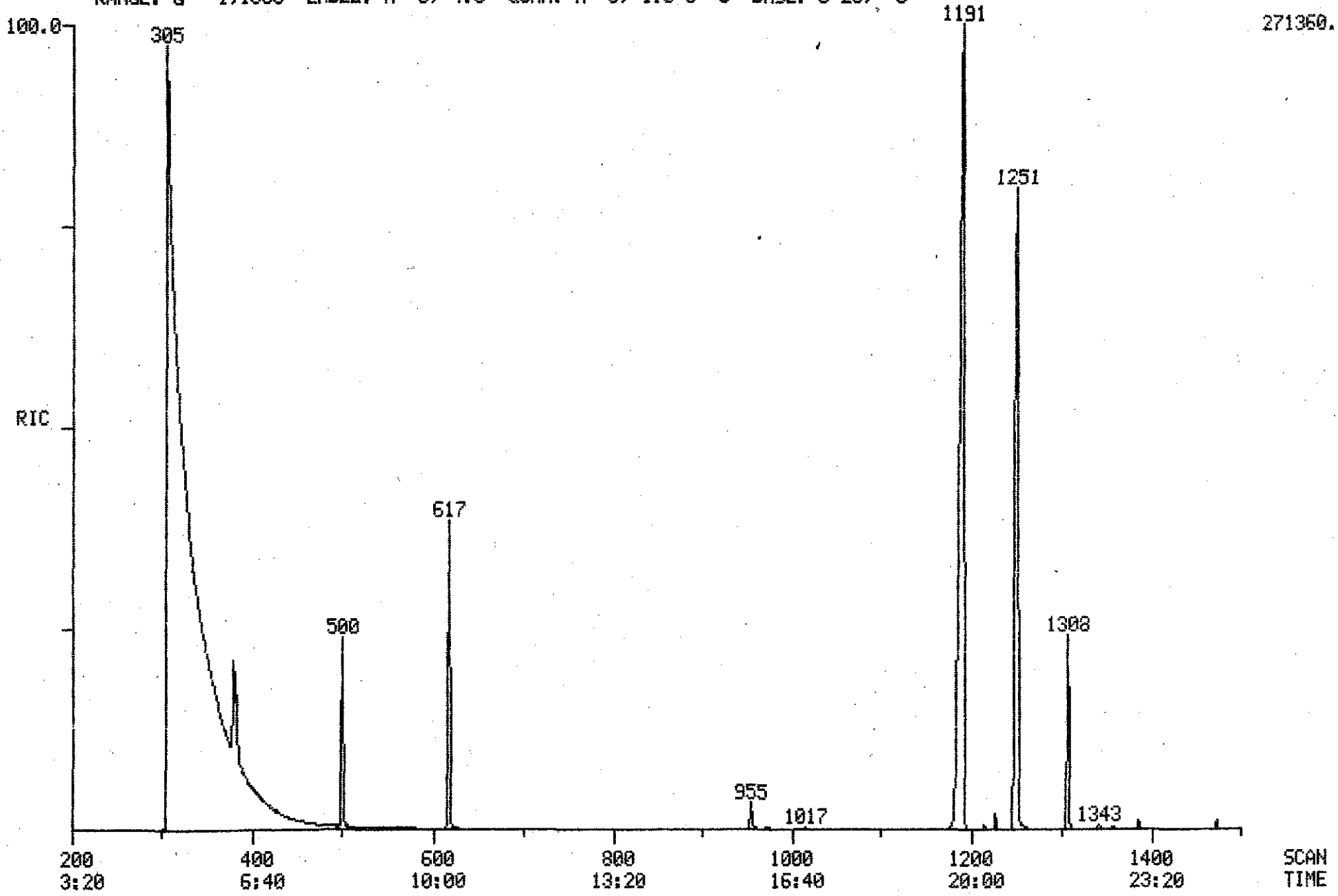
9x 50ml ÷ 2.5g = 180

TCA FINISHED, 8 FOUND
FINISHED AT: 11/12/86 17:42:12

RIC
11/14/86 10:09:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, ACID FRACTION,2.5G TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,1500 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726118A #1
CALI: 726117ABN #2

SCANS 200 TO 1500



PROCEDURE: TCA DIAGNOSTIC REPORT 11/14/86 10:56:07
DATA FILE: 726118A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ------ ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	91	28	5	1	199	RTABN1/ABN1
4	3	1	32	41	8	1	323	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 10 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	380	379	-1	1	991	.	98	379	.	1
2	AB	55	-505	500	500	.	1	985	.	82	500	.	1
3	AB	56	-622	616	617	1	1	989	.	136	617	.	1
4	AB	57	-962	955	955	.	1	997	.	187	955	.	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	367	.	.	.	.	.	94	.	.	.
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	360	.	.	.	.	.	111	.	.	.
26	AB	52	-351	347	350	3	1	944	.	184	.	.	.
27	AB	53	-520	515	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1249	1249	.	1	983	.	188	1249	.	1
30	AB	58	-1782	1771	.	.	.	.	999	240	.	.	.
31	AB	16	-842	838	.	.	.	.	.	162	.	.	.
32	AB	17	-905	901	.	.	.	.	.	163	.	.	.
33	AB	18	-925	920	.	.	.	.	.	152	.	.	.
34	AB	19	-918	913	.	.	.	.	.	165	.	.	.
35	AB	20	-961	956	.	.	.	.	.	154	.	.	.
36	AB	21	-994	989	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1055	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1039	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1053	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1075	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1084	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1180	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1488	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1244	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1254	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1360	1358	-2	1	937	.	149	1358	.	1

48	AB	33	-1492	1484	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1529	.	.	.	.	999	202	.	.	.
50	AB	35	-1668	1659	.	.	.	.	[illegible]	149	.	.	.
51	AB	36	-1779	1769	.	.	.	.	999	228	.	.	.
52	AB	37	-1787	1777	.	.	.	.	999	228	.	.	.
53	AB	38	-1785	1775	.	.	.	.	999	149	.	.	.
54	AB	39	-1900	1889	.	.	.	.	999	149	.	.	.
55	AB	46	-805	801	.	.	.	.	.	196	.	.	.
56	AB	47	-972	967	971	4	1	741	.	139	972	1	1
57	AB	48	-1075	1069	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1212	.	.	.	.	.	266	.	.	.
59	AB	50	-964	959	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1986	.	.	.	.	999	252	.	.	.
61	AB	61	-2003	1991	.	.	.	.	999	252	.	.	.
62	AB	62	-2075	2063	.	.	.	.	999	252	.	.	.
63	AB	63	-2414	2400	.	.	.	.	999	278	.	.	.
64	AB	64	-2414	2400	.	.	.	.	999	276	.	.	.
65	AB	65	-2507	2492	.	.	.	.	999	276	.	.	.
66	AB	66	-1258	1251	1251	.	1	989	.	211	1251	.	1
67	AB	67	-1192	1186	1191	5	1	995	.	200	1191	.	1

QUANTITATION REPORT FILE: 726118A

DATA: 726118A.TI
11/14/86 10:09:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, ACID FRACTION, 2.5G TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	379	6:19	3	0.614	A BB	60794.	36.578	NG	20.01
2	82	500	8:20	3	0.810	A BB	55427.	25.775	NG	14.10
3	136	617	10:17	3	1.000	A BV	138786.	25.000	NG	13.68
4	187	955	15:55	29	0.765	A BB	4388.	6.423	NG	3.51
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1249	20:49	29	1.000	A BV	101017.	25.000	NG/UL	13.68
30	NOT FOUND									
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1358	22:38	29	1.087	A BB	1202.	0.209	NG/UL	0.11
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726118A

DATA: 726118A.TI
11/14/86 10:09:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, ACID FRACTION, 2.5G TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	972	16:12	29	0.778	A BB	508.	0.863 NG/UL	0.15
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1251	20:51	29	1.002	A BB	130286.	165.580 NG/UL	27.88 330
67	200	1191	19:51	29	0.954	A BB	182333.	272.955 NG/UL	45.96

MQL = 5 µg/ml x 5 ml ÷ 25 = 10

TCA FINISHED, 10 FOUND
FINISHED AT: 11/14/86 11:00:48

RECEIVED
NOV 19 1986
DEPT. OF NAT. RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,119

MARKED BPC Vicksburg Chemical

ANALYSIS OF Sediment

Sample G

ACID COMPOUNDS

MQL 50,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		50,000
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		1,100,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 50,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

Atrazine 30,000,000

ND* = None Detected

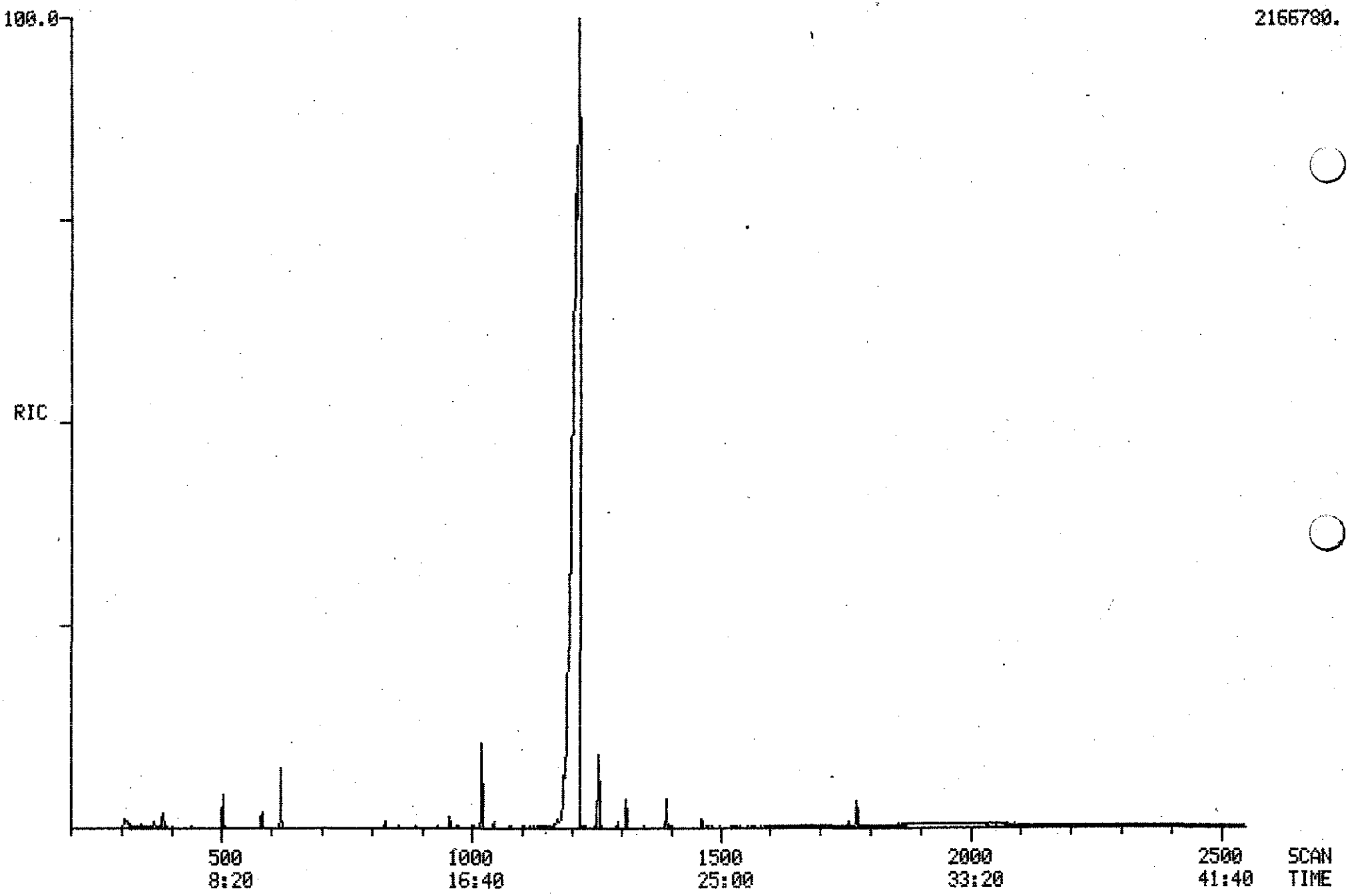
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

James P. Minyard, Jr.
State Chemist

RIC
11/12/86 15:46:00
SAMPLE: BPC, VICKSBURG CHEMICAL, G, 2.5G TO 25 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726119ABN2 #1
CALI: 726119ABN2 #2
SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/12/86 16:29:50
DATA FILE: 726119ABN2
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	71	28	5	1	201	RTABN1/ABN1
4	4	1	122	41	7	8	175	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 10 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	384	383	-1	2	991	.	98	383	.	1
2	AB	55	-505	503	503	.	1	978	.	82	503	.	1
3	AB	56	-622	619	620	1	1	990	.	136	620	.	1
4	AB	57	-962	957	957	.	1	995	.	187	956	-1	1
5	AB	2	-387	387	.	.	.	.	.	93	.	.	.
6	AB	3	-420	420	.	.	.	.	.	146	.	.	.
7	AB	4	-426	426	.	.	.	.	.	146	.	.	.
8	AB	5	-453	452	.	.	.	.	.	146	.	.	.
9	AB	6	-461	460	.	.	.	.	.	45	.	.	.
10	AB	7	-499	498	.	.	.	.	.	117	.	.	.
11	AB	8	-481	480	.	.	.	.	.	70	.	.	.
12	AB	9	-508	507	.	.	.	.	.	77	.	.	.
13	AB	10	-544	543	.	.	.	.	.	82	.	.	.
14	AB	11	-576	574	.	.	.	.	.	93	.	.	.
15	AB	12	-614	612	.	.	.	.	.	180	.	.	.
16	AB	13	-626	624	.	.	.	.	.	128	.	.	.
17	AB	14	-657	655	.	.	.	.	.	225	.	.	.
18	AB	15	-793	789	.	.	.	.	.	237	.	.	.
19	AB	40	-371	371	.	.	.	.	.	94	.	.	.
20	AB	41	-400	400	.	.	.	.	.	128	.	.	.
21	AB	42	-559	557	.	.	.	.	.	139	.	.	.
22	AB	43	-558	556	.	.	.	.	.	122	.	.	.
23	AB	44	-596	594	.	.	.	.	.	162	.	.	.
24	AB	45	-717	714	.	.	.	.	.	107	.	.	.
25	AB	51	-364	364	.	.	.	.	.	111	.	.	.
26	AB	52	-351	351	354	3	1	994	.	184	354	.	1
27	AB	53	-520	519	.	.	.	.	.	334	.	.	.
28	AB	59	-626	624	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1252	1253	1	1	975	.	188	1253	.	1
30	AB	58	-1782	1774	1774	.	1	967	.	240	1773	-1	1
31	AB	16	-842	839	.	.	.	.	.	162	.	.	.
32	AB	17	-905	902	.	.	.	.	.	163	.	.	.
33	AB	18	-925	922	.	.	.	.	.	152	.	.	.
34	AB	19	-918	915	.	.	.	.	.	165	.	.	.
35	AB	20	-961	957	.	.	.	.	.	154	.	.	.
36	AB	21	-994	990	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1056	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1040	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1054	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1077	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1086	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1151	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1181	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1490	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1246	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1256	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1363	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1486	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1532	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1661	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1771	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1779	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1777	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1892	.	.	.	.	.	149	.	.	.
55	AB	46	-805	802	.	.	.	.	.	196	.	.	.
56	AB	47	-972	968	970	2	2	969	.	139	970	.	1
57	AB	48	-1075	1071	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1214	.	.	.	.	1	266	.	.	.
59	AB	50	-964	960	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1989	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1994	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2066	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2403	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2403	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2496	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1253	1255	2	2	990	.	211	1255	.	1
67	AB	67	-1192	1187	1185	-2	2	985	.	200	1185	.	1

QUANTITATION REPORT FILE: 726119ABN2

DATA: 726119ABN2.TI
11/12/86 15:46:00
SAMPLE: BPC, VICKSBURG CHEMICAL, G, 2.5G TO 25 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	383	6:23	3	0.618	A BB	87382.	36.107	NG	24.85
2	82	503	8:23	3	0.811	A BV	80905.	25.838	NG	17.78
3	136	620	10:20	3	1.000	A BB	202087.	25.000	NG	17.20
4	187	956	15:56	29	0.763	A BB	7465.	8.333	NG	5.73
5	NOT	FOUND								
6	NOT	FOUND								
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	NOT	FOUND								
26	184	354	5:54	3	0.571	A BB	119.	0.069	NG/UL	0.05
27	NOT	FOUND								
28	NOT	FOUND								
29	188	1253	20:53	29	1.000	A BB	132461.	25.000	NG/UL	17.20
30	240	1773	29:33	30	1.000	A BB	61456.	25.000	NG	17.20
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	NOT	FOUND								
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

QUANTITATION REPORT FILE: 726119ABN2

DATA: 726119ABN2.TI
11/12/86 15:46:00
SAMPLE: BPC, VICKSBURG CHEMICAL, G, 2.5G TO 25 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

MQL = 50

NO	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	970	16:10	29	0.774	A BB	3330.	4.316 NG/UL	3.34
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1255	20:55	29	1.002	A BV	111240.	107.815 NG/UL	83.45
67	200	1185	19:45	29	0.946	A BB	14964.	17.084 NG/UL	13.22
		1908						2775	28,000

108 X25 ÷ 2.5g = 1080 mg/g

TCA FINISHED, 10 FOUND
FINISHED AT: 11/12/86 16:35:01

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,120 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample H

ACID COMPOUNDS

MQL 2,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		Trace
2,4-dinitrophenol		Trace
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		25,000

BASE/NEUTRAL COMPOUNDS

MQL 50,000

	ND	µg/l or µg/kg
acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		15,000,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

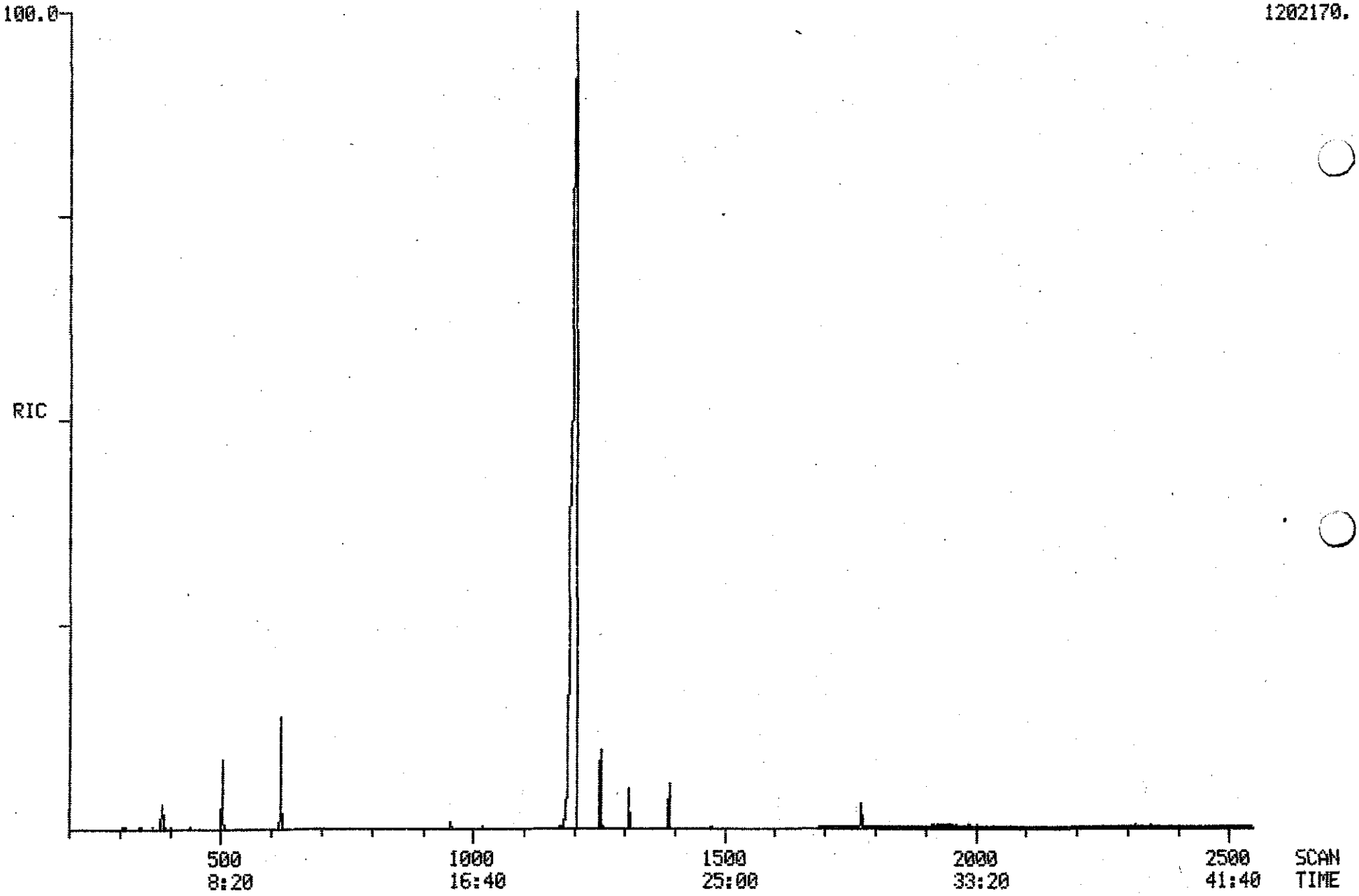
ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC
11/09/86 13:36:00
SAMPLE: BPC, VICKSBURG CHEMICAL, H, 2.5G TO 25ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726120ABN #1
CALI: 726121ABN #2

SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/09/86 14:20:20
DATA FILE: 726120ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS -----				>< --- PLUS UNKNOWNS ---				>< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	27	28	4	1	27	RTABN1/ABN1
4	4	2	139	41	6	3	653	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 8 FOUND

< COMPOUND ><			---------- SEARCH ----------					>< SAT ><		------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	385	385	.	1	977	.	98	385	.	1
2	AB	55	-505	504	504	.	1	973	.	82	504	.	1
3	AB	56	-622	620	620	.	1	994	.	136	620	.	1
4	AB	57	-962	956	956	.	1	994	.	187	956	.	1
5	AB	2	-387	387	.	.	.	.	.	93	.	.	.
6	AB	3	-420	420	.	.	.	.	.	146	.	.	.
7	AB	4	-426	426	.	.	.	.	.	146	.	.	.
8	AB	5	-453	452	.	.	.	.	.	146	.	.	.
9	AB	6	-461	460	.	.	.	.	.	45	.	.	.
10	AB	7	-499	498	.	.	.	.	.	117	.	.	.
11	AB	8	-481	480	.	.	.	.	.	70	.	.	.
12	AB	9	-508	507	.	.	.	.	.	77	.	.	.
13	AB	10	-544	543	.	.	.	.	.	82	.	.	.
14	AB	11	-576	574	.	.	.	.	.	93	.	.	.
15	AB	12	-614	612	.	.	.	.	.	180	.	.	.
16	AB	13	-626	624	.	.	.	.	.	128	.	.	.
17	AB	14	-657	654	.	.	.	.	.	225	.	.	.
18	AB	15	-793	789	.	.	.	.	.	237	.	.	.
19	AB	40	-371	371	.	.	.	.	.	94	.	.	.
20	AB	41	-400	400	.	.	.	.	.	128	.	.	.
21	AB	42	-559	557	.	.	.	.	.	139	.	.	.
22	AB	43	-558	556	.	.	.	.	.	122	.	.	.
23	AB	44	-596	594	.	.	.	.	.	162	.	.	.
24	AB	45	-717	714	.	.	.	.	.	107	.	.	.
25	AB	51	-364	364	.	.	.	.	.	111	.	.	.
26	AB	52	-351	352	.	.	.	.	.	184	.	.	.
27	AB	53	-520	519	.	.	.	.	.	334	.	.	.
28	AB	59	-626	624	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1251	1252	1	2	982	.	188	1252	.	1
30	AB	58	-1782	1773	1773	.	1	957	.	240	1773	.	1
31	AB	16	-842	836	.	.	.	.	.	162	.	.	.
32	AB	17	-905	898	.	.	.	.	.	163	.	.	.
33	AB	18	-925	918	.	.	.	.	.	152	.	.	.
34	AB	19	-918	911	.	.	.	.	.	165	.	.	.
35	AB	20	-961	954	.	.	.	.	.	154	.	.	.
36	AB	21	-994	987	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1037	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1073	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1082	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1147	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1178	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1486	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1242	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1252	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1359	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1482	.	.	.	.	.	202	.	.	.	
49	AB	34	-1538	1528	.	.	.	.	.	202	.	.	.	
50	AB	35	-1668	1657	.	.	.	.	.	149	.	.	.	
51	AB	36	-1779	1767	.	.	.	.	.	228	.	.	.	
52	AB	37	-1787	1775	.	.	.	.	.	228	.	.	.	
53	AB	38	-1785	1773	.	.	.	.	.	149	.	.	.	
54	AB	39	-1900	1888	.	.	.	.	.	149	.	.	.	
55	AB	46	-805	799	.	.	.	.	.	196	.	.	.	
56	AB	47	-972	965	.	.	.	.	.	139	.	.	.	
57	AB	48	-1075	1067	.	.	.	.	.	198	.	.	.	
58	AB	49	-1219	1211	.	.	.	.	.	266	.	.	.	
59	AB	50	-964	957	.	.	.	.	.	184	.	.	.	
60	AB	60	-1998	1985	.	.	.	.	.	252	.	.	.	
61	AB	61	-2003	1990	.	.	.	.	.	252	.	.	.	
62	AB	62	-2075	2062	.	.	.	.	.	252	.	.	.	
63	AB	63	-2414	2399	.	.	.	.	.	278	.	.	.	
64	AB	64	-2414	2399	.	.	.	.	.	276	.	.	.	
65	AB	65	-2507	2491	.	.	.	.	.	276	.	.	.	
66	AB	66	-1258	1249	1251	2	1	994	.	211	1251	.	1	
67	AB	67	-1192	1184	1172	-12	3	993	.	200	.	.	.	

QUANTITATION REPORT FILE: 726120ABN

DATA: 726120ABN.TI
11/09/86 13:36:00
SAMPLE: BPC, VICKSBURG CHEMICAL, H, 2.5G TO 25ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	385	6:25	3	0.621	A BB	84684.	37.510	NG	26.51
2	82	504	8:24	3	0.813	A BV	69517.	23.799	NG	16.82
3	136	620	10:20	3	1.000	A BB	188520.	25.000	NG	17.67
4	187	956	15:56	29	0.764	A BB	4443.	5.230	NG	3.70
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1252	20:52	29	1.000	A BB	125596.	25.000	NG/UL	17.67
30	240	1773	29:33	30	1.000	A BB	28506.	25.000	NG	17.67
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726120ABN

DATA: 726120ABN.TI
11/09/86 13:36:00
SAMPLE: BPC, VICKSBURG CHEMICAL, H, 2.5G TO 25ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1251	20:51	29	0.999	A BB	2999.	3.066 NG/UL	*100.30
67	NOT FOUND	1204					1570.		16000

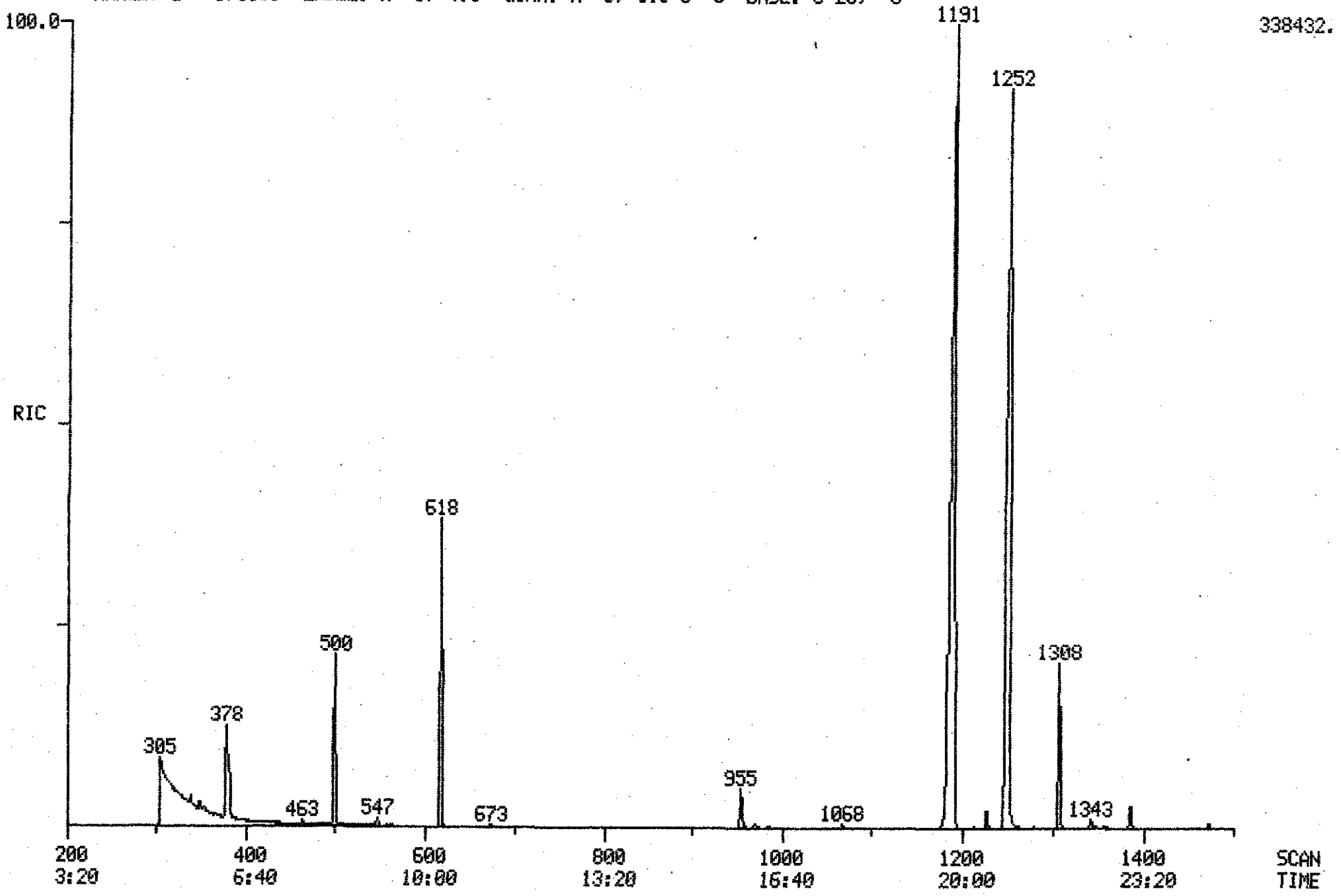
MQL = 5 µg/ml x 25 ml ÷ 2.5 g = 50 ng/g

TCA FINISHED, 8 FOUND
FINISHED AT: 11/09/86 14:25:12

RIC
11/14/86 11:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, H, ACID FRACTION, 2.5G TO 1 ML
CONDS.: DESC 1M
RANGE: G 1,1500 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726120A #1
CALI: 726128A #2

SCANS 200 TO 1500



PROCEDURE: TCA DIAGNOSTIC REPORT 11/14/86 14:46:23
DATA FILE: 726120A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	180	28	5	1	184	RTABN1/ABN1
4	3	1	70	41	8	1	291	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 10 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	380	378	-2	1	992	.	98	378	.	1
2	AB	55	-505	499	500	1	1	984	.	82	500	.	1
3	AB	56	-622	616	618	2	1	997	.	136	618	.	1
4	AB	57	-962	956	955	-1	1	992	.	187	955	.	1
5	AB	2	-387	382	.	.	.	.	.	93	.	.	.
6	AB	3	-420	415	.	.	.	.	.	146	.	.	.
7	AB	4	-426	421	.	.	.	.	.	146	.	.	.
8	AB	5	-453	448	.	.	.	.	.	146	.	.	.
9	AB	6	-461	456	.	.	.	.	.	45	.	.	.
10	AB	7	-499	494	.	.	.	.	.	117	.	.	.
11	AB	8	-481	476	.	.	.	.	.	70	.	.	.
12	AB	9	-508	503	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	651	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	366	.	.	.	.	.	94	.	.	.
20	AB	41	-400	395	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	359	.	.	.	.	.	111	.	.	.
26	AB	52	-351	347	348	1	1	996	.	184	348	.	1
27	AB	53	-520	515	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1249	1249	.	1	986	.	188	1249	.	1
30	AB	58	-1782	1770	.	.	.	.	999	240	.	.	.
31	AB	16	-842	838	.	.	.	.	.	162	.	.	.
32	AB	17	-905	901	.	.	.	.	.	163	.	.	.
33	AB	18	-925	921	.	.	.	.	.	152	.	.	.
34	AB	19	-918	914	.	.	.	.	.	165	.	.	.
35	AB	20	-961	956	.	.	.	.	.	154	.	.	.
36	AB	21	-994	989	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1055	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1039	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1053	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1076	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1084	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1180	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1488	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1244	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1254	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1361	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1484	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1529	.	.	.	.	999	202	.	.	.
50	AB	35	-1668	1659	.	.	.	.	999	149	.	.	.
51	AB	36	-1779	1769	.	.	.	.	999	228	.	.	.
52	AB	37	-1787	1777	.	.	.	.	999	228	.	.	.
53	AB	38	-1785	1775	.	.	.	.	999	149	.	.	.
54	AB	39	-1900	1889	.	.	.	.	999	149	.	.	.
55	AB	46	-805	801	.	.	.	.	.	196	.	.	.
56	AB	47	-972	967	970	3	1	976	.	139	970	.	1
57	AB	48	-1075	1070	1068	-2	1	977	.	198	1068	.	1
58	AB	49	-1219	1213	.	.	.	.	.	266	.	.	.
59	AB	50	-964	959	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1986	.	.	.	.	999	252	.	.	.
61	AB	61	-2003	1991	.	.	.	.	999	252	.	.	.
62	AB	62	-2075	2063	.	.	.	.	999	252	.	.	.
63	AB	63	-2414	2399	.	.	.	.	999	278	.	.	.
64	AB	64	-2414	2399	.	.	.	.	999	276	.	.	.
65	AB	65	-2507	2492	.	.	.	.	999	276	.	.	.
66	AB	66	-1258	1251	1252	1	1	994	.	211	1252	.	1
67	AB	67	-1192	1186	1191	5	1	993	.	200	1191	.	1

QUANTITATION REPORT FILE: 726120A

DATA: 726120A.TI
11/14/86 11:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, H, ACID FRACTION, 2.5G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	98	378	6:18	3	0.612	A BB	72480.	39.444 NG	20.69
2	82	500	8:20	3	0.809	A BB	60198.	25.321 NG	13.28
3	136	618	10:18	3	1.000	A BB	153440.	25.000 NG	13.11
4	187	955	15:55	29	0.765	A BB	7824.	10.732 NG	5.63
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	184	348	5:48	3	0.563	A BB	1839.	1.397 NG/UL	0.73
27	NOT FOUND								
28	NOT FOUND								
29	188	1249	20:49	29	1.000	A BV	107796.	25.000 NG/UL	13.11
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

QUANTITATION REPORT FILE: 726120A

DATA: 726120A.TI
11/14/86 11:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, H, ACID FRACTION, 2.5G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

MGL = 5 µg/ml * 1 ml ÷ 2.5 g = 2,000 µg/kg

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	970	16:10	29	0.777	A BB	1765.	2.811 NG/UL	0.41
57	198	1068	17:48	29	0.855	A BB	798.	1.382 NG/UL	0.20
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1252	20:52	29	1.002	A BB	209440.	249.438 NG/UL	36.53
67	200	1191	19:51	29	0.954	A BB	195803.	274.686 NG/UL	40.23

250 ÷ 2.5 g = 25 µg/g

TCA FINISHED, 10 FOUND
FINISHED AT: 11/14/86 14:51:56

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,121 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample I

ACID COMPOUNDS

MQL 20,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		70,000
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		1,600,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 20,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		8,000,000

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

11/09/86 13:21:50

DIAGNOSTIC REPORT

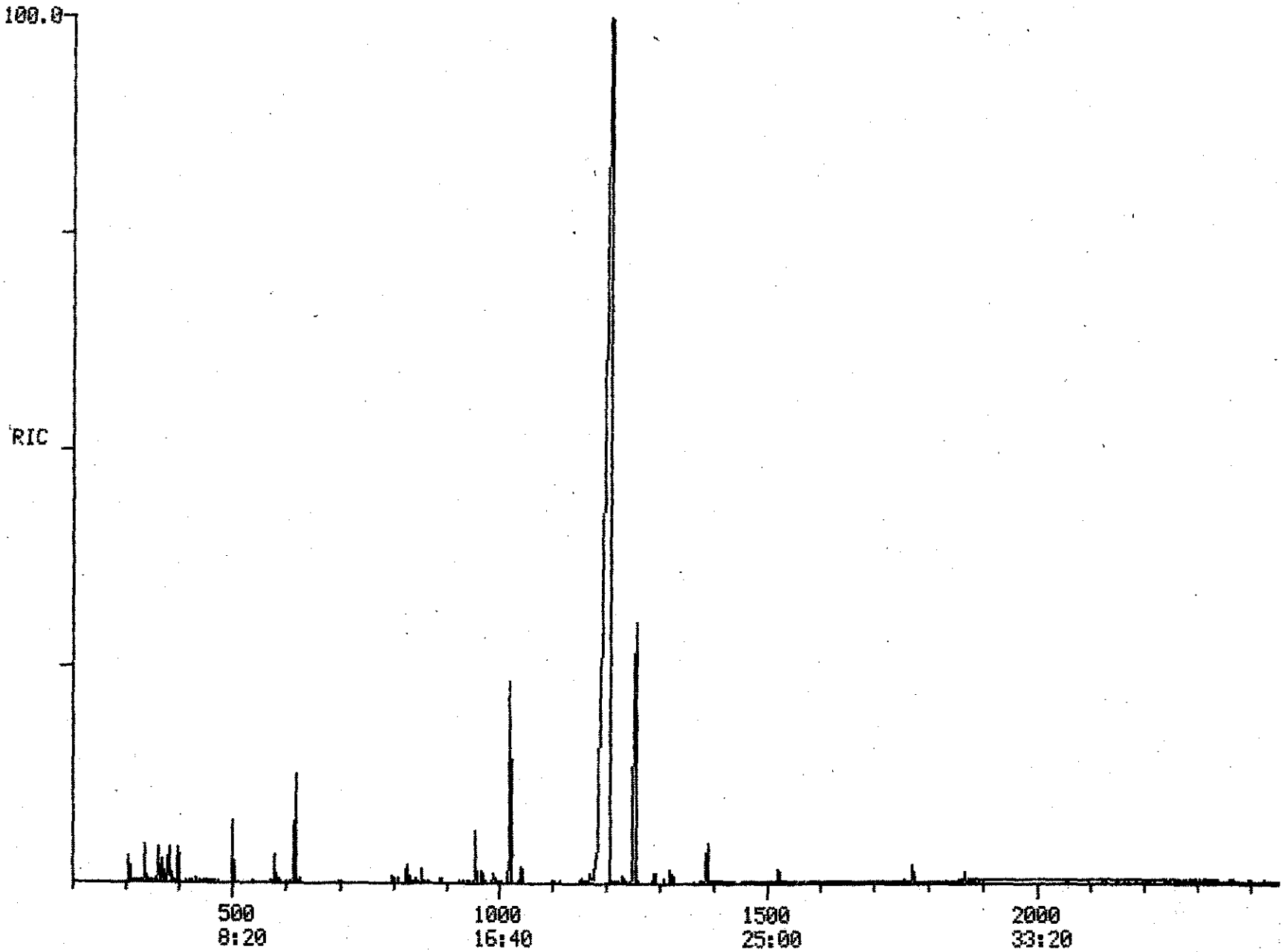
PROCEDURE: TCA
DATA FILE: 726121ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ------ >< --- PLUS UNKNOWNS --- >< - LIST NAMES - >
PROC USED POSS RMS PROC USED POSS RMS STANDARD/UNKNOWN

RIC
11/09/86 12:29:00
SAMPLE: BPC, VICKSBURG CHEMICAL, I,,2.5G TO 10 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726121ABN #1
CALI: 726122ABN #2

SCANS 200 TO 2550



1200120.

00 SCAN
:40 TIME

PROCEDURE: TCA DIAGNOSTIC REPORT 11/09/86 13:28:02
DATA FILE: 726121ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	116	28	7	1	104	RTABN1/ABN1
4	4	1	122	41	7	3	646	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	383	384	1	1	984	.	98	384	.	1
2	AB	55	-505	502	501	-1	1	966	.	82	501	.	1
3	AB	56	-622	618	619	1	1	994	.	136	619	.	1
4	AB	57	-962	956	956	.	1	967	.	187	956	.	1
5	AB	2	-387	385	.	.	.	.	.	93	.	.	.
6	AB	3	-420	417	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	450	449	-1	1	997	.	146	449	.	1
9	AB	6	-461	458	.	.	.	.	.	45	.	.	.
10	AB	7	-499	496	.	.	.	.	.	117	.	.	.
11	AB	8	-481	478	.	.	.	.	.	70	.	.	.
12	AB	9	-508	505	.	.	.	.	.	77	.	.	.
13	AB	10	-544	541	.	.	.	.	.	82	.	.	.
14	AB	11	-576	572	.	.	.	.	.	93	.	.	.
15	AB	12	-614	610	.	.	.	.	.	180	.	.	.
16	AB	13	-626	622	.	.	.	.	.	128	.	.	.
17	AB	14	-657	653	.	.	.	.	.	225	.	.	.
18	AB	15	-793	788	.	.	.	.	.	237	.	.	.
19	AB	40	-371	369	.	.	.	.	.	94	.	.	.
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	592	.	.	.	.	.	162	.	.	.
24	AB	45	-717	713	.	.	.	.	.	107	.	.	.
25	AB	51	-364	362	361	-1	1	957	.	111	361	.	1
26	AB	52	-351	349	349	.	1	998	.	184	349	.	1
27	AB	53	-520	517	.	.	.	.	.	334	.	.	.
28	AB	59	-626	622	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1251	1252	1	1	988	.	188	1251	-1	1
30	AB	58	-1782	1773	1773	.	1	957	.	240	1773	.	1
31	AB	16	-842	837	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	919	.	.	.	.	.	152	.	.	.
34	AB	19	-918	912	.	.	.	.	.	165	.	.	.
35	AB	20	-961	955	.	.	.	.	.	154	.	.	.
36	AB	21	-994	988	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1038	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1074	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1083	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1148	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1179	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1487	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1243	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1253	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1360	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1483	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1529	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1658	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1769	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1777	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1775	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1889	.	.	.	.	.	149	.	.	.
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.
56	AB	47	-972	966	968	2	3	990	.	139	968	.	1
57	AB	48	-1075	1068	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1212	.	.	.	.	.	266	.	.	.
59	AB	50	-964	958	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1987	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1992	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2063	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2401	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2401	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2493	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1250	1256	6	1	997	.	211	1256	.	1
67	AB	67	-1192	1185	1172	-13	1	982	.	200	1173	1	1

QUANTITATION REPORT FILE: 726121ABN

DATA: 726121ABN.TI
11/09/86 12:29:00
SAMPLE: BPC, VICKSBURG CHEMICAL, I., 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	384	6:24	3	0.620	A BV	96558.	39.162	NG	26.06
2	82	501	8:21	3	0.809	A BB	73677.	23.096	NG	15.37
3	136	619	10:19	3	1.000	A BB	205887.	25.000	NG	16.64
4	187	956	15:56	29	0.764	A BB	8810.	11.544	NG	7.68
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	146	449	7:29	3	0.725	A BB	2371.	0.821	NG/UL	0.55
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	361	6:01	3	0.583	A BB	1492.	0.362	NG/UL	0.24
26	184	349	5:49	3	0.564	A BB	530.	0.300	NG/UL	0.20
27	NOT FOUND									
28	NOT FOUND									
29	188	1251	20:51	29	1.000	A BV	112842.	25.000	NG/UL	16.64
30	240	1773	29:33	30	1.000	A BB	19875.	25.000	NG	16.64
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726121ABN

DATA: 726121ABN.TI
11/09/86 12:29:00
SAMPLE: BPC, VICKSBURG CHEMICAL, I., 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot	
51	NOT FOUND									
52	NOT FOUND									
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
56	139	968	16:08	29	0.774	A BV	11967.	18.206 NG/UL	4.24	
57	NOT FOUND									
58	NOT FOUND									
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND									
66	211	1256	20:56	29	1.004	A VB	361163.	410.902 NG/UL	95.63	1640
67	200	1173	19:33	29	0.938	A BB	423.	0.567 NG/UL	0.13	7500
		1208						18 78.00		

MQL = 5 x 10 ÷ 2.5 = 20

18 x 10 ÷ 2.5 = 70

TCA FINISHED, 12 FOUND
FINISHED AT: 11/09/86 13:33:06

RECEIVED
NOV 19 1986
DEPT OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,122 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample J

ACID COMPOUNDS

MQL 5,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		160,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 5,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		2,000,000

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

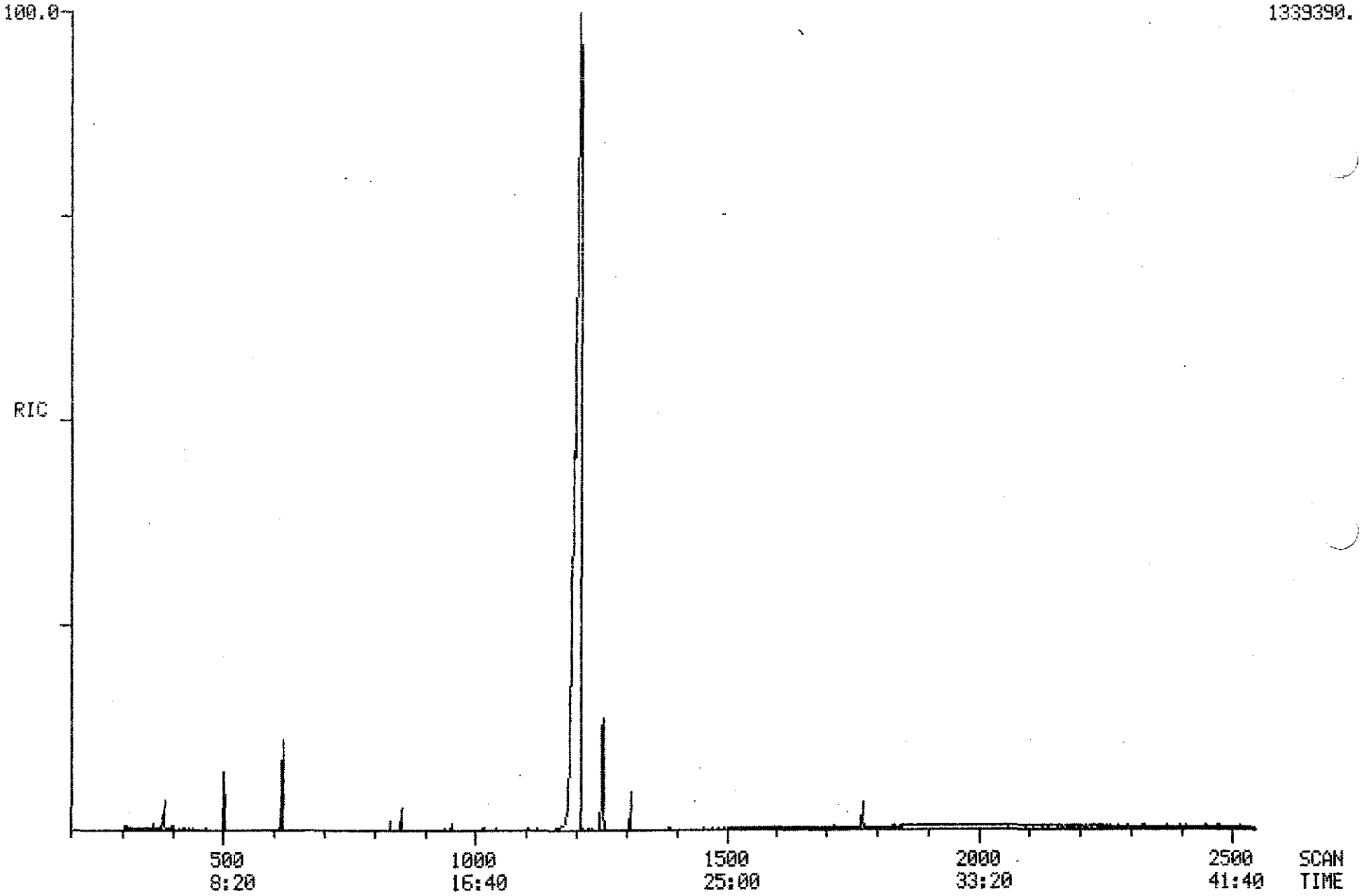
ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC
11/09/86 11:17:00
SAMPLE: BPC, VICKSBURG CHEMICAL, J, 1G TO 1 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726122ABN #1
CALI: 726122ABN #2

SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/09/86 12:00:49
DATA FILE: 726122ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS -----				>< --- PLUS UNKNOWNS ---				>< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	45	28	7	1	92	RTABN1/ABN1
4	4	2	122	41	7	1	565	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

| < COMPOUND | | | >< ---------- SEARCH ---------- | | | | | >< SAT | | >< ------ CHRO ------- | | | | >
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO | LIB | ENTRY | REF | PRED | SEL | DELTA | PEAKS | FIT | PEAKS | M/Z | TOP | DELTA | PEAKS |
| 1 | AB | 54 | -385 | 384 | 384 | . | 1 | 992 | . | 98 | 384 | . | 1 |
| 2 | AB | 55 | -505 | 502 | 502 | . | 1 | 976 | . | 82 | 502 | . | 1 |
| 3 | AB | 56 | -622 | 618 | 618 | . | 1 | 991 | . | 136 | 618 | . | 1 |
| 4 | AB | 57 | -962 | 955 | 955 | . | 1 | 993 | . | 187 | 954 | -1 | 1 |
| 5 | AB | 2 | -387 | 385 | . | . | . | . | . | 93 | . | . | . |
| 6 | AB | 3 | -420 | 418 | . | . | . | . | . | 146 | . | . | . |
| 7 | AB | 4 | -426 | 423 | . | . | . | . | . | 146 | . | . | . |
| 8 | AB | 5 | -453 | 450 | . | . | . | . | . | 146 | . | . | . |
| 9 | AB | 6 | -461 | 458 | . | . | . | . | . | 45 | . | . | . |
| 10 | AB | 7 | -499 | 496 | . | . | . | . | . | 117 | . | . | . |
| 11 | AB | 8 | -481 | 478 | . | . | . | . | . | 70 | . | . | . |
| 12 | AB | 9 | -508 | 505 | . | . | . | . | . | 77 | . | . | . |
| 13 | AB | 10 | -544 | 540 | . | . | . | . | . | 82 | . | . | . |
| 14 | AB | 11 | -576 | 572 | . | . | . | . | . | 93 | . | . | . |
| 15 | AB | 12 | -614 | 610 | . | . | . | . | . | 180 | . | . | . |
| 16 | AB | 13 | -626 | 622 | . | . | . | . | . | 128 | . | . | . |
| 17 | AB | 14 | -657 | 652 | . | . | . | . | . | 225 | . | . | . |
| 18 | AB | 15 | -793 | 787 | . | . | . | . | . | 237 | . | . | . |
| 19 | AB | 40 | -371 | 369 | . | . | . | . | . | 94 | . | . | . |
| 20 | AB | 41 | -400 | 398 | . | . | . | . | . | 128 | . | . | . |
| 21 | AB | 42 | -559 | 555 | . | . | . | . | . | 139 | . | . | . |
| 22 | AB | 43 | -558 | 554 | . | . | . | . | . | 122 | . | . | . |
| 23 | AB | 44 | -596 | 592 | . | . | . | . | . | 162 | . | . | . |
| 24 | AB | 45 | -717 | 712 | . | . | . | . | . | 107 | . | . | . |
| 25 | AB | 51 | -364 | 362 | 362 | . | 1 | 985 | . | 111 | 362 | . | 1 |
| 26 | AB | 52 | -351 | 349 | 349 | . | 1 | 996 | . | 184 | 349 | . | 1 |
| 27 | AB | 53 | -520 | 517 | 515 | -2 | 1 | 998 | . | 334 | 515 | . | 1 |
| 28 | AB | 59 | -626 | 622 | . | . | . | . | . | 127 | . | . | . |
| 29 | AB | 1 | -1257 | 1250 | 1251 | 1 | 2 | 988 | . | 188 | 1250 | -1 | 1 |
| 30 | AB | 58 | -1782 | 1772 | 1772 | . | 1 | 972 | . | 240 | 1771 | -1 | 1 |
| 31 | AB | 16 | -842 | 835 | . | . | . | . | . | 162 | . | . | . |
| 32 | AB | 17 | -905 | 898 | . | . | . | . | . | 163 | . | . | . |
| 33 | AB | 18 | -925 | 918 | . | . | . | . | . | 152 | . | . | . |
| 34 | AB | 19 | -918 | 911 | . | . | . | . | . | 165 | . | . | . |
| 35 | AB | 20 | -961 | 953 | . | . | . | . | . | 154 | . | . | . |
| 36 | AB | 21 | -994 | 986 | . | . | . | . | . | 165 | . | . | . |
| 37 | AB | 22 | -1060 | 1052 | . | . | . | . | . | 166 | . | . | . |
| 38 | AB | 23 | -1044 | 1036 | . | . | . | . | . | 149 | . | . | . |
| 39 | AB | 24 | -1058 | 1050 | . | . | . | . | . | 204 | . | . | . |
| 40 | AB | 25 | -1081 | 1073 | . | . | . | . | . | 169 | . | . | . |
| 41 | AB | 26 | -1090 | 1082 | . | . | . | . | . | 77 | . | . | . |
| 42 | AB | 27 | -1155 | 1147 | . | . | . | . | . | 248 | . | . | . |
| 43 | AB | 28 | -1186 | 1177 | . | . | . | . | . | 284 | . | . | . |
| 44 | AB | 29 | -1496 | 1486 | . | . | . | . | . | 184 | . | . | . |
| 45 | AB | 30 | -1251 | 1242 | . | . | . | . | . | 178 | . | . | . |
| 46 | AB | 31 | -1261 | 1252 | . | . | . | . | . | 178 | . | . | . |
| 47 | AB | 32 | -1368 | 1359 | 1359 | . | 1 | 934 | . | 149 | 1359 | . | 1 |

48	AB	33	-1492	1482	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1528	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1657	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1768	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1776	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1774	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1888	.	.	.	.	.	149	.	.	.
55	AB	46	-805	798	.	.	.	.	.	196	.	.	.
56	AB	47	-972	964	.	.	.	.	.	139	.	.	.
57	AB	48	-1075	1067	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1210	.	.	.	.	.	266	.	.	.
59	AB	50	-964	956	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1986	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1991	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2062	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2400	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2400	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2492	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1249	1253	4	1	993	.	211	1253	.	1
67	AB	67	-1192	1183	1172	-11	1	993	.	200	1172	.	1

QUANTITATION REPORT FILE: 726122ABN

DATA: 726122ABN.TI
11/09/86 11:17:00
SAMPLE: BPC, VICKSBURG CHEMICAL, J, 1G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	384	6:24	3	0.621	A BB	87091.	38.614	NG	26.61
2	82	502	8:22	3	0.812	A BB	66517.	22.795	NG	15.71
3	136	618	10:18	3	1.000	A BB	188332.	25.000	NG	17.23
4	187	954	15:54	29	0.763	A BB	5319.	6.503	NG	4.48
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	362	6:02	3	0.586	A BB	2510.	0.665	NG/UL	0.46
26	184	349	5:49	3	0.565	A BB	1121.	0.694	NG/UL	0.48
27	334	515	8:35	3	0.833	A BB	979.	0.530	NG/UL	0.37
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BV	120943.	25.000	NG/UL	17.23
30	240	1771	29:31	30	1.000	A BB	32058.	25.000	NG	17.23
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1359	22:39	29	1.087	A BB	2243.	0.325	NG/UL	0.22
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726122ABN

DATA: 726122ABN.TI
11/09/86 11:17:00
SAMPLE: BPC, VICKSBURG CHEMICAL, J, 1G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT		%TOT
51	NOT FOUND									
52	NOT FOUND									
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
56	NOT FOUND									
57	NOT FOUND									
58	NOT FOUND									
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND									
66	211	1253	20:53	29	1.002	A BB	148554.	157.692	NG/UL	99.21
67	200	1172	19:32	29	0.938	A BB	1018.	1.273	NG/UL	0.80

MQL = 5 µg/ml x 1 ml ÷ 1 g = 5

157 µg/g

2050 µg/g

TCA FINISHED, 12 FOUND
FINISHED AT: 11/09/86 12:05:50

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,123 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample K

ACID COMPOUNDS

MQL 10,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		30,000
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		620,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 10,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		360,000

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

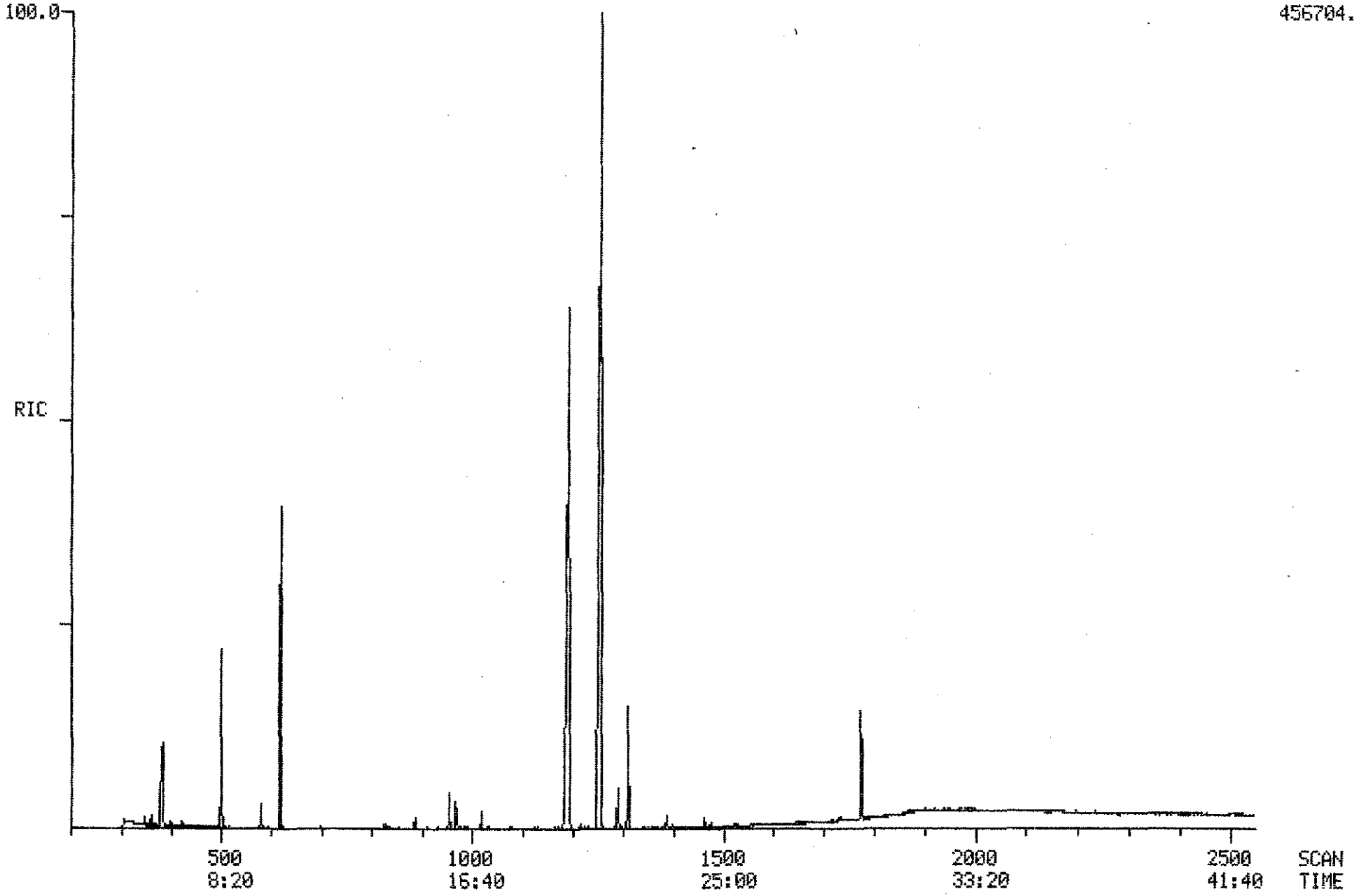
ND* = None Detected

James P. Hays

State Chemist

RIC
11/09/86 18:52:00
SAMPLE: BPC, VICKSBURG CHEMICAL, K, 2.5G TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726123ABN #1 SCANS 200 TO 2550
CALI: 726123ABN #2



PROCEDURE: TCA DIAGNOSTIC REPORT 11/08/86 19:35:37
DATA FILE: 726123ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	57	28	7	1	73	RTABN1/ABN1
4	4	1	112	41	7	1	247	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><							------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	383	383	.	1	996	.	98	383	.	1
2	AB	55	-505	502	501	-1	1	984	.	82	501	.	1
3	AB	56	-622	618	618	.	1	996	.	136	618	.	1
4	AB	57	-962	955	955	.	1	967	.	187	955	.	1
5	AB	2	-387	384	.	.	.	.	.	93	.	.	.
6	AB	3	-420	417	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	450	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	540	.	.	.	.	.	82	.	.	.
14	AB	11	-576	572	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	.	.	.	.	.	94	.	.	.
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	592	.	.	.	.	.	162	.	.	.
24	AB	45	-717	712	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	361	.	1	984	.	111	361	.	1
26	AB	52	-351	348	348	.	1	994	.	184	348	.	1
27	AB	53	-520	516	515	-1	1	997	.	334	515	.	1
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1250	1251	1	1	993	.	188	1251	.	1
30	AB	58	-1782	1774	1774	.	1	989	.	240	1773	-1	1
31	AB	16	-842	838	.	.	.	.	.	162	.	.	.
32	AB	17	-905	901	.	.	.	.	.	163	.	.	.
33	AB	18	-925	921	.	.	.	.	.	152	.	.	.
34	AB	19	-918	914	.	.	.	.	.	165	.	.	.
35	AB	20	-961	957	.	.	.	.	.	154	.	.	.
36	AB	21	-994	990	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1056	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1040	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1054	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1076	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1085	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1150	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1181	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1490	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1246	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1256	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1363	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1486	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1532	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1662	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1773	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1781	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1779	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1893	.	.	.	.	.	149	.	.	.
55	AB	46	-805	801	.	.	.	.	.	196	.	.	.
56	AB	47	-972	968	968	.	1	984	.	139	968	.	1
57	AB	48	-1075	1070	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1214	.	.	.	.	.	266	.	.	.
59	AB	50	-964	960	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1991	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1996	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2068	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2406	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2406	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2499	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1253	1255	2	1	995	.	211	1255	.	1
67	AB	67	-1192	1187	1191	4	1	997	.	200	1191	.	1

QUANTITATION REPORT FILE: 726123ABN

DATA: 726123ABN.TI
11/08/86 18:52:00
SAMPLE: BPC, VICKSBURG CHEMICAL, K, 2.5G TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	98	383	6:23	3	0.620	A BV	107049.	45.867 NG	28.17
2	82	501	8:21	3	0.811	A BB	79693.	26.391 NG	16.21
3	136	618	10:18	3	1.000	A BB	194888.	25.000 NG	15.35
4	187	955	15:55	29	0.763	A BB	13068.	12.568 NG	7.72
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	111	361	6:01	3	0.584	A BB	4324.	1.107 NG/UL	0.68
26	184	348	5:48	3	0.563	A BB	2206.	1.320 NG/UL	0.81
27	334	515	8:35	3	0.833	A BB	1145.	0.599 NG/UL	0.37
28	NOT FOUND								
29	188	1251	20:51	29	1.000	A BV	153736.	25.000 NG/UL	15.35
30	240	1773	29:33	30	1.000	A BB	50297.	25.000 NG	15.35
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

QUANTITATION REPORT FILE: 726123ABN

DATA: 726123ABN. TI
11/08/86 18:52:00
SAMPLE: BPC, VICKSBURG CHEMICAL, K, 2.5G TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4, 6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2, 4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A, H)ANTHRACENE
64	INDENO(1, 2, 3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4, 6-DINITRO-
67	ATRAZINE

NO	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT		%TOT	
51	NOT FOUND										
52	NOT FOUND										
53	NOT FOUND										
54	NOT FOUND										
55	NOT FOUND										
56	139	968	16:08	29	0.774	A BB	13535.	15.114	NG/UL	2.97	30
57	NOT FOUND										
58	NOT FOUND										
59	NOT FOUND										
60	NOT FOUND										
61	NOT FOUND										
62	NOT FOUND										
63	NOT FOUND										
64	NOT FOUND										
65	NOT FOUND										
66	211	1255	20:55	29	1.003	A BB	373979.	312.304	NG/UL	61.28	620
67	200	1191	19:51	29	0.952	A BB	185263.	182.235	NG/UL	35.76	360

MQL: 5 µg/ml x .5 ml ÷ 2.5g = 10 µg/g

TCA FINISHED, 12 FOUND
FINISHED AT: 11/08/86 19:40:35

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,124 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample L

ACID COMPOUNDS

MQL 500

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		Trace
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		15,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 20,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		220,000

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

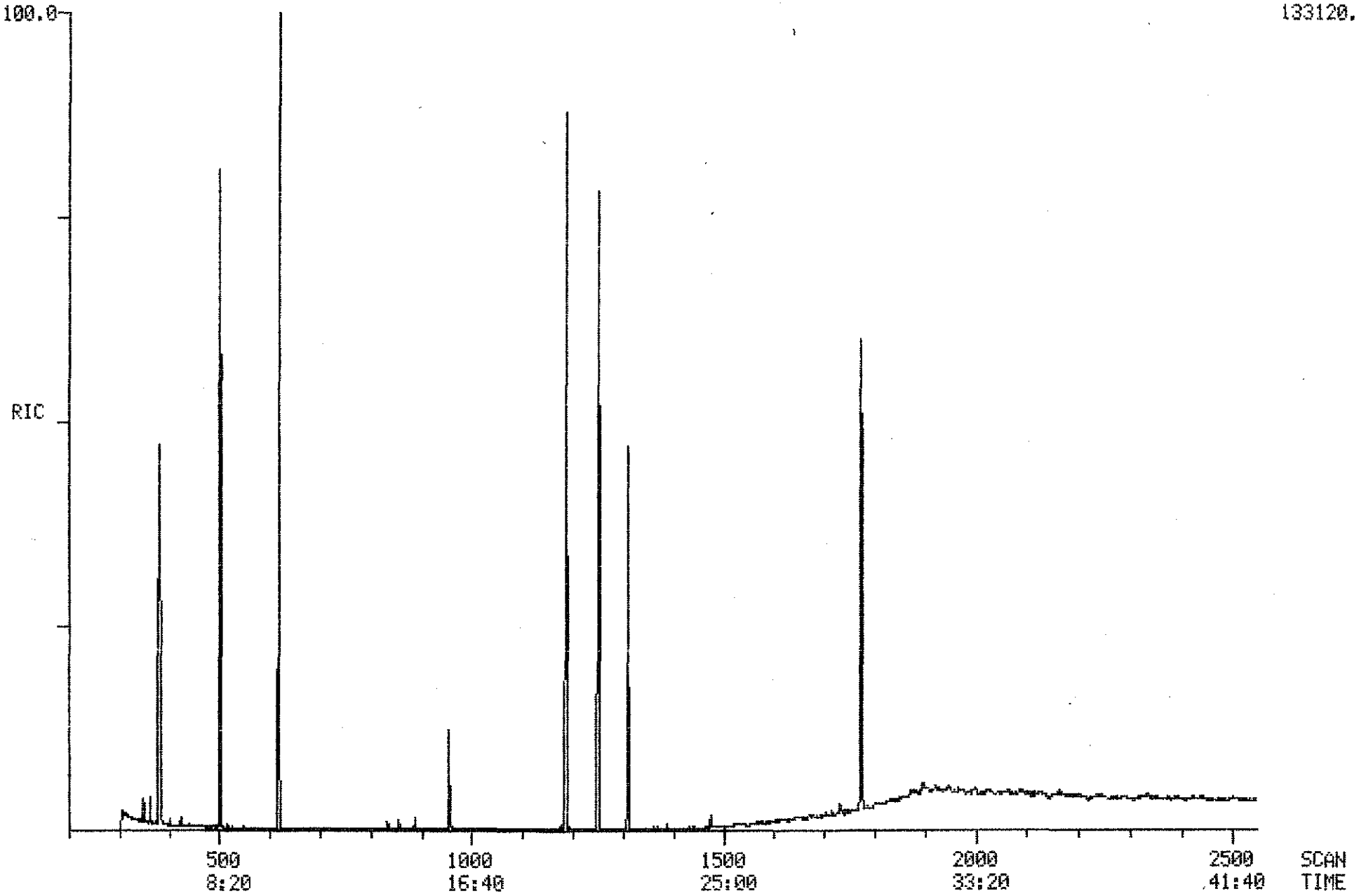
James P. Minyard

State Chemist

RIC
11/08/86 13:47:00
SAMPLE: BPC, VICKSBURG CHEMICAL, L, 2.5G TO 10 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726124ABN #1
CALI: 726124ABN #2

SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/08/86 14:31:33
DATA FILE: 726124ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	159	28	7	1	119	RTABN1/ABN1
4	4	1	87	41	6	2	156	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	381	380	-1	1	994	.	98	380	.	1
2	AB	55	-505	501	502	1	1	981	.	82	502	.	1
3	AB	56	-622	618	619	1	1	993	.	136	619	.	1
4	AB	57	-962	957	956	-1	1	981	.	187	956	.	1
5	AB	2	-387	384	.	.	.	.	.	93	.	.	.
6	AB	3	-420	417	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	450	.	.	.	.	.	146	.	.	.
9	AB	6	-461	458	.	.	.	.	.	45	.	.	.
10	AB	7	-499	496	.	.	.	.	.	117	.	.	.
11	AB	8	-481	478	.	.	.	.	.	70	.	.	.
12	AB	9	-508	505	.	.	.	.	.	77	.	.	.
13	AB	10	-544	541	.	.	.	.	.	82	.	.	.
14	AB	11	-576	572	.	.	.	.	.	93	.	.	.
15	AB	12	-614	610	.	.	.	.	.	180	.	.	.
16	AB	13	-626	622	.	.	.	.	.	128	.	.	.
17	AB	14	-657	653	.	.	.	.	.	225	.	.	.
18	AB	15	-793	788	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	.	.	.	.	.	94	.	.	.
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	592	.	.	.	.	.	162	.	.	.
24	AB	45	-717	713	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	362	1	1	988	.	111	362	.	1
26	AB	52	-351	348	349	1	1	994	.	184	349	.	1
27	AB	53	-520	517	517	.	1	996	.	334	516	-1	1
28	AB	59	-626	622	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1251	1251	.	1	994	.	188	1250	-1	1
30	AB	58	-1782	1774	1774	.	1	987	.	240	1774	.	1
31	AB	16	-842	837	.	.	.	.	.	162	.	.	.
32	AB	17	-905	900	.	.	.	.	.	163	.	.	.
33	AB	18	-925	920	.	.	.	.	.	152	.	.	.
34	AB	19	-918	913	.	.	.	.	.	165	.	.	.
35	AB	20	-961	956	.	.	.	.	.	154	.	.	.
36	AB	21	-994	989	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1054	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1038	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1052	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1075	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1084	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1180	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1488	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1245	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1254	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1361	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1485	.	.	.	.	.	202	.	.	.	
49	AB	34	-1538	1530	.	.	.	.	.	202	.	.	.	
50	AB	35	-1668	1660	.	.	.	.	.	149	.	.	.	
51	AB	36	-1779	1770	.	.	.	.	.	228	.	.	.	
52	AB	37	-1787	1778	.	.	.	.	.	228	.	.	.	
53	AB	38	-1785	1776	.	.	.	.	.	149	.	.	.	
54	AB	39	-1900	1891	.	.	.	.	.	149	.	.	.	
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.	
56	AB	47	-972	967	.	.	.	.	.	139	.	.	.	
57	AB	48	-1075	1069	.	.	.	.	.	198	.	.	.	
58	AB	49	-1219	1213	.	.	.	.	.	266	.	.	.	
59	AB	50	-964	959	.	.	.	.	.	184	.	.	.	
60	AB	60	-1998	1988	.	.	.	.	.	252	.	.	.	
61	AB	61	-2003	1993	.	.	.	.	.	252	.	.	.	
62	AB	62	-2075	2065	.	.	.	.	.	252	.	.	.	
63	AB	63	-2414	2403	.	.	.	.	.	278	.	.	.	
64	AB	64	-2414	2403	.	.	.	.	.	276	.	.	.	
65	AB	65	-2507	2495	.	.	.	.	.	276	.	.	.	
66	AB	66	-1258	1251	1249	-2	1	985	.	211	1249	.	1	
67	AB	67	-1192	1186	1187	1	2	996	.	200	1187	.	1	

QUANTITATION REPORT FILE: 726124ABN

DATA: 726124ABN.TI
11/08/86 13:47:00
SAMPLE: BPC, VICKSBURG CHEMICAL, L, 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	380	6:20	3	0.614	A BB	97203.	46.474	NG	28.45
2	82	502	8:22	3	0.811	A BB	70992.	26.234	NG	16.06
3	136	619	10:19	3	1.000	A BB	174651.	25.000	NG	15.30
4	187	956	15:56	29	0.765	A BB	10119.	12.972	NG	7.94
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	362	6:02	3	0.585	A BB	3236.	0.924	NG/UL	0.57
26	184	349	5:49	3	0.564	A BB	2016.	1.346	NG/UL	0.82
27	334	516	8:36	3	0.834	A BB	748.	0.437	NG/UL	0.27
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BB	115334.	25.000	NG/UL	15.30
30	240	1774	29:34	30	1.000	A BB	59101.	25.000	NG	15.30
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726124ABN

DATA: 726124ABN.TI
11/08/86 13:47:00
SAMPLE: BPC, VICKSBURG CHEMICAL, L, 2.5G TO 10 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

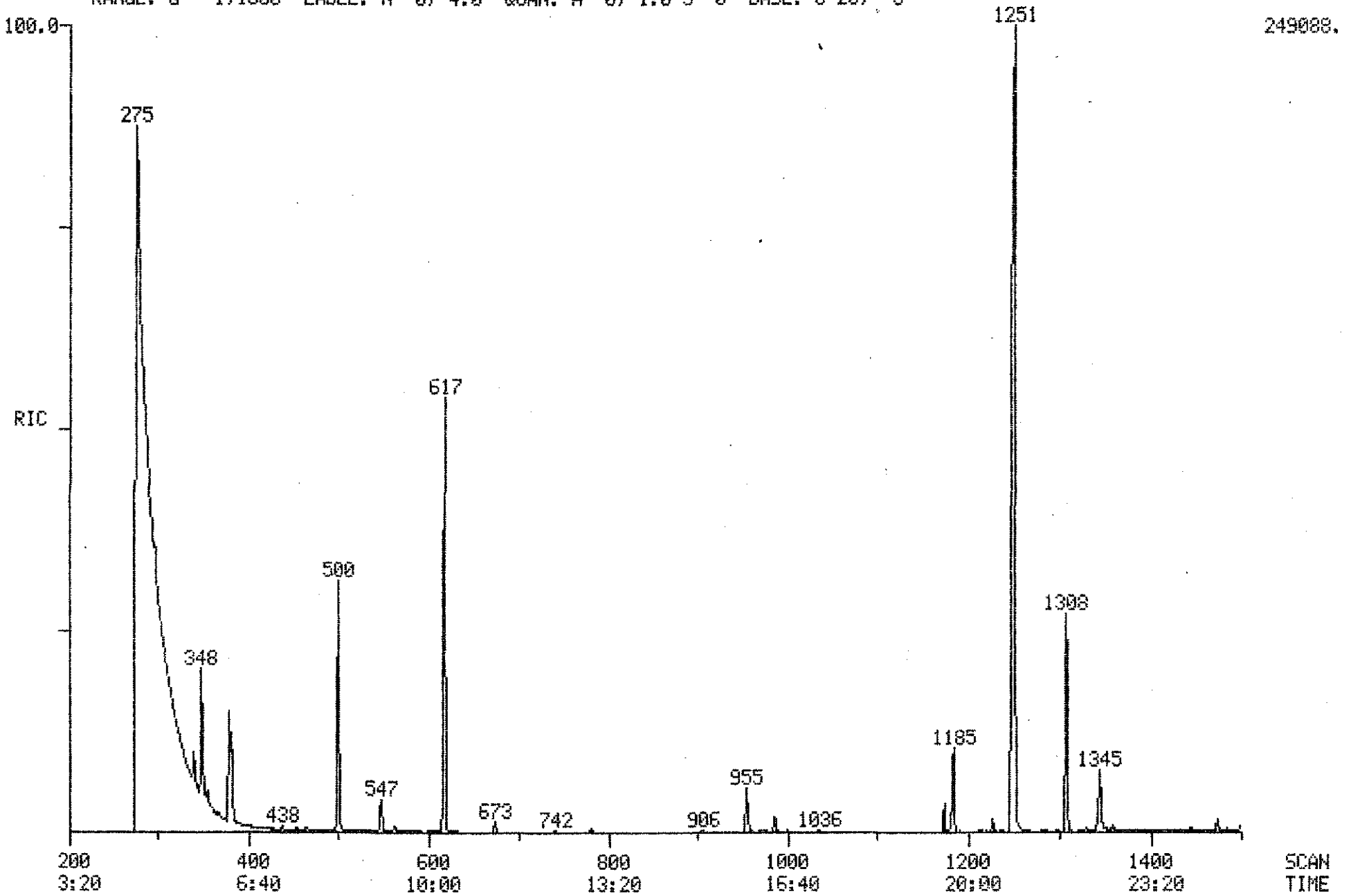
AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND							6.4x10 ÷ 2.5 =	
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1249	20:49	29	0.999	A BB	5708.	6.354 NG/UL	10.43 26
67	200	1187	19:47	29	0.950	A BB	41637.	54.594 NG/UL	89.59 220

TCA FINISHED, 11 FOUND
FINISHED AT: 11/08/86 14:36:27

RIC DATA: 726124A #1 SCANS 200 TO 1500
11/14/86 12:53:00 CALI: 726124ABN #2
SAMPLE: BPC,VICKSBURG CHEMICAL, L, ACID FRACTION, 2.5G TO .25ML
CONDS.: DESC 1M
RANGE: G 1,1500 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/14/86 14:53:27
DATA FILE: 726124A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	91	28	6	1	119	RTABN1/ABN1
4	3	1	32	41	9	1	177	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	380	379	-1	1	993	.	98	379	.	1
2	AB	55	-505	500	500	.	1	983	.	82	500	.	1
3	AB	56	-622	616	617	1	1	993	.	136	617	.	1
4	AB	57	-962	955	955	.	1	995	.	187	954	-1	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	494	.	.	.	.	.	117	.	.	.
11	AB	8	-481	476	.	.	.	.	.	70	.	.	.
12	AB	9	-508	503	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	367	368	1	1	951	.	94	368	.	1
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	360	.	.	.	.	.	111	.	.	.
26	AB	52	-351	347	348	1	1	992	.	184	348	.	1
27	AB	53	-520	515	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1249	1249	.	1	989	.	188	1249	.	1
30	AB	58	-1782	1771	.	.	.	.	999	240	.	.	.
31	AB	16	-842	837	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	919	.	.	.	.	.	152	.	.	.
34	AB	19	-918	912	.	.	.	.	.	165	.	.	.
35	AB	20	-961	955	.	.	.	.	.	154	.	.	.
36	AB	21	-994	988	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1038	1036	-2	1	957	.	149	1036	.	1
39	AB	24	-1058	1052	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1074	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1083	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1148	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1179	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1487	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1243	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1253	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1360	1359	-1	1	931	.	149	1359	.	1

48	AB	33	-1492	1483	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1529	.	.	.	.	999	202	.	.	.
50	AB	35	-1668	1658	.	.	.	.	9[illegible]	149	.	.	.
51	AB	36	-1779	1768	.	.	.	.	999	228	.	.	.
52	AB	37	-1787	1776	.	.	.	.	999	228	.	.	.
53	AB	38	-1785	1774	.	.	.	.	999	149	.	.	.
54	AB	39	-1900	1889	.	.	.	.	999	149	.	.	.
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.
56	AB	47	-972	966	970	4	1	937	.	139	970	.	1
57	AB	48	-1075	1068	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1212	.	.	.	.	.	266	.	.	.
59	AB	50	-964	958	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1986	.	.	.	.	999	252	.	.	.
61	AB	61	-2003	1991	.	.	.	.	999	252	.	.	.
62	AB	62	-2075	2062	.	.	.	.	999	252	.	.	.
63	AB	63	-2414	2399	.	.	.	.	999	278	.	.	.
64	AB	64	-2414	2399	.	.	.	.	999	276	.	.	.
65	AB	65	-2507	2492	.	.	.	.	999	276	.	.	.
66	AB	66	-1258	1250	1251	1	1	991	.	211	1251	.	1
67	AB	67	-1192	1185	1185	.	1	990	.	200	1184	-1	1

QUANTITATION REPORT FILE: 726124A

DATA: 726124A.TI
11/14/86 12:53:00
SAMPLE: BPC,VICKSBURG CHEMICAL, L, ACID FRACTION, 2.5G TO .25ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALA

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	379	6:19	3	0.614	A BB	64760.	32.762	NG	16.82
2	82	500	8:20	3	0.810	A BB	61028.	23.863	NG	12.25
3	136	617	10:17	3	1.000	A BB	165056.	25.000	NG	12.84
4	187	954	15:54	29	0.764	A BB	7501.	9.175	NG	4.71
5	NOT	FOUND								
6	NOT	FOUND								
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	94	368	6:08	3	0.596	A BB	572.	0.163	NG/UL	0.08
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	NOT	FOUND								
26	184	348	5:48	3	0.564	A BB	20593.	14.547	NG/UL	7.47
27	NOT	FOUND								
28	NOT	FOUND								
29	188	1249	20:49	29	1.000	A BV	120885.	25.000	NG/UL	12.84
30	NOT	FOUND								
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	149	1036	17:16	29	0.829	A BB	924.	0.232	NG/UL	0.12
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	149	1359	22:39	29	1.088	A BB	1752.	0.254	NG/UL	0.13
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

QUANTITATION REPORT FILE: 726124A

DATA: 726124A.TI
11/14/86 12:53:00
SAMPLE: BPC, VICKSBURG CHEMICAL, L, ACID FRACTION, 2.5G TO .25ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	970	16:10	29	0.777	A BB	879.	1.248 NG/UL	0.40
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1251	20:51	29	1.002	A BB	138443.	147.029 NG/UL	46.58
67	200	1184	19:44	29	0.948	A BB	10285.	12.866 NG/UL	4.08

MQL = 5 µg/ml x 0.25 ml ÷ 2.5 = 0.5

147 µg/ml x 0.25 ml ÷ 2.5 g = 15

TCA FINISHED, 12 FOUND
FINISHED AT: 11/14/86 14:59:04

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,125 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample M

ACID COMPOUNDS

MQL 2,000	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		11,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 2,000		
acenaphthene		
[redacted]		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		13,000

VOLATILE COMPOUNDS

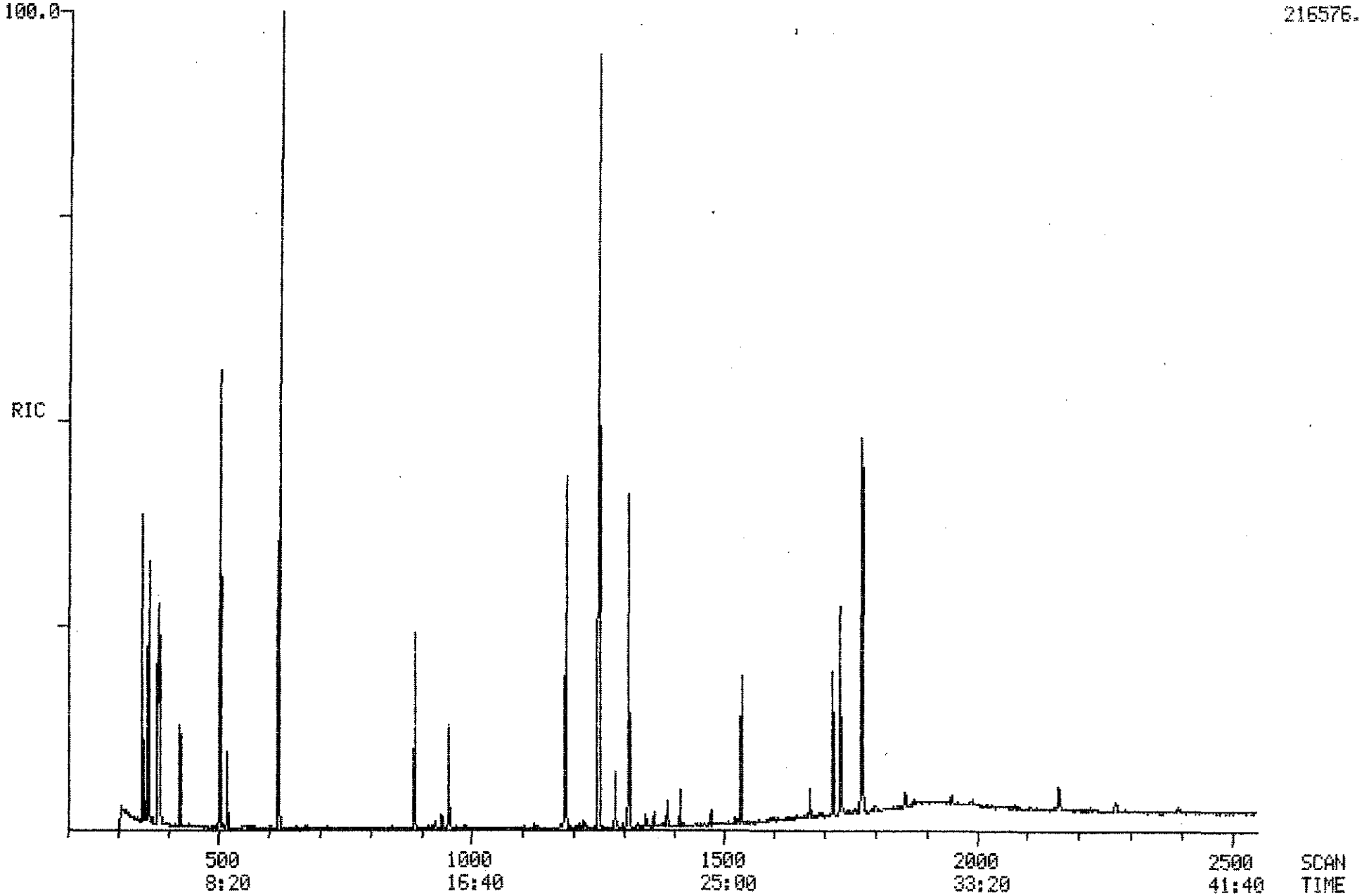
acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James [illegible]

State Chemist

RIC DATA: 726125ABN #1 SCANS 200 TO 2550
11/08/86 11:55:00 CALI: 726125ABN #2
SAMPLE: BPC,VICKSBURG CHEMICAL, M,2.5G TO 1 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/08/86 12:38:54
DATA FILE: 726125ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	71	28	8	1	54	RTABN1/ABN1
4	4	1	87	41	10	3	106	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 16 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	383	382	-1	2	996	.	98	382	.	1
2	AB	55	-505	502	502	.	1	987	.	82	501	-1	1
3	AB	56	-622	618	619	1	1	998	.	136	619	.	1
4	AB	57	-962	956	956	.	1	990	.	187	956	.	1
5	AB	2	-387	384	.	.	.	.	.	93	.	.	.
6	AB	3	-420	417	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	450	.	.	.	.	.	146	.	.	.
9	AB	6	-461	458	.	.	.	.	.	45	.	.	.
10	AB	7	-499	496	.	.	.	.	.	117	.	.	.
11	AB	8	-481	478	.	.	.	.	.	70	.	.	.
12	AB	9	-508	505	.	.	.	.	.	77	.	.	.
13	AB	10	-544	540	.	.	.	.	.	82	.	.	.
14	AB	11	-576	572	.	.	.	.	.	93	.	.	.
15	AB	12	-614	610	.	.	.	.	.	180	.	.	.
16	AB	13	-626	622	.	.	.	.	.	128	.	.	.
17	AB	14	-657	653	.	.	.	.	.	225	.	.	.
18	AB	15	-793	788	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	368	.	1	997	.	94	368	.	1
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	592	.	.	.	.	.	162	.	.	.
24	AB	45	-717	713	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	361	.	1	1000	.	111	361	.	1
26	AB	52	-351	348	348	.	1	998	.	184	348	.	1
27	AB	53	-520	516	516	.	1	998	.	334	516	.	1
28	AB	59	-626	622	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1251	1251	.	1	996	.	188	1250	-1	1
30	AB	58	-1782	1774	1774	.	1	982	.	240	1774	.	1
31	AB	16	-842	838	.	.	.	.	.	162	.	.	.
32	AB	17	-905	900	.	.	.	.	.	163	.	.	.
33	AB	18	-925	920	.	.	.	.	.	152	.	.	.
34	AB	19	-918	913	.	.	.	.	.	165	.	.	.
35	AB	20	-961	956	.	.	.	.	.	154	.	.	.
36	AB	21	-994	989	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1055	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1039	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1053	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1076	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1085	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1180	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1489	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1245	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1255	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1361	1361	.	1	987	.	149	1361	.	1

48	AB	33	-1492	1485	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1531	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1660	1660	.	1	959	.	149	1660	.	1
51	AB	36	-1779	1771	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1779	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1777	1777	.	1	925	.	149	1777	.	1
54	AB	39	-1900	1891	.	.	.	.	.	149	.	.	.
55	AB	46	-805	801	.	.	.	.	.	196	.	.	.
56	AB	47	-972	967	969	2	1	803	.	139	969	.	1
57	AB	48	-1075	1070	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1213	.	.	.	.	.	266	.	.	.
59	AB	50	-964	959	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1989	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1994	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2065	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2403	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2403	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2495	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1252	1250	-2	1	994	.	211	1250	.	1
67	AB	67	-1192	1186	1186	.	3	992	.	200	1186	.	1

QUANTITATION REPORT FILE: 726125ABN

DATA: 726125ABN.TI
11/08/86 11:55:00
SAMPLE: BPC,VICKSBURG CHEMICAL, M, ~~50~~ 25 TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	382	6:22	3	0.617	A BB	116665.	40.375	NG	20.72
2	82	501	8:21	3	0.809	A BV	102459.	27.406	NG	14.07
3	136	619	10:19	3	1.000	A BV	241287.	25.000	NG	12.83
4	187	956	15:56	29	0.765	A BB	13339.	12.308	NG	6.32
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	94	368	6:08	3	0.595	A BB	719.	0.140	NG/UL	0.07
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	361	6:01	3	0.583	A BB	55510.	11.477	NG/UL	5.89
26	184	348	5:48	3	0.562	A BB	41466.	20.037	NG/UL	10.28
27	334	516	8:36	3	0.834	A BB	17366.	7.340	NG/UL	3.77
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BB	160237.	25.000	NG/UL	12.83
30	240	1774	29:34	30	1.000	A BB	76973.	25.000	NG	12.83
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1361	22:41	29	1.089	A BB	5623.	0.615	NG/UL	0.32
48	NOT FOUND									
49	NOT FOUND									
50	149	1660	27:40	30	0.936	A VV	531.	0.149	NG/UL	0.08

QUANTITATION REPORT FILE: 726125ABN

DATA: 726125ABN.TI
11/08/86 11:55:00
SAMPLE: BPC, VICKSBURG CHEMICAL, M, ~~56~~ 2.5 TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

MQL = 5 µg ÷ 2.5 g = 2

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	149	1777	29:37	30	1.002	A BB	2230.	0.438 NG/UL	0.72
54	NOT FOUND								
55	NOT FOUND								
56	139	969	16:09	29	0.775	A BB	248.	0.266 NG/UL	0.44
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND							28 µg ÷ 2.5 g = 10	
64	NOT FOUND								
65	NOT FOUND								
66	211	1250	20:50	29	1.000	A BB	34442.	27.595 NG/UL	45.68
67	200	1186	19:46	29	0.949	A BB	34037.	32.122 NG/UL	53.17 13

TCA FINISHED, 16 FOUND
FINISHED AT: 11/08/86 12:44:05

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,126 **MARKED** BPC Vicksburg Chemcial

ANALYSIS OF Sediment Sample N

ACID COMPOUNDS

MQL 1,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		10,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 1,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		230,000

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

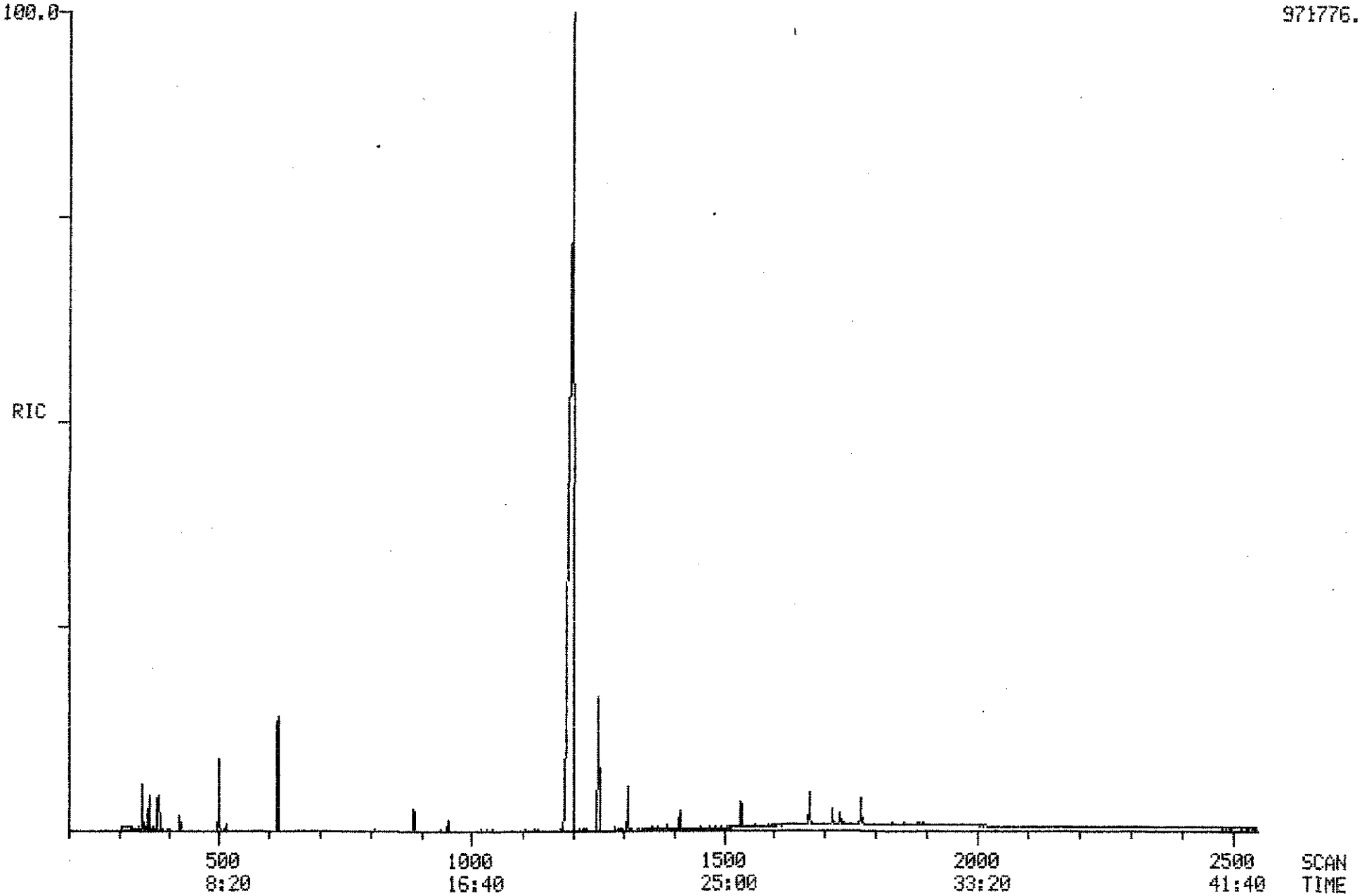
ND* = None Detected

State Chemist

RIC
11/08/86 15:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, N, 5G TO 0.5ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726126ABN #1
CALI: 726126ABN #2

SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/08/86 15:47:47
DATA FILE: 726126ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS -----				>< --- PLUS UNKNOWNS ---				>< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	86	28	8	1	66	RTABN1/ABN1
4	4	1	87	41	8	1	536	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 14 FOUND

< COMPOUND ><			---------- SEARCH ----------				>< SAT		>< ------ CHRO -------			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	381	381	.	1	995	.	98	381	.	1
2	AB	55	-505	501	500	-1	1	980	.	82	500	.	1
3	AB	56	-622	617	618	1	1	997	.	136	617	-1	1
4	AB	57	-962	955	955	.	1	986	.	187	954	-1	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	540	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	368	.	1	993	.	94	368	.	1
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	361	.	1	995	.	111	361	.	1
26	AB	52	-351	348	348	.	1	998	.	184	348	.	1
27	AB	53	-520	516	515	-1	1	995	.	334	514	-1	1
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1250	1250	.	1	987	.	188	1250	.	1
30	AB	58	-1782	1773	1773	.	1	987	.	240	1773	.	1
31	AB	16	-842	838	.	.	.	.	.	162	.	.	.
32	AB	17	-905	901	.	.	.	.	.	163	.	.	.
33	AB	18	-925	921	.	.	.	.	.	152	.	.	.
34	AB	19	-918	914	.	.	.	.	.	165	.	.	.
35	AB	20	-961	957	.	.	.	.	.	154	.	.	.
36	AB	21	-994	990	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1056	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1040	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1054	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1076	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1085	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1150	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1181	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1490	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1246	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1256	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1362	1360	-2	1	990	.	149	1360	.	1

48	AB	33	-1492	1486	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1531	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1661	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1771	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1779	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1777	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1892	.	.	.	.	.	149	.	.	.
55	AB	46	-805	802	.	.	.	.	.	196	.	.	.
56	AB	47	-972	968	968	.	1	620	.	139	968	.	1
57	AB	48	-1075	1070	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1214	.	.	.	.	.	266	.	.	.
59	AB	50	-964	960	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1989	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1994	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2066	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2404	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2404	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2496	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1253	1250	-3	1	996	.	211	1250	.	1
67	AB	67	-1192	1187	1199	12	1	996	.	200	1199	.	1

QUANTITATION REPORT FILE: 726126ABN

DATA: 726126ABN. TI
11/08/86 15:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, N,2.5G TO 0.5ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	381	6:21	3	0.618	A BB	81417.	39.567	NG	21.44
2	82	500	8:20	3	0.810	A BB	66918.	25.135	NG	13.62
3	136	617	10:17	3	1.000	A BB	171825.	25.000	NG	13.55
4	187	954	15:54	29	0.763	A BB	8531.	12.382	NG	6.71
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	94	368	6:08	3	0.596	A BB	1815.	0.497	NG/UL	0.27
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	361	6:01	3	0.585	A BB	29589.	8.591	NG/UL	4.66
26	184	348	5:48	3	0.564	A BB	25452.	17.271	NG/UL	9.36
27	334	514	8:34	3	0.833	A BB	8314.	4.935	NG/UL	2.67
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BB	101867.	25.000	NG/UL	13.55
30	240	1773	29:33	30	1.000	A BB	22584.	25.000	NG	13.55
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1360	22:40	29	1.088	A BB	6695.	1.153	NG/UL	0.62
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726126ABN

DATA: 726126ABN.TI
11/08/86 15:04:00
SAMPLE: BPC, VICKSBURG CHEMICAL, N, 5G TO 0.5ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot	
51	NOT FOUND									
52	NOT FOUND									
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
56	139	968	16:08	29	0.774	A BB	247.	0.416 NG/UL	0.03	
57	NOT FOUND									
58	NOT FOUND									
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND									
66	211	1250	20:50	29	1.000	A BB	38816.	48.920 NG/UL	4.08	9.8
67	200	1199	19:59	29	0.959	A BB	773640.	1148.480 NG/UL	95.88	230

Mg/L = 5 µg/ml x 0.5 ml ÷ 2.5g = 1

49 x 0.5 ml ÷ 2.5 g = 9.8

TCA FINISHED, 14 FOUND
FINISHED AT: 11/08/86 15:52:46

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,127 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample O

ACID COMPOUNDS

MQL 200	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		4,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 4,000		
acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		1,500,000
Bladex		142,000

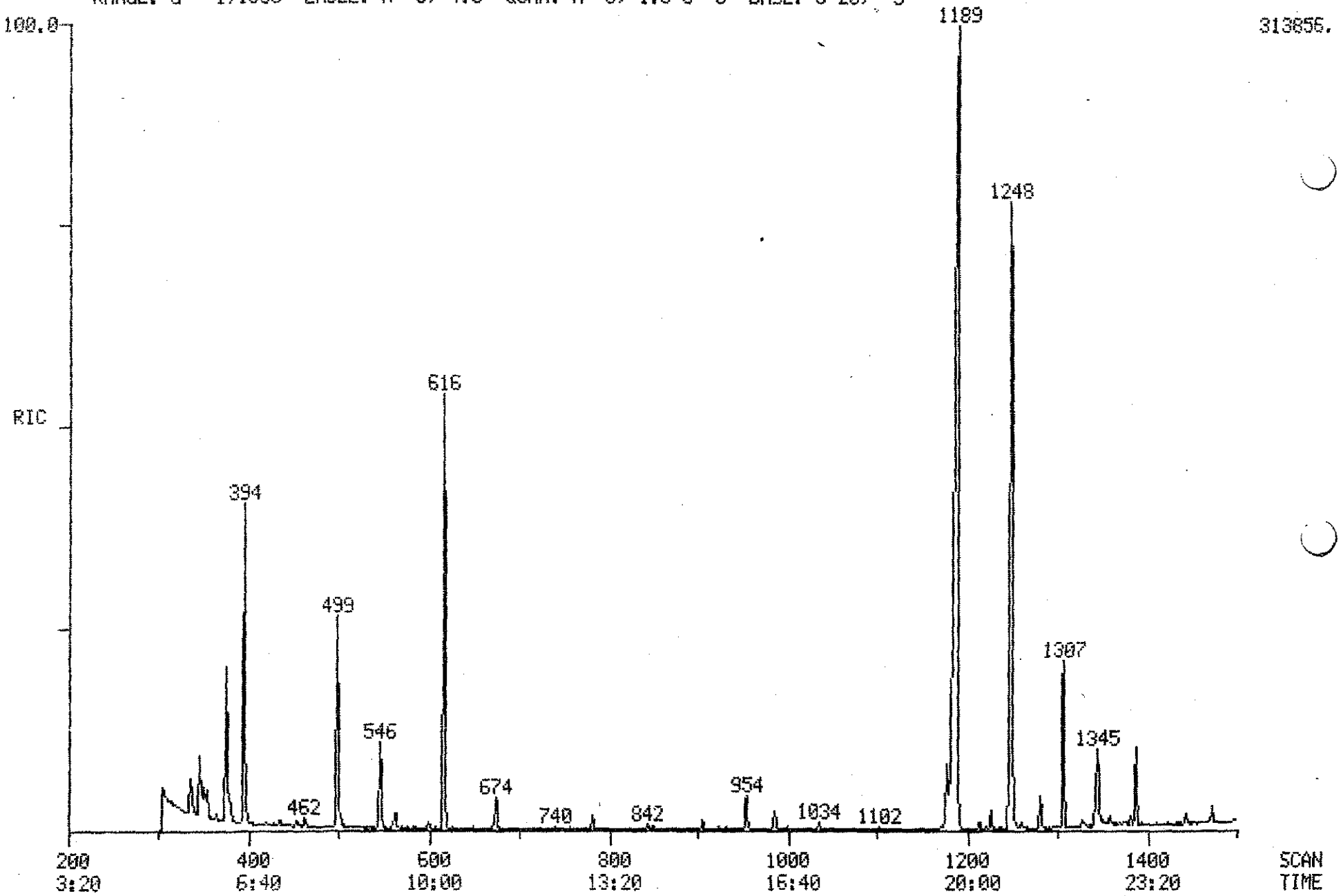
ND* = None Detected

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

James P. Hayes Jr.
State Chemist

RIC DATA: 726127A #1 SCANS 200 TO 1500
11/14/86 16:39:00 CALI: 726120A #2
SAMPLE: BPC, VICKSBURG CHEMICAL, O, ACID FRACTION, 2.5G TO 0.1ML
CONDS.: DESC 1M
RANGE: G 1,1500 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/14/86 17:05:20
DATA FILE: 726127A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	231	28	6	1	179	RTABN1/ABN1
4	3	1	32	41	9	2	343	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	377	375	-2	1	995	.	98	375	.	1
2	AB	55	-505	497	499	2	1	983	.	82	499	.	1
3	AB	56	-622	615	616	1	1	994	.	136	616	.	1
4	AB	57	-962	955	954	-1	1	994	.	187	953	-1	1
5	AB	2	-387	380	.	.	.	.	.	93	.	.	.
6	AB	3	-420	413	.	.	.	.	.	146	.	.	.
7	AB	4	-426	419	.	.	.	.	.	146	.	.	.
8	AB	5	-453	446	.	.	.	.	.	146	.	.	.
9	AB	6	-461	454	.	.	.	.	.	45	.	.	.
10	AB	7	-499	492	.	.	.	.	.	117	.	.	.
11	AB	8	-481	474	.	.	.	.	.	70	.	.	.
12	AB	9	-508	501	.	.	.	.	.	77	.	.	.
13	AB	10	-544	537	.	.	.	.	.	82	.	.	.
14	AB	11	-576	569	.	.	.	.	.	93	.	.	.
15	AB	12	-614	607	.	.	.	.	.	180	.	.	.
16	AB	13	-626	619	.	.	.	.	.	128	.	.	.
17	AB	14	-657	650	.	.	.	.	.	225	.	.	.
18	AB	15	-793	786	.	.	.	.	.	237	.	.	.
19	AB	40	-371	364	364	.	1	1000	.	94	364	.	1
20	AB	41	-400	393	.	.	.	.	.	128	.	.	.
21	AB	42	-559	552	.	.	.	.	.	139	.	.	.
22	AB	43	-558	551	.	.	.	.	.	122	.	.	.
23	AB	44	-596	589	.	.	.	.	.	162	.	.	.
24	AB	45	-717	710	.	.	.	.	.	107	.	.	.
25	AB	51	-364	357	.	.	.	.	.	111	.	.	.
26	AB	52	-351	344	345	1	1	998	.	184	345	.	1
27	AB	53	-520	513	.	.	.	.	.	334	.	.	.
28	AB	59	-626	619	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1248	1248	.	1	997	.	188	1247	-1	1
30	AB	58	-1782	1770	.	.	.	.	999	240	.	.	.
31	AB	16	-842	837	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	919	.	.	.	.	.	152	.	.	.
34	AB	19	-918	912	.	.	.	.	.	165	.	.	.
35	AB	20	-961	955	.	.	.	.	.	154	.	.	.
36	AB	21	-994	988	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1037	1034	-3	1	954	.	149	1034	.	1
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1074	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1083	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1148	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1178	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1486	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1243	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1253	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1359	1358	-1	1	990	.	149	1358	.	1

48	AB	33	-1492	1482	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1528	.	.	.	.	999	202	.	.	.
50	AB	35	-1668	1657	.	.	.	.	999	149	.	.	.
51	AB	36	-1779	1768	.	.	.	.	999	228	.	.	.
52	AB	37	-1787	1776	.	.	.	.	999	228	.	.	.
53	AB	38	-1785	1774	.	.	.	.	999	149	.	.	.
54	AB	39	-1900	1888	.	.	.	.	999	149	.	.	.
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.
56	AB	47	-972	966	972	6	2	746	.	139	972	.	1
57	AB	48	-1075	1068	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1211	.	.	.	.	.	266	.	.	.
59	AB	50	-964	958	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1985	.	.	.	.	999	252	.	.	.
61	AB	61	-2003	1990	.	.	.	.	999	252	.	.	.
62	AB	62	-2075	2062	.	.	.	.	999	252	.	.	.
63	AB	63	-2414	2399	.	.	.	.	999	278	.	.	.
64	AB	64	-2414	2399	.	.	.	.	999	276	.	.	.
65	AB	65	-2507	2491	.	.	.	.	999	276	.	.	.
66	AB	66	-1258	1250	1249	-1	1	982	.	211	1249	.	1
67	AB	67	-1192	1184	1189	5	1	995	.	200	1188	-1	1

QUANTITATION REPORT FILE: 726127A

DATA: 726127A.TI
11/14/86 16:39:00
SAMPLE: BPC, VICKSBURG CHEMICAL, O, ACID FRACTION, 2.5G TO 0.1ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
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4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	375	6:15	3	0.609	A BB	76643.	32.185	NG	16.64
2	82	499	8:19	3	0.810	A BB	74341.	24.129	NG	12.48
3	136	616	10:16	3	1.000	A BB	198849.	25.000	NG	12.93
4	187	953	15:53	29	0.764	A BB	7404.	8.647	NG	4.47
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	94	364	6:04	3	0.591	A BB	1789.	0.423	NG/UL	0.22
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	184	345	5:45	3	0.560	A BB	22052.	12.930	NG/UL	6.69
27	NOT FOUND									
28	NOT FOUND									
29	188	1247	20:47	29	1.000	A BB	126600.	25.000	NG/UL	12.93
30	NOT FOUND									
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	149	1034	17:14	29	0.829	A BB	2822.	0.676	NG/UL	0.35
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1358	22:38	29	1.089	A BB	4557.	0.631	NG/UL	0.33
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726127A

DATA: 726127A.TI
11/14/86 16:39:00
SAMPLE: BPC, VICKSBURG CHEMICAL, O, ACID FRACTION, 2.5G TO 0.1ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

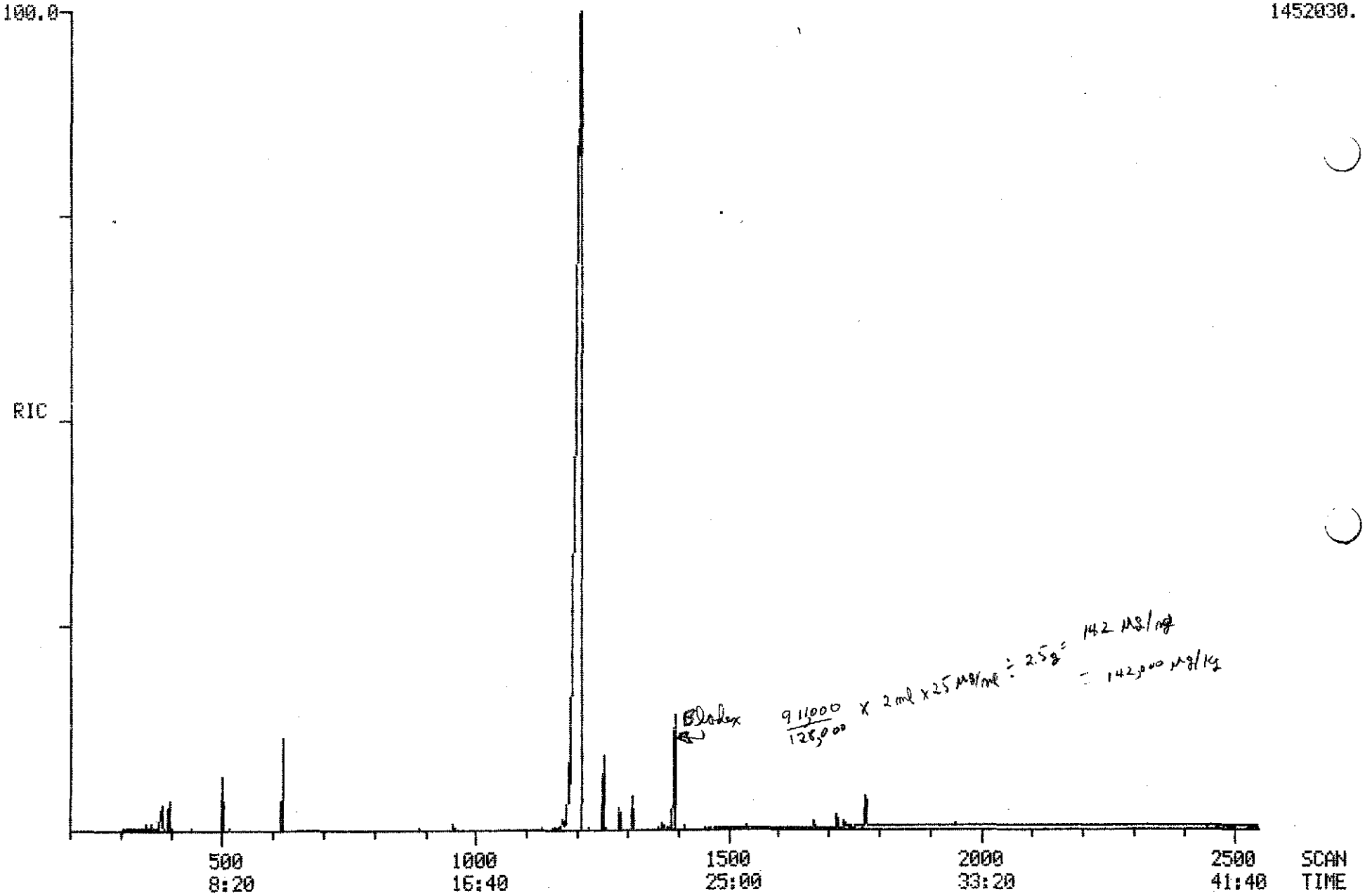
NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	972	16:12	29	0.779	A BB	194.	0.263 NG/UL	0.06
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1249	20:49	29	1.002	A BB	97993.	99.372 NG/UL	21.56 4
67	200	1188	19:48	29	0.953	A BB	173022.	206.675 NG/UL	44.85

MQL = 5 µg/ml X 0.1ml ÷ 2.5g = .2

TCA FINISHED, 12 FOUND
FINISHED AT: 11/14/86 17:10:06

RIC DATA: 726127ABN #1 SCANS 200 TO 2550
11/08/95 19:49:00 CALI: 726127ABN #2
SAMPLE: BPC, VICKSBURG CHEMICAL, 0, 2.5G TO 2 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/08/86 20:32:44
DATA FILE: 726127ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	44	28	7	1	66	RTABN1/ABN1
4	4	1	113	41	7	2	120	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	383	383	.	1	990	.	98	383	.	1
2	AB	55	-505	502	502	.	1	982	.	82	502	.	1
3	AB	56	-622	618	619	1	1	995	.	136	619	.	1
4	AB	57	-962	956	956	.	1	975	.	187	956	.	1
5	AB	2	-387	385	.	.	.	.	.	93	.	.	.
6	AB	3	-420	418	.	.	.	.	.	146	.	.	.
7	AB	4	-426	424	.	.	.	.	.	146	.	.	.
8	AB	5	-453	451	.	.	.	.	.	146	.	.	.
9	AB	6	-461	458	.	.	.	.	.	45	.	.	.
10	AB	7	-499	496	.	.	.	.	.	117	.	.	.
11	AB	8	-481	478	.	.	.	.	.	70	.	.	.
12	AB	9	-508	505	.	.	.	.	.	77	.	.	.
13	AB	10	-544	541	.	.	.	.	.	82	.	.	.
14	AB	11	-576	573	.	.	.	.	.	93	.	.	.
15	AB	12	-614	610	.	.	.	.	.	180	.	.	.
16	AB	13	-626	622	.	.	.	.	.	128	.	.	.
17	AB	14	-657	653	.	.	.	.	.	225	.	.	.
18	AB	15	-793	788	.	.	.	.	.	237	.	.	.
19	AB	40	-371	369	.	.	.	.	.	94	.	.	.
20	AB	41	-400	398	.	.	.	.	.	128	.	.	.
21	AB	42	-559	556	.	.	.	.	.	139	.	.	.
22	AB	43	-558	555	.	.	.	.	.	122	.	.	.
23	AB	44	-596	593	.	.	.	.	.	162	.	.	.
24	AB	45	-717	713	.	.	.	.	.	107	.	.	.
25	AB	51	-364	362	362	.	1	984	.	111	362	.	1
26	AB	52	-351	349	350	1	1	994	.	184	350	.	1
27	AB	53	-520	517	516	-1	1	995	.	334	516	.	1
28	AB	59	-626	622	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1251	1252	1	1	985	.	188	1252	.	1
30	AB	58	-1782	1774	1774	.	1	968	.	240	1774	.	1
31	AB	16	-842	837	.	.	.	.	.	162	.	.	.
32	AB	17	-905	900	.	.	.	.	.	163	.	.	.
33	AB	18	-925	920	.	.	.	.	.	152	.	.	.
34	AB	19	-918	913	.	.	.	.	.	165	.	.	.
35	AB	20	-961	956	.	.	.	.	.	154	.	.	.
36	AB	21	-994	989	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1054	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1038	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1052	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1075	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1084	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1180	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1489	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1245	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1255	.	.	.	.	.	179	.	.	.
47	AB	32	-1368	1361	1361	.	1	970	.	149	1361	.	1

48	AB	33	-1472	1465	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1531	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1660	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1771	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1779	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1777	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1891	.	.	.	.	.	149	.	.	.
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.
56	AB	47	-972	967	.	.	.	.	.	139	.	.	.
57	AB	48	-1075	1069	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1213	.	.	.	.	.	266	.	.	.
59	AB	50	-964	959	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1989	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1994	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2065	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2403	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2403	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2496	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1252	1252	.	1	993	.	211	1252	.	1
67	AB	67	-1192	1186	1184	-2	2	998	.	200	1183	-1	1

QUANTITATION REPORT FILE: 726127ABN

DATA: 726127ABN.TI
11/08/86 19:49:00
SAMPLE: BPC, VICKSBURG CHEMIC@AL, 0, 2.5G TO 2 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	383	6:23	3	0.619	A BB	91079.	40.225	NG	26.09
2	82	502	8:22	3	0.811	A BB	74271.	25.353	NG	16.44
3	136	619	10:19	3	1.000	A BB	189070.	25.000	NG	16.21
4	187	956	15:56	29	0.764	A BB	6862.	7.922	NG	5.14
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	362	6:02	3	0.585	A BB	6534.	1.724	NG/UL	1.12
26	184	350	5:50	3	0.565	A BB	4189.	2.583	NG/UL	1.68
27	334	516	8:36	3	0.834	A BB	1693.	0.913	NG/UL	0.59
28	NOT FOUND									
29	188	1252	20:52	29	1.000	A BB	128076.	25.000	NG/UL	16.21
30	240	1774	29:34	30	1.000	A BB	41322.	25.000	NG	16.21
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1361	22:41	29	1.087	A BB	3513.	0.481	NG/UL	0.31
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726127ABN

DATA: 726127ABN.TI
11/08/86 19:49:00
SAMPLE: BPC, VICKSBURG CHEMIC@AL, O, 2.5G TO 2 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

NO	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT		%TOT	
51	NOT FOUND										
52	NOT FOUND										
53	NOT FOUND										
54	NOT FOUND										
55	NOT FOUND										
56	NOT FOUND										
57	NOT FOUND										
58	NOT FOUND										
59	NOT FOUND										
60	NOT FOUND										
61	NOT FOUND										
62	NOT FOUND										
63	NOT FOUND										
64	NOT FOUND										
65	NOT FOUND										
66	211	1252	20:52	29	1.000	A BB	9478.	9.501	NG/UL	47.93	7.6
67	200	1183	19:43	29	0.945	A BB	8752.	10.334	NG/UL	52.13	1416

MQL = 5 mg/ml x 2 ml ÷ 2.5 g = 4

+1456

TCA FINISHED, 12 FOUND
FINISHED AT: 11/08/86 20:37:45

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,128 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample P

ACID COMPOUNDS

MQL 100

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		Trace
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		1,200
phenol		
DNBP		6,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 2,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		1,000,000

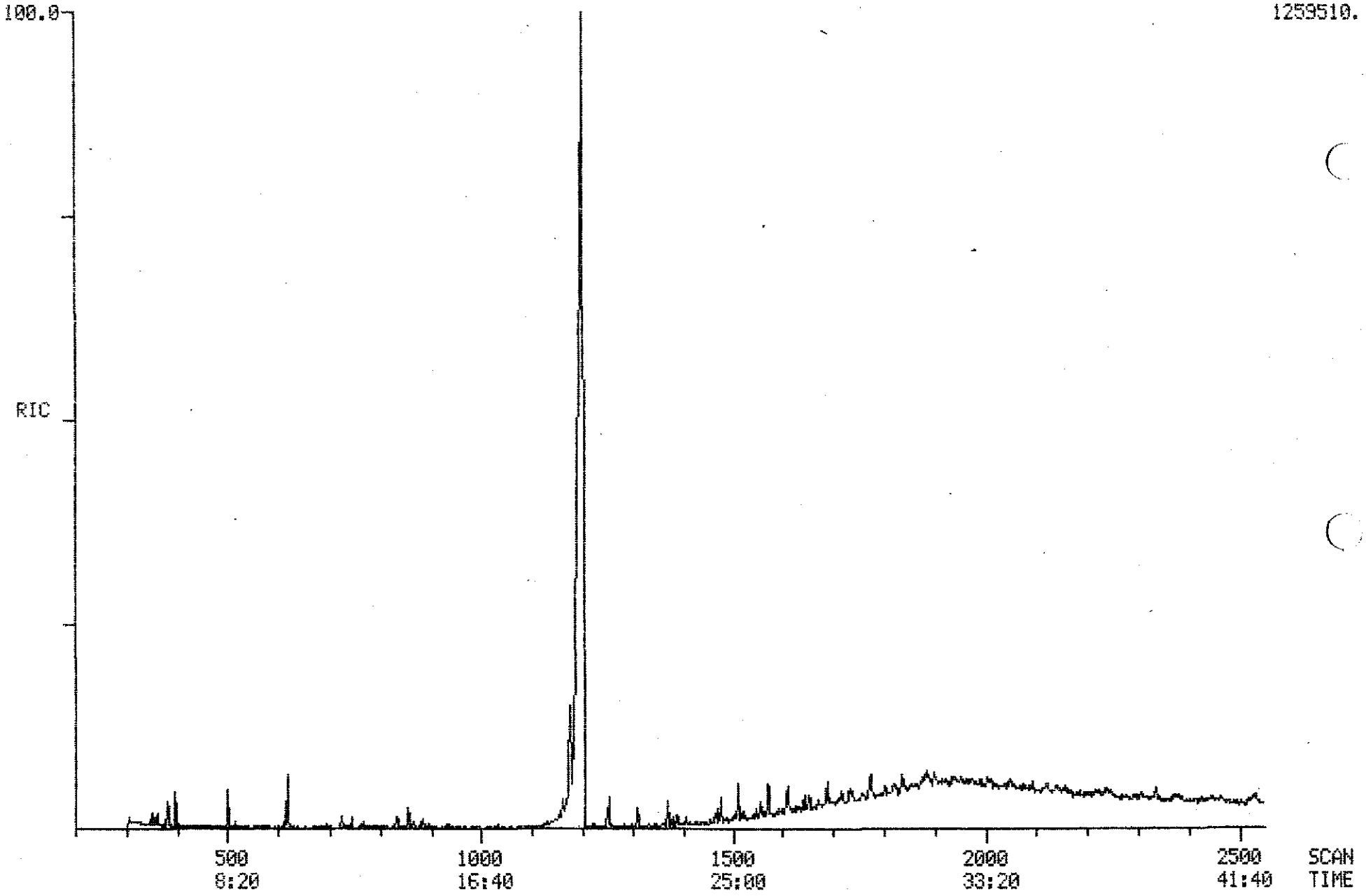
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 726128ABN #1 SCANS 200 TO 2550
11/08/86 15:57:00 CALI: 726128ABN #2
SAMPLE: BPC,VICKSBURG CHEMICAL, P,5G TO 1 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/13/86 14:33:31
DATA FILE: 726128ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	125	28	9	1	112	RTABN1/ABN1
4	4	2	262	41	9	2	465	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 16 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	383	382	-1	1	995	.	98	382	.	1
2	AB	55	-505	501	501	.	1	976	.	82	501	.	1
3	AB	56	-622	617	619	2	1	991	.	136	619	.	1
4	AB	57	-962	955	954	-1	1	987	.	187	954	.	1
5	AB	2	-387	385	.	.	.	.	.	93	.	.	.
6	AB	3	-420	418	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	450	.	.	.	.	.	146	.	.	.
9	AB	6	-461	458	.	.	.	.	.	45	.	.	.
10	AB	7	-499	496	.	.	.	.	.	117	.	.	.
11	AB	8	-481	478	.	.	.	.	.	70	.	.	.
12	AB	9	-508	505	.	.	.	.	.	77	.	.	.
13	AB	10	-544	541	.	.	.	.	.	82	.	.	.
14	AB	11	-576	572	.	.	.	.	.	93	.	.	.
15	AB	12	-614	610	.	.	.	.	.	180	.	.	.
16	AB	13	-626	622	623	1	1	981	.	128	623	.	1
17	AB	14	-657	653	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	369	.	.	.	.	.	94	.	.	.
20	AB	41	-400	398	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	592	.	.	.	.	.	162	.	.	.
24	AB	45	-717	712	.	.	.	.	.	107	.	.	.
25	AB	51	-364	362	361	-1	1	979	.	111	361	.	1
26	AB	52	-351	349	350	1	1	997	.	184	350	.	1
27	AB	53	-520	517	516	-1	1	997	.	334	516	.	1
28	AB	59	-626	622	623	1	1	981	.	127	623	.	1
29	AB	1	-1257	1251	1253	2	2	993	.	188	1252	-1	1
30	AB	58	-1782	1774	1774	.	1	965	.	240	1774	.	1
31	AB	16	-842	835	.	.	.	.	.	162	.	.	.
32	AB	17	-905	898	.	.	.	.	.	163	.	.	.
33	AB	18	-925	918	.	.	.	.	.	152	.	.	.
34	AB	19	-918	911	.	.	.	.	.	165	.	.	.
35	AB	20	-961	954	.	.	.	.	.	154	.	.	.
36	AB	21	-994	987	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1037	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1073	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1082	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1147	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1178	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1487	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1243	1247	4	1	985	.	178	1247	.	1
46	AB	31	-1261	1253	1247	-6	1	986	.	178	1247	.	1
47	AB	32	-1368	1360	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1483	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1529	1531	2	1	993	.	202	1530	-1	.
50	AB	35	-1668	1659	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1769	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1777	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1775	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1890	.	.	.	.	.	149	.	.	.
55	AB	46	-805	798	.	.	.	.	.	196	.	.	.
56	AB	47	-972	965	.	.	.	.	.	139	.	.	.
57	AB	48	-1075	1067	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1211	.	.	.	.	.	266	.	.	.
59	AB	50	-964	957	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1988	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1993	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2065	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2403	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2403	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2495	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1250	1250	.	1	992	.	211	1250	.	1
67	AB	67	-1192	1184	1176	-8	2	995	.	200	1175	-1	1

QUANTITATION REPORT FILE: 726128ABN

DATA: 726128ABN. TI
11/08/86 15:57:00
SAMPLE: BPC, VICKSBURG CHEMICAL, P, 5G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2, 4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1, 2, 3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2, 6-DINITROTOULENE
35	ACENAPHTHENE
36	2, 4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1, 2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	382	6:22	3	0.617	A BV	59073.	34.106	NG	22.13
2	82	501	8:21	3	0.809	A BV	53845.	24.028	NG	15.59
3	136	619	10:19	3	1.000	A BB	144629.	25.000	NG	16.22
4	187	954	15:54	29	0.762	A BB	1532.	2.839	NG	1.84
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	128	623	10:23	3	1.006	A BB	1516.	0.269	NG/UL	0.17
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	361	6:01	3	0.583	A BB	13285.	4.582	NG/UL	2.97
26	184	350	5:50	3	0.565	A BB	8482.	6.838	NG/UL	4.44
27	334	516	8:36	3	0.834	A BB	7381.	5.205	NG/UL	3.38
28	127	623	10:23	3	1.006	A BB	209.	0.315	NG/UL	0.20
29	188	1252	20:52	29	1.000	A VB	79796.	25.000	NG/UL	16.22
30	240	1774	29:34	30	1.000	A BB	28454.	25.000	NG	16.22
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	178	1247	20:47	29	0.996	A BB	1158.	0.318	NG/UL	0.21
46	178	1247	20:47	29	0.996	A BB	1158.	0.328	NG/UL	0.21
47	NOT FOUND									
48	NOT FOUND									
49	202	1530	25:30	30	0.862	A BB	915.	0.316	NG/UL	0.20
50	NOT FOUND									

QUANTITATION REPORT FILE: 726128ABN

DATA: 726128ABN.TI
11/08/86 15:57:00
SAMPLE: BPC, VICKSBURG CHEMICAL, P, ~~8~~ 2.5G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

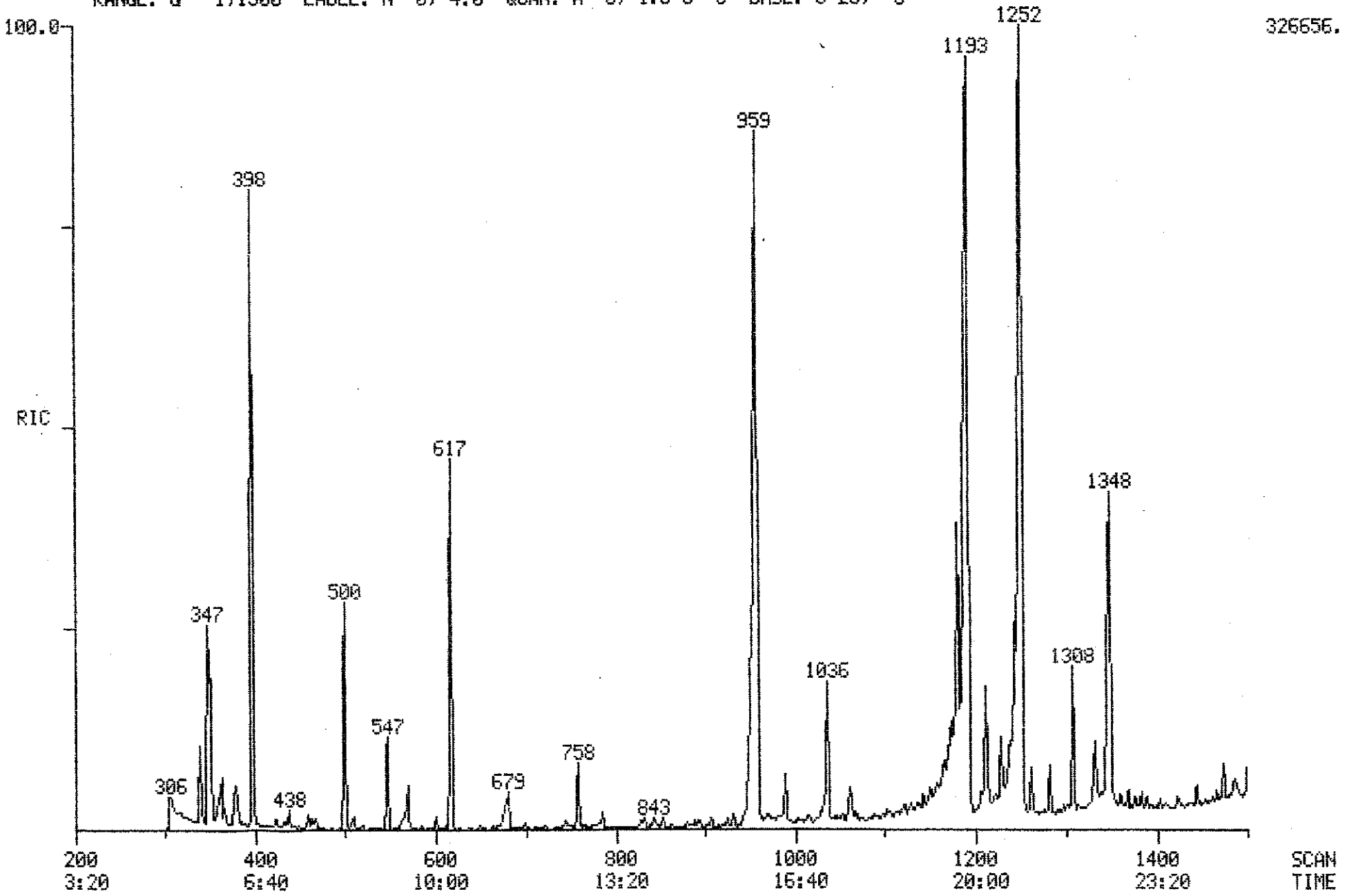
AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

NO	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT		%TOT	
51	NOT FOUND										
52	NOT FOUND										
53	NOT FOUND										
54	NOT FOUND										
55	NOT FOUND										
56	NOT FOUND										
57	NOT FOUND										
58	NOT FOUND										
59	NOT FOUND										
60	NOT FOUND										
61	NOT FOUND										
62	NOT FOUND										
63	NOT FOUND										
64	NOT FOUND										
65	NOT FOUND										
66	211	1250	20:50	29	0.998	A BB	1533.	2.466	NG/UL	1.73	1
67	200	1175	19:35	29	0.938	A VB	73948.	140.141	NG/UL	98.28	2500 ÷ 2.5
		1203						2344 / 2484			= 1000

PQL = 5 µg/ml × 1 ml ÷ 2.5 g = ~~2.5~~ 2.0

RIC DATA: 726128A #1 SCANS 200 TO 1500
11/14/86 14:39:00 CALI: 726124A #2
SAMPLE: BPC,VICKSBURG CHEMICAL, P, ACID FRACTION, 2.5G TO 0.05ML
CONDS.: DESC 1M
RANGE: G 1,1500 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/14/86 15:06:09
DATA FILE: 726128A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	6	64	28	11	1	228	RTABN1/ABN1
4	3	1	251	41	10	45	240	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 18 FOUND

< COMPOUND >				< ---------- SEARCH ---------- >				< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	379	378	-1	2	980	.	98	378	.	1
2	AB	55	-505	499	500	1	1	983	.	82	500	.	1
3	AB	56	-622	617	617	.	1	996	.	136	617	.	1
4	AB	57	-962	959	959	.	3	995	.	187	958	-1	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	415	421	6	1	951	.	146	421	.	1
7	AB	4	-426	421	421		1	951	.	146	421	.	1
8	AB	5	-453	448	.	.	.	.	.	146	.	.	.
9	AB	6	-461	456	.	.	.	.	.	45	.	.	.
10	AB	7	-499	494	.	.	.	.	.	117	.	.	.
11	AB	8	-481	476	.	.	.	.	.	70	.	.	.
12	AB	9	-508	503	502	-1	1	952	.	77	502	.	1
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	608	-1	1	937	.	180	608	.	1
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	788	.	.	.	.	.	237	.	.	.
19	AB	40	-371	367	367	.	1	1000	.	94	367	.	1
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	712	711	-1	1	953	.	107	711	.	1
25	AB	51	-364	360	.	.	.	.	.	111	.	.	.
26	AB	52	-351	347	347	.	1	999	.	184	347	.	1
27	AB	53	-520	515	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1251	1250	-1	1	994	.	188	1250	.	1
30	AB	58	-1782	1775	.	.	.	.	999	240	.	.	.
31	AB	16	-842	837	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	919	.	.	.	.	.	152	.	.	.
34	AB	19	-918	912	.	.	.	.	.	165	.	.	.
35	AB	20	-961	955	.	.	.	.	.	154	.	.	.
36	AB	21	-994	988	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1054	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1038	1036	-2	1	970	.	149	1036	.	1
39	AB	24	-1058	1052	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1075	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1084	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1179	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1488	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1244	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1254	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1361	1359	-2	1	979	.	149	1359	.	1

48	AB	33	-1492	1484	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1530	.	.	.	.	999	202	.	.	.
50	AB	35	-1668	1660	.	.	.	.	999	149	.	.	.
51	AB	36	-1779	1770	.	.	.	.	999	228	.	.	.
52	AB	37	-1787	1778	.	.	.	.	999	228	.	.	.
53	AB	38	-1785	1776	.	.	.	.	999	149	.	.	.
54	AB	39	-1900	1891	.	.	.	.	999	149	.	.	.
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.
56	AB	47	-972	966	969	3	3	984	.	139	969	.	1
57	AB	48	-1075	1069	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1212	1213	1	1	974	.	266	1212	-1	1
59	AB	50	-964	958	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1989	.	.	.	.	999	252	.	.	.
61	AB	61	-2003	1994	.	.	.	.	999	252	.	.	.
62	AB	62	-2075	2065	.	.	.	.	999	252	.	.	.
63	AB	63	-2414	2403	.	.	.	.	999	278	.	.	.
64	AB	64	-2414	2403	.	.	.	.	999	276	.	.	.
65	AB	65	-2507	2496	.	.	.	.	999	276	.	.	.
66	AB	66	-1258	1251	1252	1	3	988	.	211	1252	.	1
67	AB	67	-1192	1185	1181	-4	5	998	.	200	1181	.	1

QUANTITATION REPORT FILE: 726128A

DATA: 726128A.TI
11/14/86 14:39:00
SAMPLE: BPC,VICKSBURG CHEMICAL, P, ACID FRACTION, 2.5G TO 0.05ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	378	6:18	3	0.613	A BB	37715.	15.421	NG	2.65
2	82	500	8:20	3	0.810	A BB	81036.	25.609	NG	4.40
3	136	617	10:17	3	1.000	A BB	204225.	25.000	NG	4.30
4	187	958	15:58	29	0.766	A BB	296958.	346.408	NG	59.53
5	NOT FOUND									
6	146	421	7:01	3	0.682	A BB	447.	0.160	NG/UL	0.03
7	146	421	7:01	3	0.682	A BB	447.	0.142	NG/UL	0.02
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	77	502	8:22	3	0.814	A BB	690.	0.220	NG/UL	0.04
13	NOT FOUND									
14	NOT FOUND									
15	180	608	10:08	3	0.985	A BB	356.	0.172	NG/UL	0.03
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	94	367	6:07	3	0.595	A BB	3515.	0.810	NG/UL	0.14
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	107	711	11:51	3	1.152	A BB	563.	0.264	NG/UL	0.05
25	NOT FOUND									
26	184	347	5:47	3	0.562	A BB	94625.	54.023	NG/UL	9.28
27	NOT FOUND									
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BB	126749.	25.000	NG/UL	4.30
30	NOT FOUND									
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	149	1036	17:16	29	0.829	A BV	100076.	23.933	NG/UL	4.11
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1359	22:39	29	1.087	A BB	6796.	0.940	NG/UL	0.16
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726128A

DATA: 726128A.TI
11/14/86 14:39:00
SAMPLE: BPC,VICKSBURG CHEMICAL, P, ACID FRACTION, 2.5G TO 0.05ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

MQL: 5 µg/ml x 0.05 ml ÷ 2.5 g = 0.1

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

NO	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	969	16:09	29	0.775	A VB	2275.	3.081 NG/UL	0.53
57	NOT FOUND								
58	266	1212	20:12	29	0.970	A BB	23600.	59.872 NG/UL	10.26
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1252	20:52	29	1.002	A BB	313317.	317.354 NG/UL	54.38
67	200	1181	19:41	29	0.945	A VV	40922.	48.824 NG/UL	8.37

60 x 0.05 ÷ 2.5 = 1.2 µg/g

1.2

317 µg/ml x 0.05 ml ÷ 2.5 = 6.3

RECEIVED
NOV 19 1986
DEPT OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,219 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample Q

ACID COMPOUNDS

MQL 1,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		92,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 1,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		300,000
Bladex		20,000

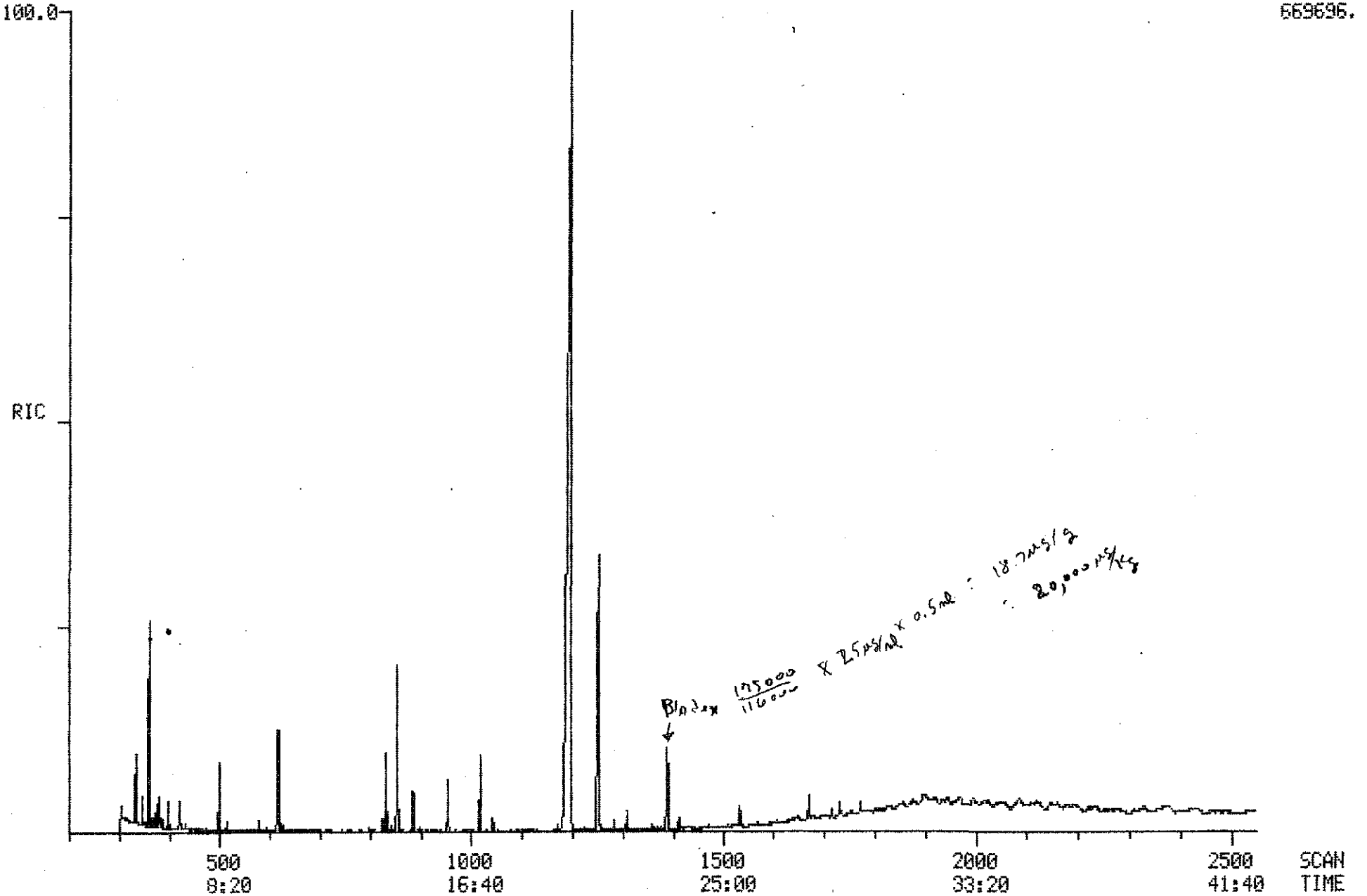
ND* = None Detected

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

State Chemist

RIC DATA: 726129ABN #1 SCANS 200 TO 2550
11/08/86 16:55:00 CALI: 726128ABN #2
SAMPLE: BPC, VICKSBURG CHEMICAL, Q, 2.5G TO 0.5 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/08/86 17:41:42
DATA FILE: 726129ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	86	28	7	1	66	RTABN1/ABN1
4	4	1	80	41	8	4	462	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 13 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	381	381	.	2	992	.	98	381	.	1
2	AB	55	-505	501	500	-1	1	985	.	82	500	.	1
3	AB	56	-622	617	618	1	1	993	.	136	618	.	1
4	AB	57	-962	955	955	.	1	966	.	187	955	.	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	367	.	.	.	.	.	94	.	.	.
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	360	360	.	1	993	.	111	360	.	1
26	AB	52	-351	347	348	1	1	996	.	184	348	.	1
27	AB	53	-520	515	515	.	1	996	.	334	515	.	1
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1250	1250	.	1	989	.	188	1250	.	1
30	AB	58	-1782	1772	1772	.	1	952	.	240	1772	.	1
31	AB	16	-842	839	.	.	.	.	.	162	.	.	.
32	AB	17	-905	902	.	.	.	.	.	163	.	.	.
33	AB	18	-925	922	.	.	.	.	.	152	.	.	.
34	AB	19	-918	915	.	.	.	.	.	165	.	.	.
35	AB	20	-961	957	.	.	.	.	.	154	.	.	.
36	AB	21	-994	990	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1056	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1040	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1054	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1077	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1086	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1150	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1181	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1490	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1246	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1256	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1362	1360	-2	1	964	.	149	1360	.	1

48	AB	33	-1492	1486	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1531	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1661	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1771	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1779	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1777	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1891	.	.	.	.	.	149	.	.	.
55	AB	46	-805	802	.	.	.	.	.	196	.	.	.
56	AB	47	-972	968	970	2	2	616	.	139	.	.	.
57	AB	48	-1075	1071	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1214	.	.	.	.	.	266	.	.	.
59	AB	50	-964	960	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1989	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1994	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2065	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2403	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2403	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2495	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1253	1253	.	1	996	.	211	1253	.	1
67	AB	67	-1192	1187	1197	10	2	996	.	200	1197	.	1

QUANTITATION REPORT FILE: 726129ABN

DATA: 726129ABN.TI
11/08/86 16:55:00
SAMPLE: BPC, VICKSBURG CHEMICAL, Q, 2.5G TO 0.5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	381	6:21	3	0.617	A BB	44316.	36.461	NG	19.74
2	82	500	8:20	3	0.809	A BB	38405.	25.049	NG	13.56
3	136	618	10:18	3	1.000	A BV	101493.	25.000	NG	13.54
4	187	955	15:55	29	0.764	A BB	5079.	16.106	NG	8.72
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	360	6:00	3	0.583	A BB	22467.	11.043	NG/UL	5.98
26	184	348	5:48	3	0.563	A BB	10605.	12.183	NG/UL	6.60
27	334	515	8:35	3	0.833	A BB	6830.	6.863	NG/UL	3.72
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BB	46625.	25.000	NG/UL	13.54
30	240	1772	29:32	30	1.000	A BB	7040.	25.000	NG	13.54
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1360	22:40	29	1.088	A BB	5382.	2.024	NG/UL	1.10
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726129ABN

DATA: 726129ABN.TI
11/08/86 16:55:00
SAMPLE: BPC, VICKSBURG CHEMICAL, Q, 2.5G TO 0.5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT		%TOT	
51	NOT FOUND										
52	NOT FOUND										
53	NOT FOUND										
54	NOT FOUND										
55	NOT FOUND										
56	NOT FOUND										
57	NOT FOUND										
58	NOT FOUND										
59	NOT FOUND										
60	NOT FOUND										
61	NOT FOUND										
62	NOT FOUND										
63	NOT FOUND										
64	NOT FOUND										
65	NOT FOUND										
66	211	1253	20:53	29	1.002	A BB	167894.	462.298	NG/UL	22.00	92
67	200	1197	19:57	29	0.958	A BB	505415.	1639.260	NG/UL	78.00	330

MGL = 5 ng/ml x 0.5 ml ÷ 2.5 g = 1

TCA FINISHED, 13 FOUND
FINISHED AT: 11/08/86 17:46:48

RECEIVED

NOV 19 1986

DEPT OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,130 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample R

ACID COMPOUNDS

MQL 2,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		60,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 2,000

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		5,000

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

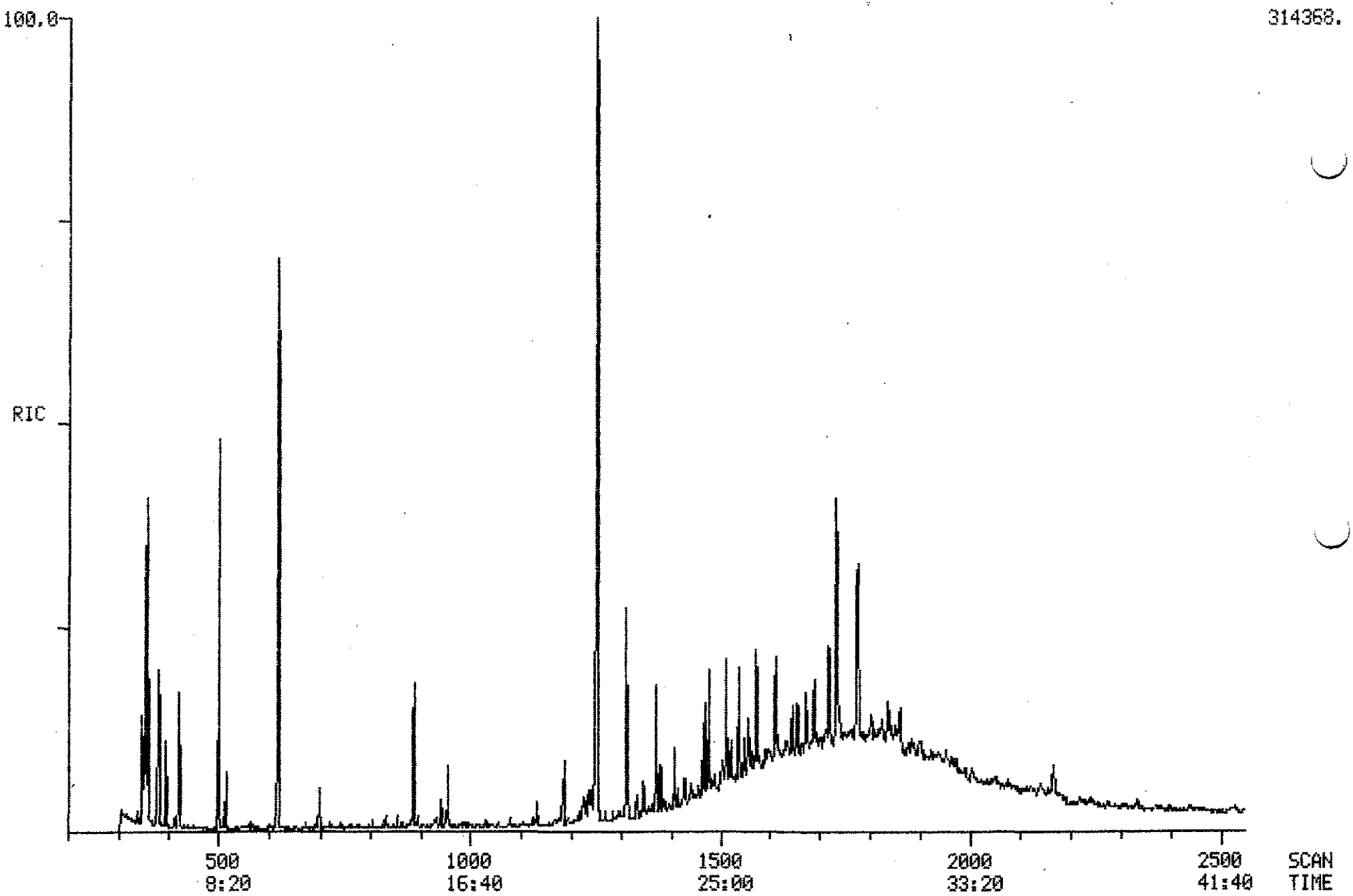
James P. Minyard, Jr.

State Chemist

RIC
11/08/86 12:51:00
SAMPLE: BPC, VICKSBURG CHEMICAL, R, 5G TO 1 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726130ABN #1
CALI: 726130ABN #2

SCANS 200 TO 2550



PROCEDURE: TCA DIAGNOSTIC REPORT 11/08/86 13:37:00
DATA FILE: 726130ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	3	30	28	9	1	47	RTABN1/ABN1
4	4	12	85	41	12	24	72	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 19 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	381	381	.	3	997	.	98	381	.	1
2	AB	55	-505	500	500	.	1	982	.	82	500	.	1
3	AB	56	-622	617	617	.	1	995	.	136	617	.	1
4	AB	57	-962	955	955	.	1	979	.	187	955	.	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	449	.	1	985	.	146	449	.	1
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	368	.	1	1000	.	94	368	.	1
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	361	.	1	998	.	111	361	.	1
26	AB	52	-351	348	348	.	1	999	.	184	348	.	1
27	AB	53	-520	516	515	-1	1	997	.	334	515	.	1
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1251	1251	.	6	994	.	188	1251	.	1
30	AB	58	-1782	1775	1775	.	2	990	.	240	1774	-1	1
31	AB	16	-842	836	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	919	.	.	.	.	.	152	.	.	.
34	AB	19	-918	912	.	.	.	.	.	165	.	.	.
35	AB	20	-961	955	.	.	.	.	.	154	.	.	.
36	AB	21	-994	988	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1054	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1038	1037	-1	1	957	.	149	1037	.	1
39	AB	24	-1058	1052	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1075	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1084	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1179	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1489	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1244	1244	.	1	948	.	178	1244	.	1
46	AB	31	-1261	1254	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1361	1361	.	1	980	.	149	1361	.	1

48	AB	33	-1492	1485	1485	.	1	994	.	202	1485	.	1
49	AB	34	-1538	1531	1530	-1	1	988	.	202	1530	.	1
50	AB	35	-1668	1661	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1771	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1779	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1777	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1892	.	.	.	.	.	149	.	.	.
55	AB	46	-805	799	.	.	.	.	.	196	.	.	.
56	AB	47	-972	966	967	1	2	709	.	139	969	2	1
57	AB	48	-1075	1069	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1212	.	.	.	.	.	266	.	.	.
59	AB	50	-964	958	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1990	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1995	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2067	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2405	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2405	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2498	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1251	1252	1	2	997	.	211	1252	.	1
67	AB	67	-1192	1185	1185	.	6	993	.	200	1185	.	1

QUANTITATION REPORT FILE: 726130ABN

DATA: 726130ABN.TI
11/08/86 12:51:00
SAMPLE: BPC, VICKSBURG CHEMICAL, R, 5G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	381	6:21	3	0.618	A BV	112679.	34.359	NG	18.18
2	82	500	8:20	3	0.810	A BV	112865.	26.601	NG	14.07
3	136	617	10:17	3	1.000	A BV	273839.	25.000	NG	13.23
4	187	955	15:55	29	0.763	A BV	15807.	15.796	NG	8.36
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	146	449	7:29	3	0.728	A BB	355.	0.092	NG/UL	0.05
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	94	368	6:08	3	0.596	A BB	584.	0.100	NG/UL	0.05
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	361	6:01	3	0.585	A VB	49882.	9.087	NG/UL	4.81
26	184	348	5:48	3	0.564	A BB	44198.	18.819	NG/UL	9.96
27	334	515	8:35	3	0.835	A BB	21261.	7.918	NG/UL	4.19
28	NOT FOUND									
29	188	1251	20:51	29	1.000	A VB	147961.	25.000	NG/UL	13.23
30	240	1774	29:34	30	1.000	A VB	51871.	25.000	NG	13.23
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	149	1037	17:17	29	0.829	A BB	903.	0.185	NG/UL	0.10
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	178	1244	20:44	29	0.994	A BV	1324.	0.196	NG/UL	0.10
46	NOT FOUND									
47	149	1361	22:41	29	1.088	A VB	4094.	0.485	NG/UL	0.26
48	202	1485	24:45	30	0.837	A BB	1033.	0.197	NG/UL	0.10
49	202	1530	25:30	30	0.862	A BB	952.	0.180	NG/UL	0.10
50	NOT FOUND									

QUANTITATION REPORT FILE: 726130ABN

DATA: 726130ABN.TI
11/08/86 12:51:00
SAMPLE: BPC, VICKSBURG CHEMICAL, R, ~~5~~ 2.5G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	969	16:09	29	0.775	A BB	44.	0.051 NG/UL	0.03
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1252	20:52	29	1.001	A VB	167184.	145.061 NG/UL	92.25 58
67	200	1185	19:45	29	0.947	A VB	11877.	12.138 NG/UL	7.72 5

MQL: 5 ng/ml x 1 ml ÷ 2.5 g = 2

TCA FINISHED, 19 FOUND
FINISHED AT: 11/08/86 13:42:39

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,131 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample S

ACID COMPOUNDS

MQL 2,000	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		23,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 2,000		
acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		800,000

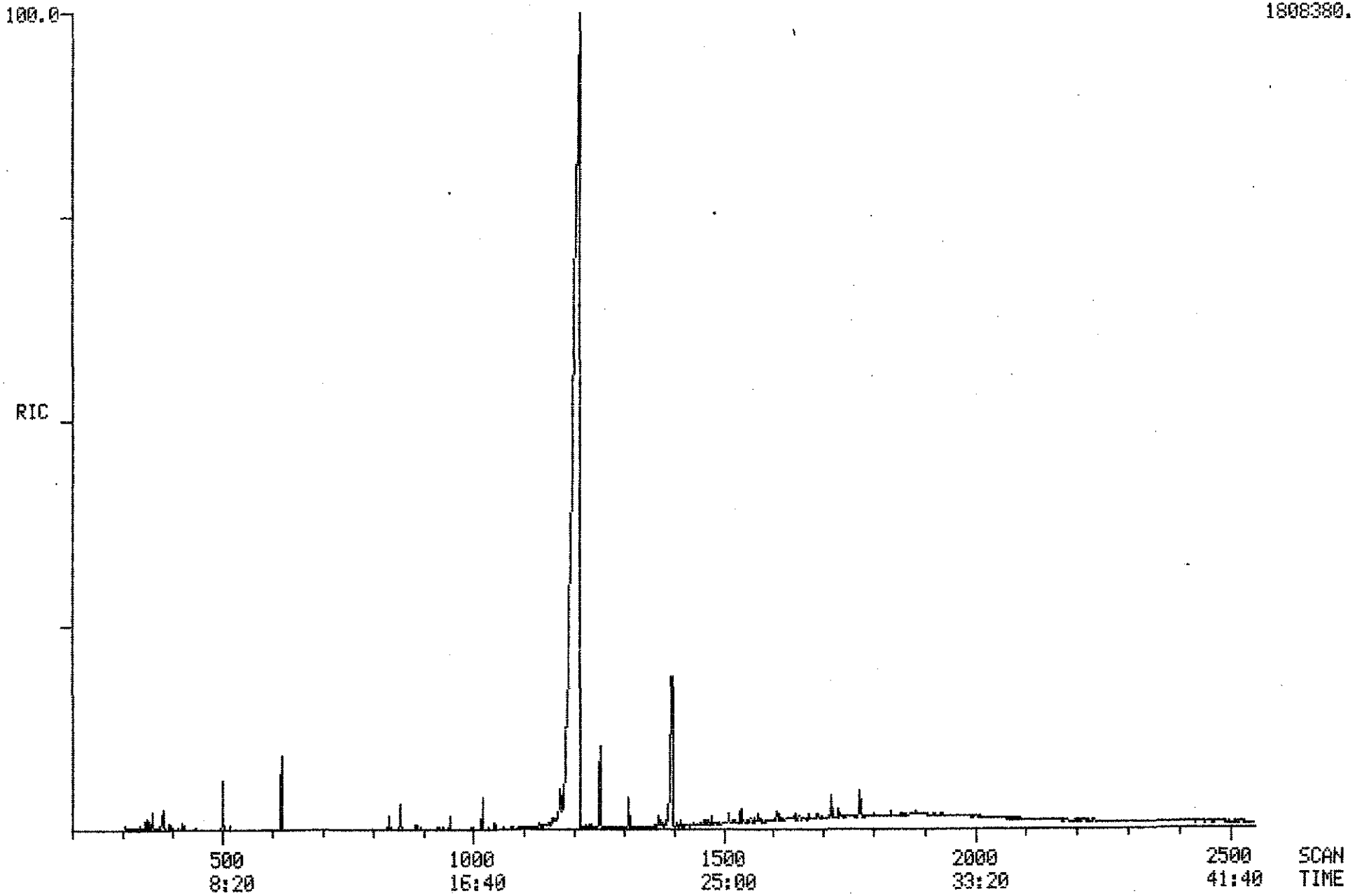
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James F. Minyard, Jr.
State Chemist

RIC DATA: 726131ABN #1 SCANS 200 TO 2550
11/08/86 17:55:00 CALI: 726131ABN #2
SAMPLE: BPC, VICKSBURG CHEMICL, S, 2.5G TO 1 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/08/86 18:43:15
DATA FILE: 726131ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	57	28	8	1	95	RTABN1/ABN1
4	4	2	147	41	10	6	103	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 16 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	383	383	.	1	995	.	98	383	.	1
2	AB	55	-505	502	501	-1	1	983	.	82	501	.	1
3	AB	56	-622	618	618	.	1	992	.	136	618	.	1
4	AB	57	-962	955	955	.	1	982	.	187	955	.	1
5	AB	2	-387	384	.	.	.	.	.	93	.	.	.
6	AB	3	-420	417	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	450	449	-1	1	999	.	146	449	.	1
9	AB	6	-461	458	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	478	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	540	.	.	.	.	.	82	.	.	.
14	AB	11	-576	572	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	.	.	.	.	.	94	.	.	.
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	592	.	.	.	.	.	162	.	.	.
24	AB	45	-717	712	.	.	.	.	.	107	.	.	.
25	AB	51	-364	362	361	-1	1	990	.	111	361	.	1
26	AB	52	-351	349	350	1	1	998	.	184	349	-1	1
27	AB	53	-520	516	515	-1	1	992	.	334	515	.	1
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1251	1252	1	2	993	.	188	1252	.	1
30	AB	58	-1782	1774	1774	.	1	990	.	240	1773	-1	1
31	AB	16	-842	837	.	.	.	.	.	162	.	.	.
32	AB	17	-905	900	.	.	.	.	.	163	.	.	.
33	AB	18	-925	920	.	.	.	.	.	152	.	.	.
34	AB	19	-918	913	.	.	.	.	.	165	.	.	.
35	AB	20	-961	956	.	.	.	.	.	154	.	.	.
36	AB	21	-994	989	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1055	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1039	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1053	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1075	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1084	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1180	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1489	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1245	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1255	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1361	1361	.	1	950	.	149	1361	.	1

48	AB	33	-1492	1485	1485	.	1	974	.	202	1485	.	1
49	AB	34	-1539	1531	1530	-1	1	976	.	202	1530	.	1
50	AB	35	-1668	1660	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1771	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1779	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1777	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1892	.	.	.	.	.	149	.	.	.
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.
56	AB	47	-972	967	968	1	3	745	.	139	968	.	1
57	AB	48	-1075	1069	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1213	.	.	.	.	.	266	.	.	.
59	AB	50	-964	959	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1989	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1994	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2066	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2404	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2404	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2496	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1252	1253	1	1	994	.	211	1253	.	1
67	AB	67	-1192	1186	1186	.	2	992	.	200	1184	-2	1

QUANTITATION REPORT FILE: 726131ABN

DATA: 726131ABN.TI
11/08/86 17:55:00
SAMPLE: BPC, VICKSBURG CHEMICL, S, 2.5G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	383	6:23	3	0.620	A BV	94352.	39.378	NG	23.36
2	82	501	8:21	3	0.811	A BB	78100.	25.193	NG	14.95
3	136	618	10:18	3	1.000	A BB	200076.	25.000	NG	14.83
4	187	955	15:55	29	0.763	A BB	8669.	10.056	NG	5.97
5	NOT	FOUND								
6	NOT	FOUND								
7	NOT	FOUND								
8	146	449	7:29	3	0.727	A BB	1185.	0.422	NG/UL	0.25
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	111	361	6:01	3	0.584	A BB	22477.	5.604	NG/UL	3.32
26	184	349	5:49	3	0.565	A BB	13351.	7.780	NG/UL	4.62
27	334	515	8:35	3	0.833	A BB	8596.	4.382	NG/UL	2.60
28	NOT	FOUND								
29	188	1252	20:52	29	1.000	A VB	127467.	25.000	NG/UL	14.83
30	240	1773	29:33	30	1.000	A BB	38519.	25.000	NG	14.83
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	149	1361	22:41	29	1.087	A BB	3470.	0.477	NG/UL	0.28
48	202	1485	24:45	30	0.838	A BB	604.	0.155	NG/UL	0.09
49	202	1530	25:30	30	0.863	A BB	532.	0.136	NG/UL	0.08
50	NOT	FOUND								

QUANTITATION REPORT FILE: 726131ABN

DATA: 726131ABN.TI
11/08/86 17:55:00
SAMPLE: BPC, VICKSBURG CHEMICL, S, 2.5G TO 1 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	968	16:08	29	0.773	A BB	668.	0.900 NG/UL	1.11
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1253	20:53	29	1.001	A VB	57332.	57.744 NG/UL	71.16 23
67	200	1184	19:44	29	0.946	A BB	18976.	22.513 NG/UL	27.74 810
		1212						2099 / 2021	

TCA FINISHED, 16 FOUND
FINISHED AT: 11/08/86 18:48:37

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,114

MARKED BPC, Vicksburg Chemical

ANALYSIS OF Sediment

Sample VC-B, EP EXT.

ACID COMPOUNDS

MQL 50

	ND*	µg/l
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		500
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		3,700

BASE/NEUTRAL COMPOUNDS

	ND	µg/l
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 100

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		37,000
Bladex		5,000

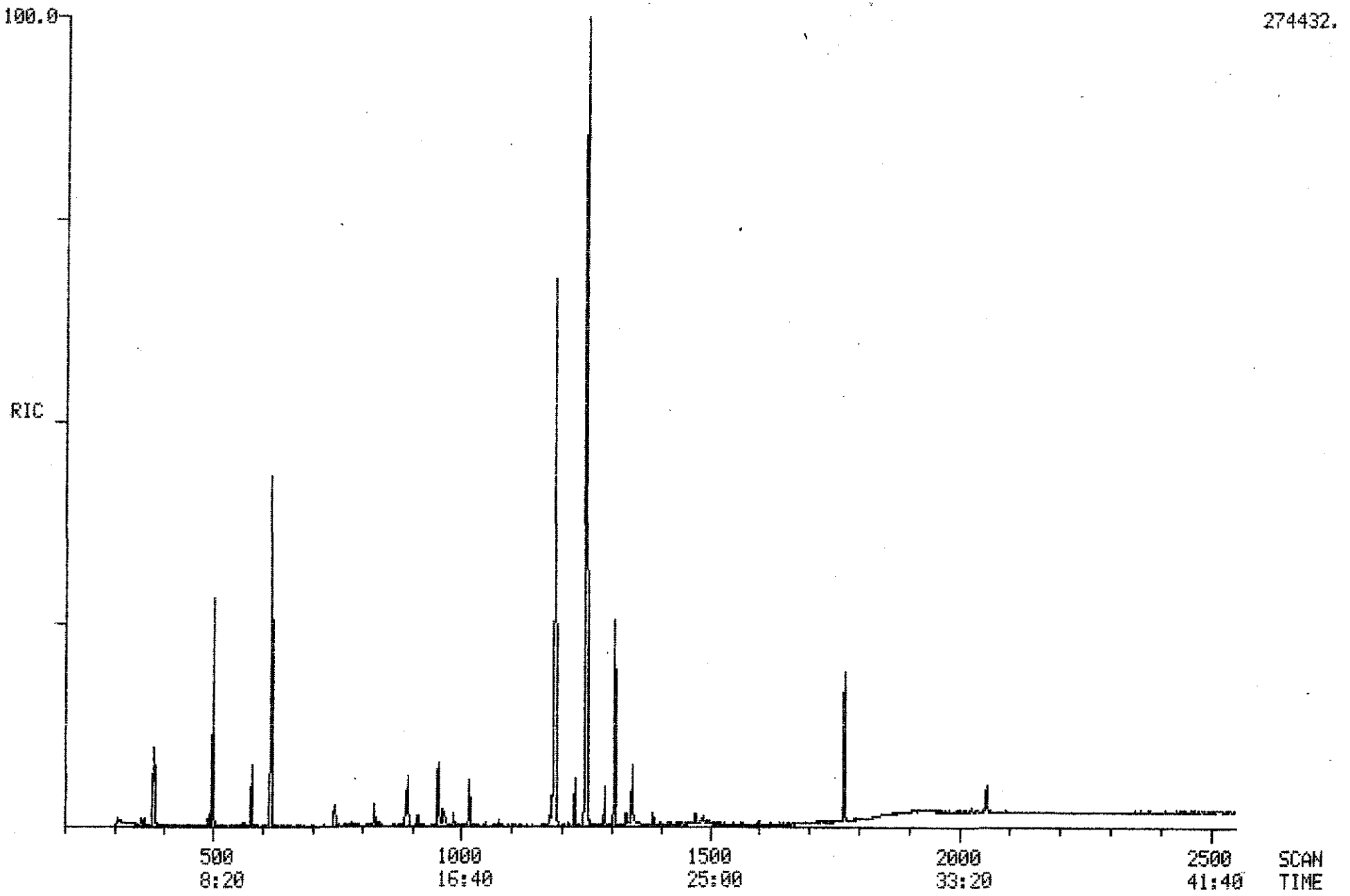
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 726114AEP #1 SCANS 200 TO 2550
11/12/86 20:01:00 CALI: 726114AEP #2
SAMPLE: BPC, VICKSBURG CHEMICAL, B, EP EXT. ACID, 500ML TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/12/86 20:45:14
DATA FILE: 726114AEP
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS -----				>< --- PLUS UNKNOWNS ---				>< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	57	28	4	1	57	RTABN1/ABN1
4	4	1	73	41	7	9	160	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 9 FOUND

< COMPOUND			>< ---------- SEARCH ----------					>< SAT		>< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	382	382	.	1	984	.	98	382	.	1
2	AB	55	-505	501	500	-1	1	981	.	82	500	.	1
3	AB	56	-622	617	617	.	1	994	.	136	617	.	1
4	AB	57	-962	954	954	.	1	991	.	187	953	-1	1
5	AB	2	-387	384	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	651	.	.	.	.	.	225	.	.	.
18	AB	15	-793	786	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	.	.	.	.	.	94	.	.	.
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	.	.	.	.	.	111	.	.	.
26	AB	52	-351	348	.	.	.	.	.	184	.	.	.
27	AB	53	-520	516	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1248	1248	.	1	984	.	188	1248	.	1
30	AB	58	-1782	1771	1771	.	1	978	.	240	1770	-1	1
31	AB	16	-842	836	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	919	.	.	.	.	.	152	.	.	.
34	AB	19	-918	912	.	.	.	.	.	165	.	.	.
35	AB	20	-961	955	.	.	.	.	.	154	.	.	.
36	AB	21	-994	988	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1037	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1074	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1083	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1148	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1179	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1487	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1243	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1253	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1360	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1483	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1529	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1658	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1768	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1776	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1774	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1889	.	.	.	.	.	149	.	.	.
55	AB	46	-805	799	.	.	.	.	.	196	.	.	.
56	AB	47	-972	966	967	1	3	981	.	139	967	.	1
57	AB	48	-1075	1068	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1211	.	.	.	.	.	266	.	.	.
59	AB	50	-964	958	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1986	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1991	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2063	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2400	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2400	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2493	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1250	1250	.	1	994	.	211	1250	.	1
67	AB	67	-1192	1184	1187	3	3	992	.	200	1187	.	1

QUANTITATION REPORT FILE: 726114AEP

DATA: 726114AEP.TI
11/12/86 20:01:00
SAMPLE: BPC, VICKSBURG CHEMICAL, B, EP EXT. ACID, 500ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	382	6:22	3	0.619	A BB	56415.	29.719	NG	21.23
2	82	500	8:20	3	0.810	A BV	61727.	25.133	NG	17.96
3	136	617	10:17	3	1.000	A BB	158513.	25.000	NG	17.86
4	187	953	15:53	29	0.764	A BB	7834.	10.145	NG	7.25
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1248	20:48	29	1.000	A BB	114179.	25.000	NG/UL	17.86
30	240	1770	29:30	30	1.000	A BB	41592.	25.000	NG	17.86
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726114AEP

DATA: 726114AEP.TI
11/12/86 20:01:00
SAMPLE: BPC, VICKSBURG CHEMICAL, B, EP EXT. ACID, 500ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

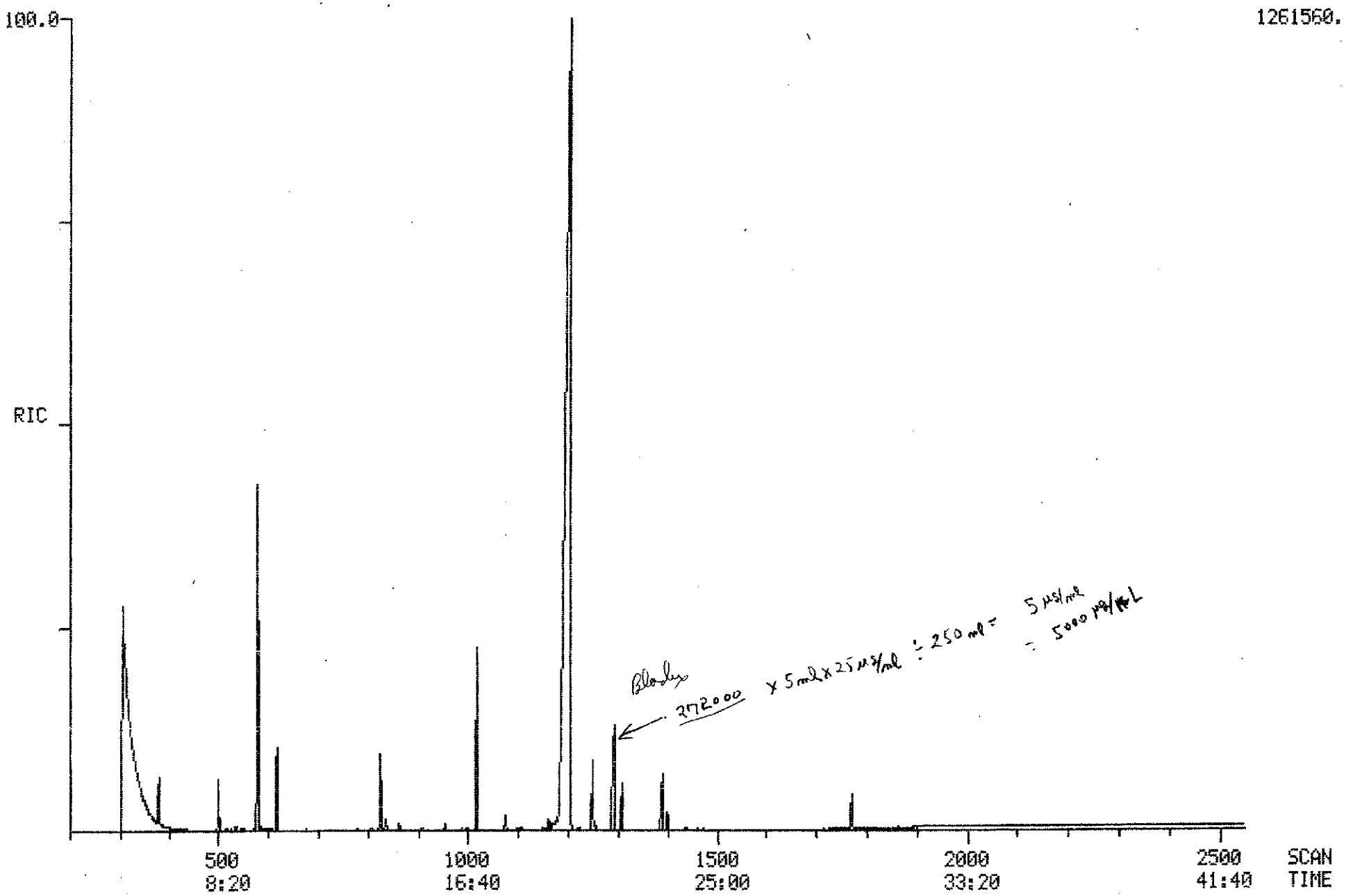
No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	967	16:07	29	0.775	A BV	3451.	5.189 NG/UL	1.71
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1250	20:50	29	1.002	A BB	166214.	186.890 NG/UL	61.71
67	200	1187	19:47	29	0.951	A BB	83646.	110.784 NG/UL	36.58

5 x 5 ml ÷ 500 = 0.05 mg/ml

186 x 5 ÷ 250 = 3.7

TCA FINISHED. 9 FOUND
FINISHED AT: 11/12/86 20:50:14

RIC DATA: 726114BNEP #1 SCANS 200 TO 2550
11/12/86 21:24:00 CALI: 31710ABN25 #2
SAMPLE: BPC, VICKSBURG CHEMICAL, B, EP EXT, BN FRACTION, 250ML TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/13/86 8:17:15
DATA FILE: 726114BNEP
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	3	137	28	5	1	114	RTABN1/ABN1
4	4	2	139	41	8	2	517	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------ >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	381	380	-1	3	994	.	98	380	.	1
2	AB	55	-505	500	501	1	1	973	.	82	501	.	1
3	AB	56	-622	617	618	1	1	991	.	136	618	.	1
4	AB	57	-962	955	954	-1	1	995	.	187	954	.	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	494	.	.	.	.	.	117	.	.	.
11	AB	8	-481	476	.	.	.	.	.	70	.	.	.
12	AB	9	-508	503	503	.	1	931	.	77	503	.	1
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	651	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	367	.	.	.	.	.	94	.	.	.
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	360	.	.	.	.	.	111	.	.	.
26	AB	52	-351	347	.	.	.	.	.	184	.	.	.
27	AB	53	-520	515	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1249	1250	1	2	986	.	188	1250	.	1
30	AB	58	-1782	1771	1771	.	1	955	.	240	1771	.	1
31	AB	16	-842	833	.	.	.	.	.	162	.	.	.
32	AB	17	-905	896	.	.	.	.	.	163	.	.	.
33	AB	18	-925	916	.	.	.	.	.	152	.	.	.
34	AB	19	-918	909	.	.	.	.	.	165	.	.	.
35	AB	20	-961	952	.	.	.	.	.	154	.	.	.
36	AB	21	-994	985	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1050	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1034	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1048	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1071	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1080	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1145	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1176	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1484	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1240	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1250	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1357	1357	.	1	972	.	149	1357	.	1

48	AB	33	-1492	1480	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1526	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1655	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1766	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1774	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1772	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1886	.	.	.	.	.	149	.	.	.
55	AB	46	-805	797	.	.	.	.	.	196	.	.	.
56	AB	47	-972	963	960	-3	2	656	.	139	.	.	.
57	AB	48	-1075	1065	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1209	.	.	.	.	.	266	.	.	.
59	AB	50	-964	955	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1984	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1989	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2060	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2398	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2398	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2490	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1247	1250	3	1	912	.	211	1249	-1	1
67	AB	67	-1192	1182	1171	-11	1	985	.	200	.	.	.

QUANTITATION REPORT FILE: 726114BNEP

DATA: 726114BNEP.TI
11/12/86 21:24:00
SAMPLE: BPC, VICKSBURG CHEMICAL, B, EP EXT, BN FRACTION, 250ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	380	6:20	3	0.615	A BB	76460.	37.476	NG	26.22
2	82	501	8:21	3	0.811	A BV	64070.	24.272	NG	16.98
3	136	618	10:18	3	1.000	A BB	170364.	25.000	NG	17.49
4	187	954	15:54	29	0.763	A BB	4563.	5.726	NG	4.01
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	77	503	8:23	3	0.814	A BB	681.	0.260	NG/UL	0.18
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BV	117816.	25.000	NG/UL	17.49
30	240	1771	29:31	30	1.000	A BB	50432.	25.000	NG	17.49
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1357	22:37	29	1.086	A BB	1410.	0.210	NG/UL	0.15
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726114BNEP

DATA: 726114BNEP.TI
11/12/86 21:24:00
SAMPLE: BPC, VICKSBURG CHEMICAL, B, EP EXT, BN FRACTION, 250ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1249	20:49	29	0.999	A BB	319.	0.348 NG/UL	*104.37
67	NOT FOUND	1204						1860	

MQL: 5mg/ml x 5 ml ÷ 250 = 0.1

TCA FINISHED, 11 FOUND
FINISHED AT: 11/13/86 8:23:21

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,118 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample VC-F, TCLP EXT

ACID COMPOUNDS

MQL 50

	ND*	µg/l
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		Trace
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		6,300

BASE/NEUTRAL COMPOUNDS

	ND	µg/l
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 100

acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		45,000
Bladex		900

ND* = None Detected

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

James P. Hogg

State Chemist

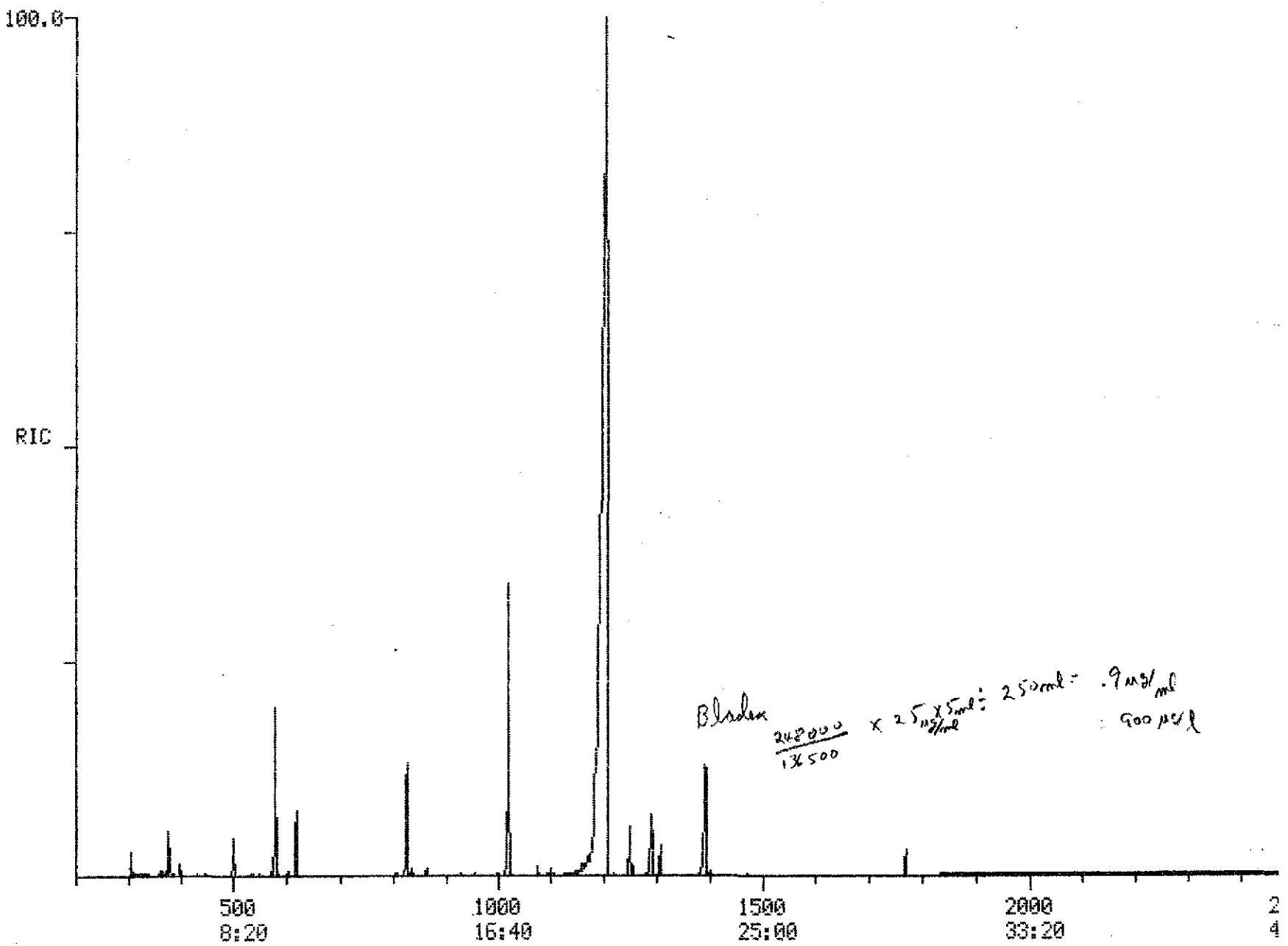
11/13/86 15:04:19

DIAGNOSTIC REPORT

PROCEDURE: TCA
DATA FILE: 726118BNTCL
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ------ > --- PLUS UNKNOWNS --- > - LIST NAMES - >
PROC USED POSS RMS PROC USED POSS RMS STANDARD/UNKNOWN

RIC DATA: 726118BNTCL #1 SCANS 200 TO 2550
11/13/86 11:20:00 CALI: 726128ABN #2
SAMPLE: BPC, VICKSBURG CHEMICAL,F,TCLP,250ML TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



1001470.

0 SCAN
40 TIME

PROCEDURE: TCA DIAGNOSTIC REPORT 11/13/86 15:31:27
DATA FILE: 726118BNTCL
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	159	28	5	1	130	RTABN1/ABN1
4	4	1	86	41	7	3	482	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 10 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	380	379	-1	1	993	.	98	379	.	1
2	AB	55	-505	500	501	1	1	973	.	82	501	.	1
3	AB	56	-622	617	618	1	1	984	.	136	618	.	1
4	AB	57	-962	956	955	-1	1	994	.	187	955	.	1
5	AB	2	-387	382	.	.	.	.	.	93	.	.	.
6	AB	3	-420	415	.	.	.	.	.	146	.	.	.
7	AB	4	-426	421	.	.	.	.	.	146	.	.	.
8	AB	5	-453	448	448	.	1	985	.	146	448	.	1
9	AB	6	-461	456	.	.	.	.	.	45	.	.	.
10	AB	7	-499	494	.	.	.	.	.	117	.	.	.
11	AB	8	-481	476	.	.	.	.	.	70	.	.	.
12	AB	9	-508	503	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	366	.	.	.	.	.	94	.	.	.
20	AB	41	-400	395	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	359	.	.	.	.	.	111	.	.	.
26	AB	52	-351	346	.	.	.	.	.	184	.	.	.
27	AB	53	-520	515	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1249	1250	1	1	959	.	188	1250	.	1
30	AB	58	-1782	1771	1771	.	1	943	.	240	1771	.	1
31	AB	16	-842	834	.	.	.	.	.	162	.	.	.
32	AB	17	-905	897	.	.	.	.	.	163	.	.	.
33	AB	18	-925	917	.	.	.	.	.	152	.	.	.
34	AB	19	-918	910	.	.	.	.	.	165	.	.	.
35	AB	20	-961	953	.	.	.	.	.	154	.	.	.
36	AB	21	-994	986	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1051	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1035	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1049	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1072	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1081	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1146	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1177	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1486	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1242	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1252	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1358	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1482	.	.	.	.	.	202	.	.	.	.
49	AB	34	-1538	1528	.	.	.	.	.	202	.	.	.	.
50	AB	35	-1668	1658	.	.	.	.	.	149	.	.	.	.
51	AB	36	-1779	1768	.	.	.	.	.	228	.	.	.	.
52	AB	37	-1787	1776	.	.	.	.	.	228	.	.	.	.
53	AB	38	-1785	1774	.	.	.	.	.	149	.	.	.	.
54	AB	39	-1900	1889	.	.	.	.	.	149	.	.	.	.
55	AB	46	-805	797	.	.	.	.	.	196	.	.	.	.
56	AB	47	-972	964	954	-10	1	528	.	139	.	.	.	.
57	AB	48	-1075	1066	.	.	.	.	.	198	.	.	.	.
58	AB	49	-1219	1210	.	.	.	.	.	266	.	.	.	.
59	AB	50	-964	956	.	.	.	.	.	184	.	.	.	.
60	AB	60	-1998	1987	.	.	.	.	.	252	.	.	.	.
61	AB	61	-2003	1992	.	.	.	.	.	252	.	.	.	.
62	AB	62	-2075	2063	.	.	.	.	.	252	.	.	.	.
63	AB	63	-2414	2401	.	.	.	.	.	278	.	.	.	.
64	AB	64	-2414	2401	.	.	.	.	.	276	.	.	.	.
65	AB	65	-2507	2494	.	.	.	.	.	276	.	.	.	.
66	AB	66	-1258	1249	1250	1	1	974	.	211	1250	.	.	1
67	AB	67	-1192	1183	1185	2	3	992	.	200	1185	.	.	1

QUANTITATION REPORT FILE: 726118BNTCL

DATA: 726118BNTCL.TI
11/13/86 11:20:00
SAMPLE: BPC, VICKSBURG CHEMICAL,F,TCLP,250ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	379	6:19	3	0.613	A BB	51114.	40.244	NG	27.85
2	82	501	8:21	3	0.811	A BB	41187.	25.707	NG	17.79
3	136	618	10:18	3	1.000	A BB	106058.	25.000	NG	17.30
4	187	955	15:55	29	0.764	A BB	1363.	3.175	NG	2.20
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	146	448	7:28	3	0.725	A BB	631.	0.424	NG/UL	0.29
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BV	63476.	25.000	NG/UL	17.30
30	240	1771	29:31	30	1.000	A BB	29512.	25.000	NG	17.30
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726118BNTCL

DATA: 726118BNTCL.TI
11/13/86 11:20:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, TCLP, 250ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

NO	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT		%TOT
51	NOT FOUND									
52	NOT FOUND									
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
56	NOT FOUND									
57	NOT FOUND									
58	NOT FOUND									
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND									
66	211	1250	20:50	29	1.000	A BB	738.	1.493	NG/UL	7.85
67	200	1185	19:45	29	0.948	A BB	7360.	17.534	NG/UL	92.26 45

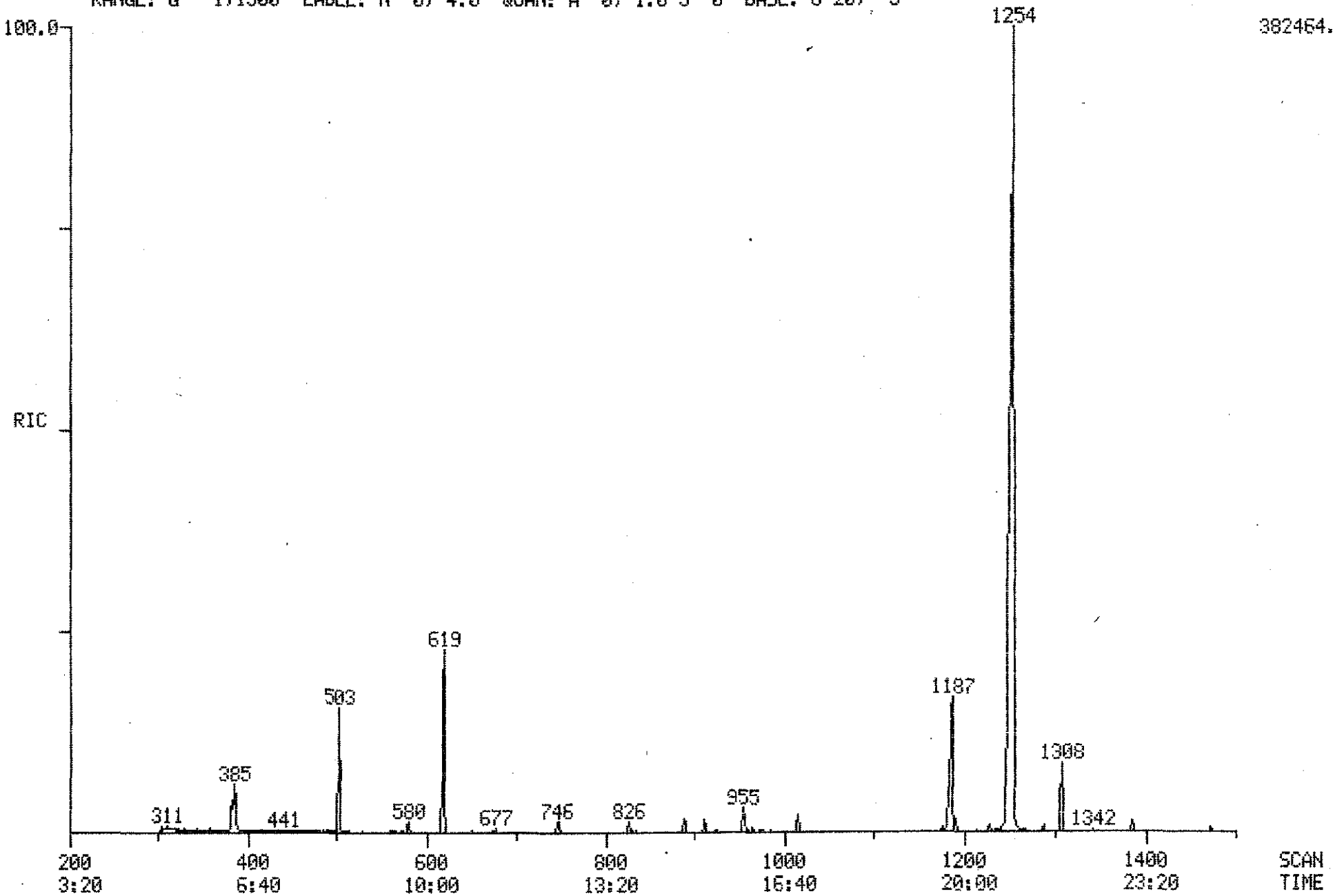
MQL = 5 µg/ml x 5 ml ÷ 250 ml = 0.1 µg/ml

2221
2231

TCA FINISHED, 10 FOUND
FINISHED AT: 11/13/86 15:37:17

RIC
11/13/86 16:26:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, ACID, TCLP EXT,500ML TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,1500 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726118ATCL #1 SCANS 200 TO 1500
CALI: 726118ATCL #2



PROCEDURE: TCA DIAGNOSTIC REPORT 11/13/86 16:52:15
DATA FILE: 726118ATCL
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	30	28	4	1	30	RTABN1/ABN1
4	3	1	64	41	7	3	343	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 8 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	385	385	.	2	988	.	98	385	.	1
2	AB	55	-505	503	503	.	1	973	.	82	503	.	1
3	AB	56	-622	619	619	.	1	987	.	136	619	.	1
4	AB	57	-962	955	955	.	1	997	.	187	954	-1	1
5	AB	2	-387	387	.	.	.	.	.	93	.	.	.
6	AB	3	-420	419	.	.	.	.	.	146	.	.	.
7	AB	4	-426	425	.	.	.	.	.	146	.	.	.
8	AB	5	-453	452	.	.	.	.	.	146	.	.	.
9	AB	6	-461	460	.	.	.	.	.	45	.	.	.
10	AB	7	-499	497	.	.	.	.	.	117	.	.	.
11	AB	8	-481	480	.	.	.	.	.	70	.	.	.
12	AB	9	-508	506	.	.	.	.	.	77	.	.	.
13	AB	10	-544	542	.	.	.	.	.	82	.	.	.
14	AB	11	-576	574	.	.	.	.	.	93	.	.	.
15	AB	12	-614	611	.	.	.	.	.	180	.	.	.
16	AB	13	-626	623	.	.	.	.	.	128	.	.	.
17	AB	14	-657	654	.	.	.	.	.	225	.	.	.
18	AB	15	-793	788	.	.	.	.	.	237	.	.	.
19	AB	40	-371	371	.	.	.	.	.	94	.	.	.
20	AB	41	-400	400	.	.	.	.	.	128	.	.	.
21	AB	42	-559	557	.	.	.	.	.	139	.	.	.
22	AB	43	-558	556	.	.	.	.	.	122	.	.	.
23	AB	44	-596	593	.	.	.	.	.	162	.	.	.
24	AB	45	-717	713	.	.	.	.	.	107	.	.	.
25	AB	51	-364	364	.	.	.	.	.	111	.	.	.
26	AB	52	-351	351	.	.	.	.	.	184	.	.	.
27	AB	53	-520	518	.	.	.	.	.	334	.	.	.
28	AB	59	-626	623	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1248	1248	.	1	942	.	188	1248	.	1
30	AB	58	-1782	1768	.	.	.	.	999	240	.	.	.
31	AB	16	-842	839	.	.	.	.	.	162	.	.	.
32	AB	17	-905	902	.	.	.	.	.	163	.	.	.
33	AB	18	-925	921	.	.	.	.	.	152	.	.	.
34	AB	19	-918	914	.	.	.	.	.	165	.	.	.
35	AB	20	-961	957	.	.	.	.	.	154	.	.	.
36	AB	21	-994	990	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1055	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1039	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1053	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1076	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1085	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1149	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1180	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1487	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1244	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1254	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1360	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1483	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1528	.	.	.	.	999	202	.	.	.
50	AB	35	-1668	1657	.	.	.	.	[illegible]	149	.	.	.
51	AB	36	-1779	1767	.	.	.	.	[illegible]	228	.	.	.
52	AB	37	-1787	1775	.	.	.	.	999	228	.	.	.
53	AB	38	-1785	1773	.	.	.	.	999	149	.	.	.
54	AB	39	-1900	1887	.	.	.	.	999	149	.	.	.
55	AB	46	-805	803	.	.	.	.	.	196	.	.	.
56	AB	47	-972	968	973	5	1	771	.	139	974	1	1
57	AB	48	-1075	1070	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1212	.	.	.	.	.	266	.	.	.
59	AB	50	-964	960	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1984	.	.	.	.	999	252	.	.	.
61	AB	61	-2003	1989	.	.	.	.	999	252	.	.	.
62	AB	62	-2075	2060	.	.	.	.	999	252	.	.	.
63	AB	63	-2414	2395	.	.	.	.	999	278	.	.	.
64	AB	64	-2414	2395	.	.	.	.	999	276	.	.	.
65	AB	65	-2507	2487	.	.	.	.	999	276	.	.	.
66	AB	66	-1258	1251	1254	3	1	985	.	211	1253	-1	1
67	AB	67	-1192	1186	1187	1	3	994	.	200	1186	-1	1

QUANTITATION REPORT FILE: 726118ATCL

DATA: 726118ATCL.TI
11/13/86 16:26:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, ACID, TCLP EXT,500ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	98	385	6:25	3	0.622	A BB	41248.	29.606 NG	16.65
2	82	503	8:23	3	0.813	A BB	41882.	23.831 NG	13.40
3	136	619	10:19	3	1.000	A BB	116337.	25.000 NG	14.06
4	187	954	15:54	29	0.764	A BB	5078.	10.608 NG	5.97
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	188	1248	20:48	29	1.000	A BV	70776.	25.000 NG/UL	14.06
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

QUANTITATION REPORT FILE: 726118ATCL

DATA: 726118ATCL.TI
11/13/86 16:26:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, ACID, TCLP EXT,500ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	139	974	16:14	29	0.780	A BB	535.	1.298 NG/UL	0.15
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1253	20:53	29	1.004	A BB	348618.	632.368 NG/UL	74.57
67	200	1186	19:46	29	0.950	A BB	28034.	59.899 NG/UL	7.06

6.3

TCA FINISHED, 8 FOUND
FINISHED AT: 11/13/86 16:56:56

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,118 **MARKED** BPC, Vicksburg Chemical

ANALYSIS OF Sediment Sample VC-F, EP EXT

ACID COMPOUNDS

MQL 50	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		Trace
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		3,800

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 100		
acenaphthene		
~~benzidine~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		51,000
Bladex		3,000

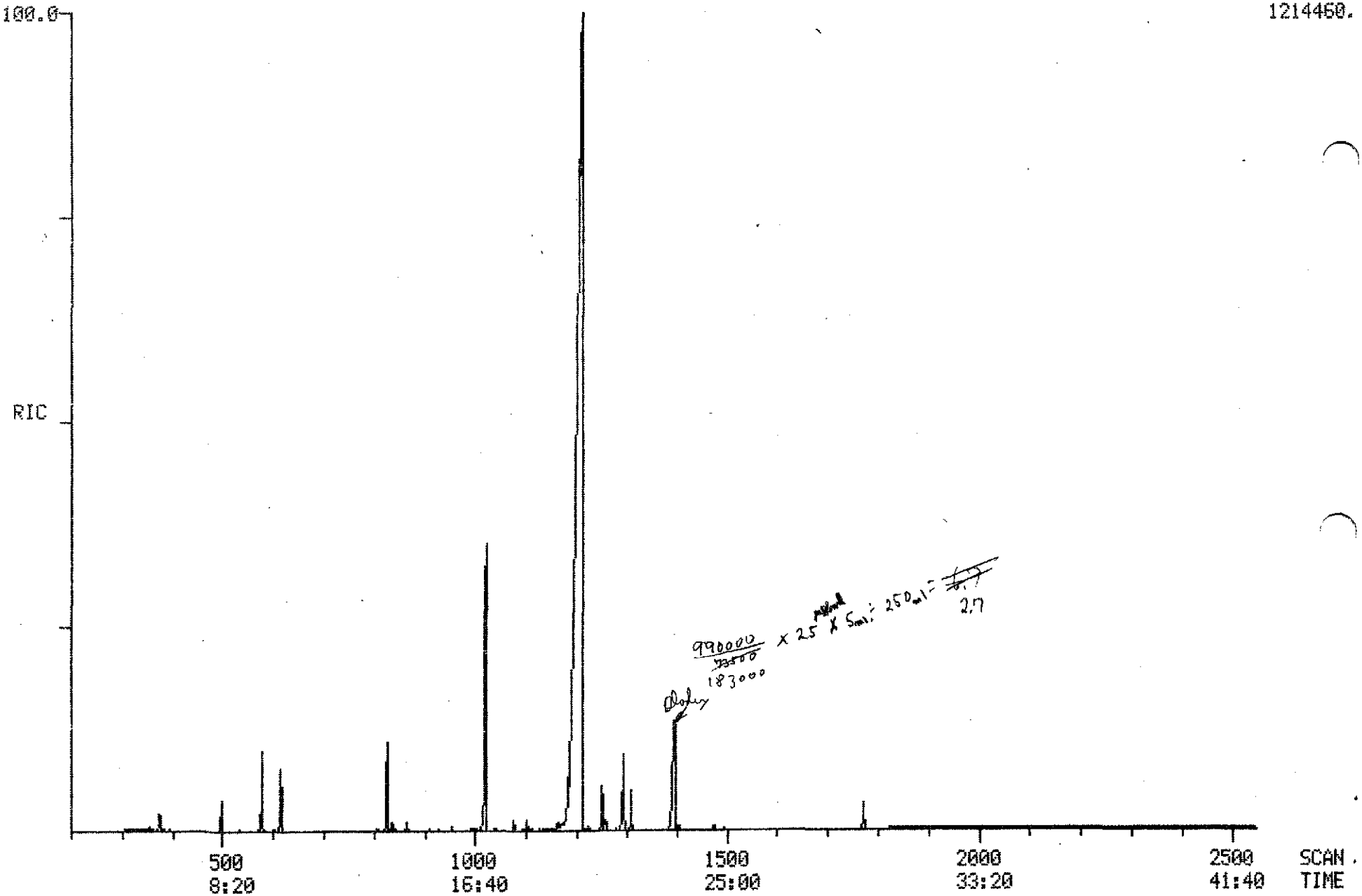
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 726118BNEP #1 SCANS 200 TO 2550
11/13/86 10:26:00 CALI: 726118BNEP #2
SAMPLE: BPC, VICKSBURG CHEMICAL, F, EP EXT, BN FRACTION,250ML TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/13/86 11:10:08
DATA FILE: 726118BNEP
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ------ ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	258	28	5	2	333	RTABN1/ABN1
4	4	1	70	41	7	2	453	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 10 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	377	375	-2	2	985	.	98	375	.	1
2	AB	55	-505	498	500	2	1	973	.	82	500	.	1
3	AB	56	-622	616	617	1	1	989	.	136	617	.	1
4	AB	57	-962	957	956	-1	1	991	.	187	955	-1	1
5	AB	2	-387	381	.	.	.	.	.	93	.	.	.
6	AB	3	-420	414	.	.	.	.	.	146	.	.	.
7	AB	4	-426	420	.	.	.	.	.	146	.	.	.
8	AB	5	-453	447	.	.	.	.	.	146	.	.	.
9	AB	6	-461	455	.	.	.	.	.	45	.	.	.
10	AB	7	-499	493	.	.	.	.	.	117	.	.	.
11	AB	8	-481	475	.	.	.	.	.	70	.	.	.
12	AB	9	-508	502	.	.	.	.	.	77	.	.	.
13	AB	10	-544	538	.	.	.	.	.	82	.	.	.
14	AB	11	-576	570	.	.	.	.	.	93	.	.	.
15	AB	12	-614	608	.	.	.	.	.	180	.	.	.
16	AB	13	-626	620	.	.	.	.	.	128	.	.	.
17	AB	14	-657	651	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	365	369	4	2	935.	.	94	.	.	.
20	AB	41	-400	394	.	.	.	.	.	128	.	.	.
21	AB	42	-559	553	.	.	.	.	.	139	.	.	.
22	AB	43	-558	552	.	.	.	.	.	122	.	.	.
23	AB	44	-596	590	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	358	.	.	.	.	.	111	.	.	.
26	AB	52	-351	345	.	.	.	.	.	184	.	.	.
27	AB	53	-520	514	.	.	.	.	.	334	.	.	.
28	AB	59	-626	620	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1250	1251	1	1	963	.	188	1251	.	1
30	AB	58	-1782	1773	1773	.	1	952	.	240	1773	.	1
31	AB	16	-842	834	.	.	.	.	.	162	.	.	.
32	AB	17	-905	897	.	.	.	.	.	163	.	.	.
33	AB	18	-925	917	.	.	.	.	.	152	.	.	.
34	AB	19	-918	910	.	.	.	.	.	165	.	.	.
35	AB	20	-961	953	.	.	.	.	.	154	.	.	.
36	AB	21	-994	986	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1052	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1036	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1050	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1073	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1082	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1147	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1178	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1488	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1243	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1253	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1360	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1484	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1530	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1659	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1770	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1778	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1776	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1891	.	.	.	.	.	149	.	.	.
55	AB	46	-805	797	.	.	.	.	.	196	.	.	.
56	AB	47	-972	964	955	-9	1	572	.	139	.	.	.
57	AB	48	-1075	1067	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1211	.	.	.	.	.	266	.	.	.
59	AB	50	-964	956	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1989	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1994	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2066	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2405	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2405	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2498	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1250	1252	2	1	959	.	211	1252	.	1
67	AB	67	-1192	1184	1184	.	2	990	.	200	1183	-1	1

QUANTITATION REPORT FILE: 726118BNEP

DATA: 726118BNEP.TI
11/13/86 10:26:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, EP EXT, BN FRACTION, 250ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	375	6:15	3	0.608	A BB	48576.	35.737	NG	25.72
2	82	500	8:20	3	0.810	A BV	42526.	24.803	NG	17.85
3	136	617	10:17	3	1.000	A BV	113500.	25.000	NG	17.99
4	187	955	15:55	29	0.763	A BB	1721.	3.459	NG	2.49
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1251	20:51	29	1.000	A BV	73564.	25.000	NG/UL	17.99
30	240	1773	29:33	30	1.000	A BB	34829.	25.000	NG	17.99
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726118BNEP

DATA: 726118BNEP.TI
11/13/86 10:26:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, EP EXT, BN FRACTION, 250ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

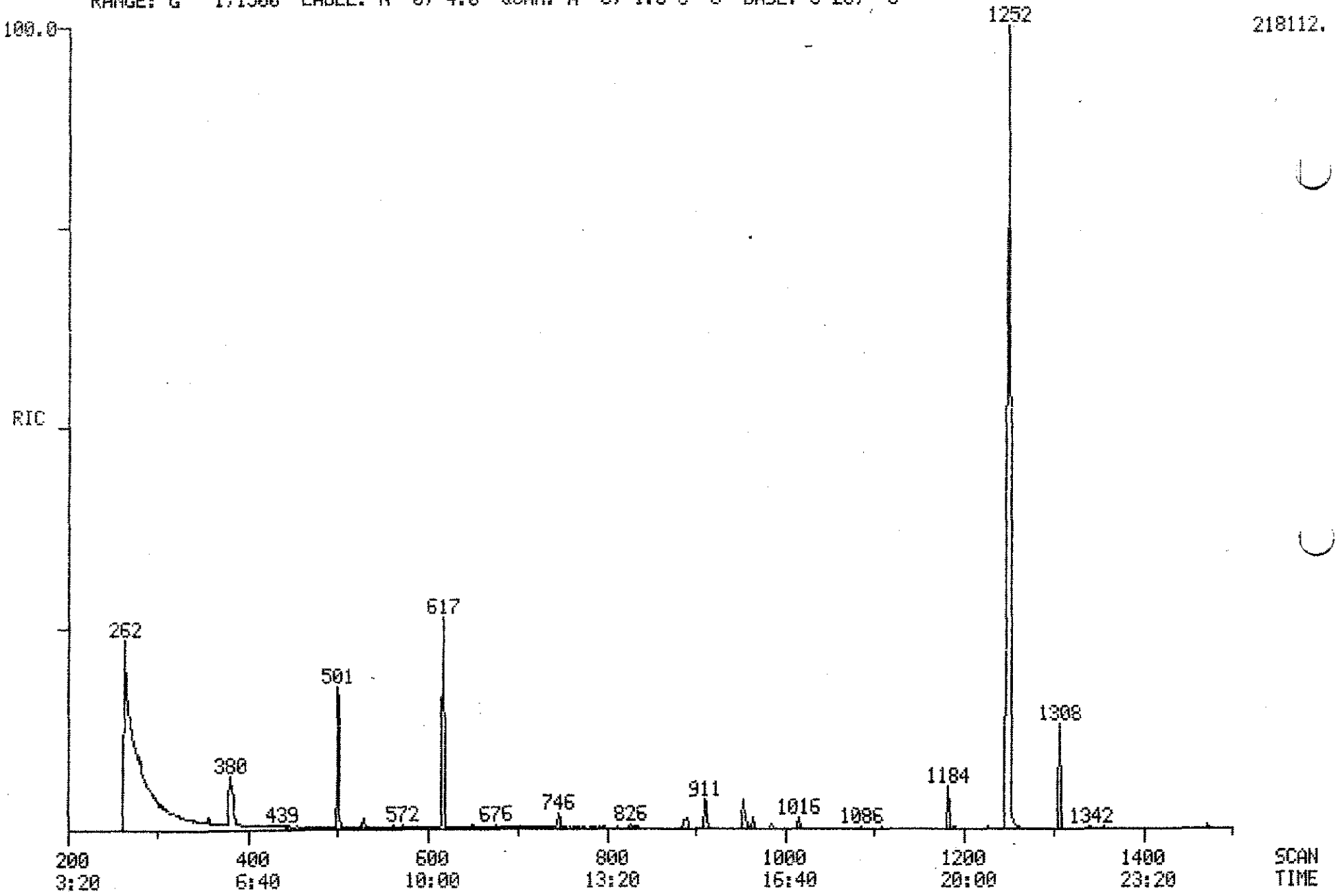
No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT		%TOT
51	NOT FOUND									
52	NOT FOUND									
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
56	NOT FOUND									
57	NOT FOUND									
58	NOT FOUND									
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND									
66	211	1252	20:52	29	1.001	A BB	394.	0.688	NG/UL	5.18
67	200	1183	19:43	29	0.946	A BB	6128.	12.597	NG/UL	94.96 51
		1208						2540		
								2552		

MQL = 5 ng/ml X 5 ml ÷ ~~250ml~~ 250ml = 0.1

TCA FINISHED, 10 FOUND
FINISHED AT: 11/13/86 11:15:15

RIC
11/13/86 14:26:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, EP EXT, ACID,500ML TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,1500 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726118AEP #1 SCANS 200 TO 1500
CALI: 726122BNEP #2



PROCEDURE: TCA DIAGNOSTIC REPORT 11/13/86 15:45:56
DATA FILE: 726118AEP
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	99	28	4	1	99	RTABN1/ABN1
4	3	1	70	41	7	2	141	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 8 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	381	380	-1	1	982	.	98	380	.	1
2	AB	55	-505	500	501	1	1	975	.	82	501	.	1
3	AB	56	-622	616	617	1	1	972	.	136	617	.	1
4	AB	57	-962	954	954	.	1	994	.	187	954	.	1
5	AB	2	-387	383	.	.	.	.	.	93	.	.	.
6	AB	3	-420	416	.	.	.	.	.	146	.	.	.
7	AB	4	-426	422	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	.	.	.	.	.	146	.	.	.
9	AB	6	-461	456	.	.	.	.	.	45	.	.	.
10	AB	7	-499	494	.	.	.	.	.	117	.	.	.
11	AB	8	-481	476	.	.	.	.	.	70	.	.	.
12	AB	9	-508	503	.	.	.	.	.	77	.	.	.
13	AB	10	-544	539	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	620	.	.	.	.	.	128	.	.	.
17	AB	14	-657	651	.	.	.	.	.	225	.	.	.
18	AB	15	-793	786	.	.	.	.	.	237	.	.	.
19	AB	40	-371	367	.	.	.	.	.	94	.	.	.
20	AB	41	-400	396	.	.	.	.	.	128	.	.	.
21	AB	42	-559	554	.	.	.	.	.	139	.	.	.
22	AB	43	-558	553	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	360	.	.	.	.	.	111	.	.	.
26	AB	52	-351	347	.	.	.	.	.	184	.	.	.
27	AB	53	-520	515	.	.	.	.	.	334	.	.	.
28	AB	59	-626	620	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1248	1248	.	1	953	.	188	1248	.	1
30	AB	58	-1782	1769	.	.	.	.	999	240	.	.	.
31	AB	16	-842	836	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	918	.	.	.	.	.	152	.	.	.
34	AB	19	-918	911	.	.	.	.	.	165	.	.	.
35	AB	20	-961	954	.	.	.	.	.	154	.	.	.
36	AB	21	-994	987	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1037	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1073	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1082	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1147	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1178	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1486	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1242	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1252	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1359	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1482	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1528	.	.	.	.	999	202	.	.	.
50	AB	35	-1668	1657	.	.	.	.	999	149	.	.	.
51	AB	36	-1779	1767	.	.	.	.	999	228	.	.	.
52	AB	37	-1787	1775	.	.	.	.	999	228	.	.	.
53	AB	38	-1785	1773	.	.	.	.	999	149	.	.	.
54	AB	39	-1900	1887	.	.	.	.	999	149	.	.	.
55	AB	46	-805	799	.	.	.	.	.	196	.	.	.
56	AB	47	-972	965	.	.	.	.	.	139	.	.	.
57	AB	48	-1075	1067	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1211	.	.	.	.	.	266	.	.	.
59	AB	50	-964	957	957	.	1	977	.	184	957	.	1
60	AB	60	-1998	1985	.	.	.	.	999	252	.	.	.
61	AB	61	-2003	1990	.	.	.	.	999	252	.	.	.
62	AB	62	-2075	2061	.	.	.	.	999	252	.	.	.
63	AB	63	-2414	2398	.	.	.	.	999	278	.	.	.
64	AB	64	-2414	2398	.	.	.	.	999	276	.	.	.
65	AB	65	-2507	2491	.	.	.	.	999	276	.	.	.
66	AB	66	-1258	1249	1252	3	1	990	.	211	1252	.	1
67	AB	67	-1192	1184	1184	.	2	996	.	200	1184	.	1

QUANTITATION REPORT FILE: 726118AEP

DATA: 726118AEP.TI
11/13/86 14:26:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, EP EXT, ACID,500ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	380	6:20	3	0.616	A BB	28658.	46.002	NG	23.50
2	82	501	8:21	3	0.812	A BB	32094.	26.582	NG	13.58
3	136	617	10:17	3	1.000	A BB	79925.	25.000	NG	12.77
4	187	954	15:54	29	0.764	A BB	3494.	9.434	NG	4.82
5	NOT	FOUND								
6	NOT	FOUND								
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	NOT	FOUND								
26	NOT	FOUND								
27	NOT	FOUND								
28	NOT	FOUND								
29	188	1248	20:48	29	1.000	A BV	54762.	25.000	NG/UL	12.77
30	NOT	FOUND								
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	NOT	FOUND								
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

QUANTITATION REPORT FILE: 726118AEP

DATA: 726118AEP.TI
11/13/86 14:26:00
SAMPLE: BPC, VICKSBURG CHEMICAL, F, EP EXT, ACID; 500ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	184	957	15:57	29	0.767	A BB	236.	1.834 NG/UL	0.34
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1252	20:52	29	1.003	A BB	161246.	378.020 NG/UL	69.72
67	200	1184	19:44	29	0.949	A BB	2848.	7.865 NG/UL	1.45

378 ng/ml X 5 ml ÷ 500 ml = ~~8~~
3.8

TCA FINISHED, 8 FOUND
FINISHED AT: 11/13/86 15:51:02

RECEIVED
NOV 19 1986
DEPT. OF NATURAL RESOURCE
BUREAU OF POLLUTION CONTROL

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 726,122 **MARKED** BPC Vicksburg Chemical

ANALYSIS OF Sediment Sample VC-J EP EXT

ACID COMPOUNDS

MQL 50	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		3,700

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		

BASE/NEUTRAL COMPOUNDS

MQL 100		
acenaphthene		
~~[illegible]~~		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		
Atrazine		49,000

VOLATILE COMPOUNDS

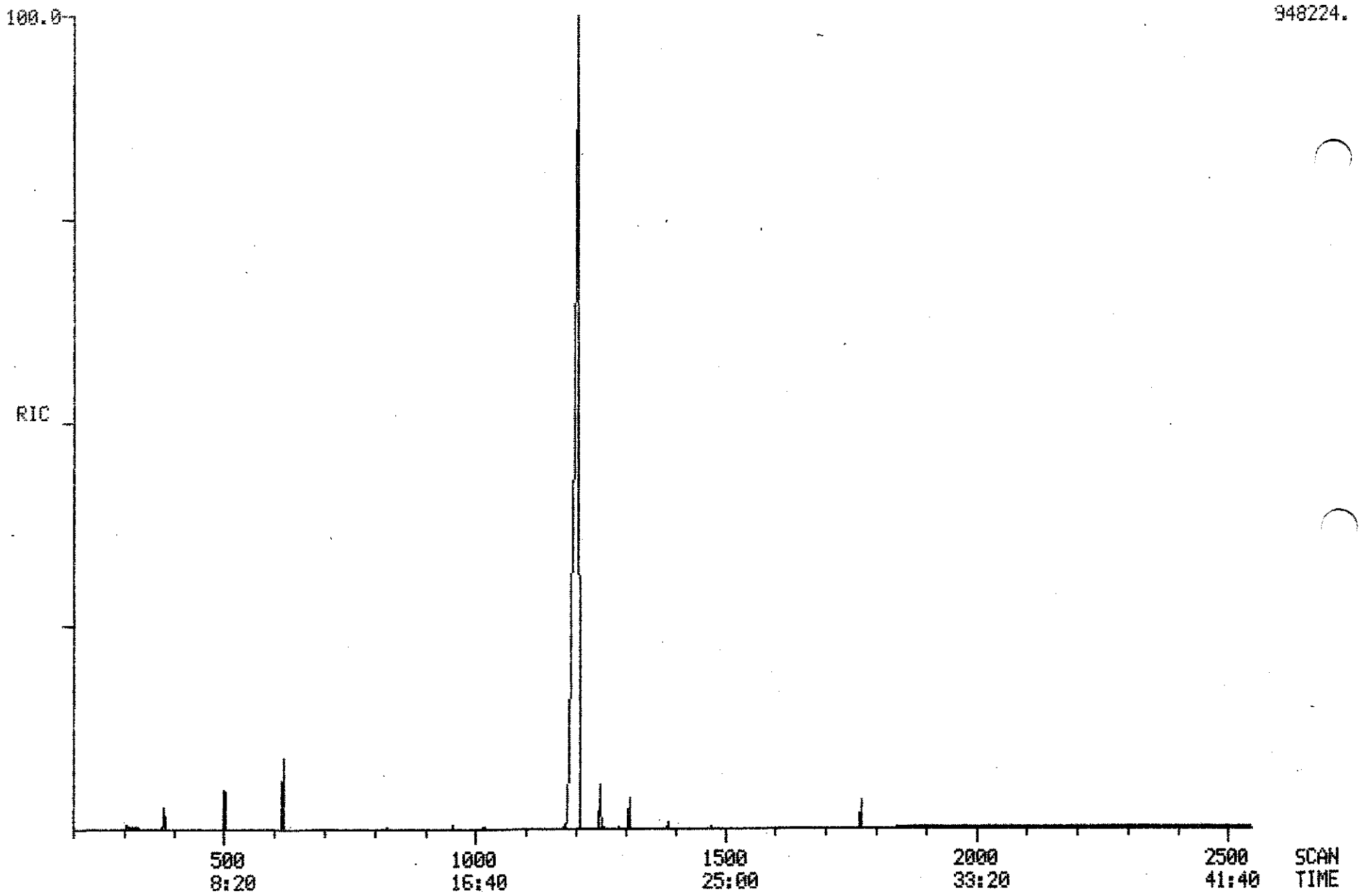
acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard

State Chemist

RIC DATA: 726122BNEP #1 SCANS 200 TO 2550
11/13/86 13:16:00 CALI: 726118BNTCL #2
SAMPLE: BPC,VICKSBURG CHEMICAL, J,EP EXT,250ML TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,2550 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 11/13/86 15:38:52
DATA FILE: 726122BNEP
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	99	28	4	1	99	RTABN1/ABN1
4	4	1	80	41	4	1	80	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 6 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	382	381	-1	1	981	.	98	381	.	1
2	AB	55	-505	501	502	1	1	981	.	82	502	.	1
3	AB	56	-622	617	618	1	1	985	.	136	618	.	1
4	AB	57	-962	955	955	.	1	991	.	187	955	.	1
5	AB	2	-387	384	.	.	.	.	.	93	.	.	.
6	AB	3	-420	417	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	450	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	540	.	.	.	.	.	82	.	.	.
14	AB	11	-576	572	.	.	.	.	.	93	.	.	.
15	AB	12	-614	610	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	787	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	.	.	.	.	.	94	.	.	.
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	592	.	.	.	.	.	162	.	.	.
24	AB	45	-717	712	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	.	.	.	.	.	111	.	.	.
26	AB	52	-351	348	.	.	.	.	.	184	.	.	.
27	AB	53	-520	516	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1250	1250	.	1	959	.	188	1250	.	1
30	AB	58	-1782	1772	1772	.	1	963	.	240	1771	-1	1
31	AB	16	-842	837	.	.	.	.	.	162	.	.	.
32	AB	17	-905	899	.	.	.	.	.	163	.	.	.
33	AB	18	-925	919	.	.	.	.	.	152	.	.	.
34	AB	19	-918	912	.	.	.	.	.	165	.	.	.
35	AB	20	-961	955	.	.	.	.	.	154	.	.	.
36	AB	21	-994	988	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1053	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1038	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1051	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1074	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1083	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1148	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1179	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1487	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1244	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1253	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1360	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1483	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1529	.	.	.	.	.	202	.	.	.
50	AB	35	-1668	1659	.	.	.	.	.	149	.	.	.
51	AB	36	-1779	1769	.	.	.	.	.	228	.	.	.
52	AB	37	-1787	1777	.	.	.	.	.	228	.	.	.
53	AB	38	-1785	1775	.	.	.	.	.	149	.	.	.
54	AB	39	-1900	1889	.	.	.	.	.	149	.	.	.
55	AB	46	-805	800	.	.	.	.	.	196	.	.	.
56	AB	47	-972	966	.	.	.	.	.	139	.	.	.
57	AB	48	-1075	1068	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1212	.	.	.	.	.	266	.	.	.
59	AB	50	-964	958	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1987	.	.	.	.	.	252	.	.	.
61	AB	61	-2003	1992	.	.	.	.	.	252	.	.	.
62	AB	62	-2075	2064	.	.	.	.	.	252	.	.	.
63	AB	63	-2414	2401	.	.	.	.	.	278	.	.	.
64	AB	64	-2414	2401	.	.	.	.	.	276	.	.	.
65	AB	65	-2507	2494	.	.	.	.	.	276	.	.	.
66	AB	66	-1258	1251	.	.	.	.	.	211	.	.	.
67	AB	67	-1192	1185	.	.	.	.	.	200	.	.	.

QUANTITATION REPORT FILE: 726122BNEP

DATA: 726122BNEP.TI
11/13/86 13:16:00
SAMPLE: BPC,VICKSBURG CHEMICAL, J,EP EXT,250ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	381	6:21	3	0.617	A BB	39849.	33.303	NG	24.04
2	82	502	8:22	3	0.812	A BB	39630.	26.256	NG	18.96
3	136	618	10:18	3	1.000	A BB	99917.	25.000	NG	18.05
4	187	955	15:55	29	0.764	A BB	1717.	3.997	NG	2.89
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	188	1250	20:50	29	1.000	A BB	63512.	25.000	NG/UL	18.05
30	240	1771	29:31	30	1.000	A BB	28540.	25.000	NG	18.05
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

QUANTITATION REPORT FILE: 726122BNEP

DATA: 726122BNEP.TI
11/13/86 13:16:00
SAMPLE: BPC, VICKSBURG CHEMICAL, J, EP EXT, 250ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4, 6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2, 4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A, H)ANTHRACENE
64	INDENO(1, 2, 3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4, 6-DINITRO-
67	ATRAZINE

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	NOT FOUND								
67	NOT FOUND								
	200 1206		20:06	29	0.965		1036880	2454 mg/ml	49.08 µg/ml

MQL = 5 µg/ml X 5 ml ÷ 250 ml = 0.1 µg/ml
= 100 µg/l

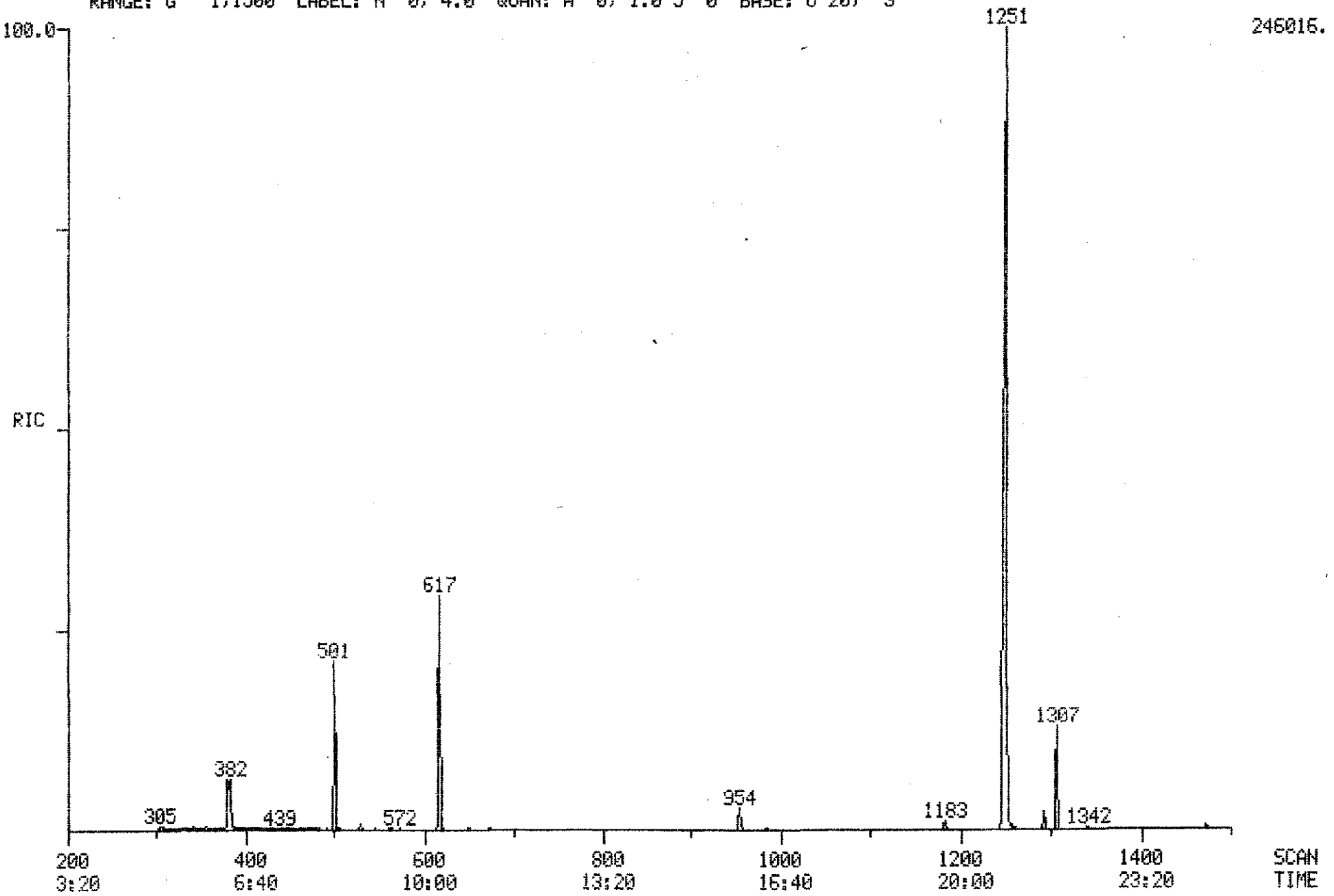
2454 mg/ml X 50 ml ÷ 250 ml

TCA FINISHED, 6 FOUND
FINISHED AT: 11/13/86 15:44:25

RIC
11/13/86 15:24:00
SAMPLE: BPC, VICKSBURG CHEMICAL, J, ACID, 500ML TO 5 ML
CONDS.: DESC 1M
RANGE: G 1,1500 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 726122AEP #1
CALI: 726118AEP #2

SCANS 200 TO 1500



PROCEDURE: TCA DIAGNOSTIC REPORT 11/13/86 15:52:38
DATA FILE: 726122AEP
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS -----				>< --- PLUS UNKNOWNS ---				>< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	3	28	4	1	3	RTABN1/ABN1
4	3	1	70	41	6	1	116	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 7 FOUND

< COMPOUND		>< ---------- SEARCH ----------						>< SAT	>< ------ CHRO ------ >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-385	382	382	.	2	981	.	98	.	.	.
2	AB	55	-505	501	501	.	1	979	.	82	501	.	1
3	AB	56	-622	617	617	.	1	980	.	136	617	.	1
4	AB	57	-962	954	954	.	1	998	.	187	954	.	1
5	AB	2	-387	384	.	.	.	.	.	93	.	.	.
6	AB	3	-420	417	.	.	.	.	.	146	.	.	.
7	AB	4	-426	423	.	.	.	.	.	146	.	.	.
8	AB	5	-453	449	.	.	.	.	.	146	.	.	.
9	AB	6	-461	457	.	.	.	.	.	45	.	.	.
10	AB	7	-499	495	.	.	.	.	.	117	.	.	.
11	AB	8	-481	477	.	.	.	.	.	70	.	.	.
12	AB	9	-508	504	.	.	.	.	.	77	.	.	.
13	AB	10	-544	540	.	.	.	.	.	82	.	.	.
14	AB	11	-576	571	.	.	.	.	.	93	.	.	.
15	AB	12	-614	609	.	.	.	.	.	180	.	.	.
16	AB	13	-626	621	.	.	.	.	.	128	.	.	.
17	AB	14	-657	652	.	.	.	.	.	225	.	.	.
18	AB	15	-793	786	.	.	.	.	.	237	.	.	.
19	AB	40	-371	368	.	.	.	.	.	94	.	.	.
20	AB	41	-400	397	.	.	.	.	.	128	.	.	.
21	AB	42	-559	555	.	.	.	.	.	139	.	.	.
22	AB	43	-558	554	.	.	.	.	.	122	.	.	.
23	AB	44	-596	591	.	.	.	.	.	162	.	.	.
24	AB	45	-717	711	.	.	.	.	.	107	.	.	.
25	AB	51	-364	361	.	.	.	.	.	111	.	.	.
26	AB	52	-351	348	.	.	.	.	.	184	.	.	.
27	AB	53	-520	516	.	.	.	.	.	334	.	.	.
28	AB	59	-626	621	.	.	.	.	.	127	.	.	.
29	AB	1	-1257	1248	1248	.	1	968	.	188	1248	.	1
30	AB	58	-1782	1769	.	.	.	.	999	240	.	.	.
31	AB	16	-842	836	.	.	.	.	.	162	.	.	.
32	AB	17	-905	898	.	.	.	.	.	163	.	.	.
33	AB	18	-925	918	.	.	.	.	.	152	.	.	.
34	AB	19	-918	911	.	.	.	.	.	165	.	.	.
35	AB	20	-961	954	.	.	.	.	.	154	.	.	.
36	AB	21	-994	987	.	.	.	.	.	165	.	.	.
37	AB	22	-1060	1052	.	.	.	.	.	166	.	.	.
38	AB	23	-1044	1036	.	.	.	.	.	149	.	.	.
39	AB	24	-1058	1050	.	.	.	.	.	204	.	.	.
40	AB	25	-1081	1073	.	.	.	.	.	169	.	.	.
41	AB	26	-1090	1082	.	.	.	.	.	77	.	.	.
42	AB	27	-1155	1147	.	.	.	.	.	248	.	.	.
43	AB	28	-1186	1177	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1485	.	.	.	.	.	184	.	.	.
45	AB	30	-1251	1242	.	.	.	.	.	178	.	.	.
46	AB	31	-1261	1252	.	.	.	.	.	178	.	.	.
47	AB	32	-1368	1358	.	.	.	.	.	149	.	.	.

48	AB	33	-1492	1481	.	.	.	.	.	202	.	.	.
49	AB	34	-1538	1527	.	.	.	.	999	202	.	.	.
50	AB	35	-1668	1656	.	.	.	.	[illegible]	149	.	.	.
51	AB	36	-1779	1767	.	.	.	.	999	228	.	.	.
52	AB	37	-1787	1775	.	.	.	.	999	228	.	.	.
53	AB	38	-1785	1773	.	.	.	.	999	149	.	.	.
54	AB	39	-1900	1887	.	.	.	.	999	149	.	.	.
55	AB	46	-805	799	.	.	.	.	.	196	.	.	.
56	AB	47	-972	965	.	.	.	.	.	139	.	.	.
57	AB	48	-1075	1067	.	.	.	.	.	198	.	.	.
58	AB	49	-1219	1210	.	.	.	.	.	266	.	.	.
59	AB	50	-964	957	.	.	.	.	.	184	.	.	.
60	AB	60	-1998	1984	.	.	.	.	999	252	.	.	.
61	AB	61	-2003	1989	.	.	.	.	999	252	.	.	.
62	AB	62	-2075	2061	.	.	.	.	999	252	.	.	.
63	AB	63	-2414	2398	.	.	.	.	999	278	.	.	.
64	AB	64	-2414	2398	.	.	.	.	999	276	.	.	.
65	AB	65	-2507	2490	.	.	.	.	999	276	.	.	.
66	AB	66	-1258	1249	1251	2	1	992	.	211	1251	.	1
67	AB	67	-1192	1183	1183	.	1	985	.	200	1183	.	1

QUANTITATION REPORT FILE: 726122AEP

DATA: 726122AEP.TI
11/13/86 15:24:00
SAMPLE: BPC, VICKSBURG CHEMICAL, J. ACID, 500ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	NOT FOUND								
2	82	501	8:21	3	0.812	A BB	33940.	25.407 NG	17.20
3	136	617	10:17	3	1.000	A BB	88428.	25.000 NG	16.93
4	187	954	15:54	29	0.764	A BB	3216.	8.539 NG	5.78
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	188	1248	20:48	29	1.000	A BB	55684.	25.000 NG/UL	16.93
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

QUANTITATION REPORT FILE: 726122AEP

DATA: 726122AEP.TI
11/13/86 15:24:00
SAMPLE: BPC, VICKSBURG CHEMICAL, J, ACID, 500ML TO 5 ML
SUBMITTED BY: BPC ANALYST: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
RESP. FAC. FROM AVERAGE OF THE 4 CLOSEST DATA POINTS IN . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

NO	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1251	20:51	29	1.002	A BB	160083.	369.079 NG/UL	70.16
67	200	1183	19:43	29	0.948	A BB	912.	2.477 NG/UL	0.47

369 µg/ml X 5ml ÷ 250ml = 3.7

TCA FINISHED, 7 FOUND
FINISHED AT: 11/13/86 15:57:09

Form 1027

MISSISSIPPI STATE UNIVERSITY

MISSISSIPPI
STATE CHEMICAL LABORATORY
BOX CR - MISSISSIPPI STATE, MISSISSIPPI 39762

MSCL

MSU

September 15, 1986

DR. JAMES P. MINYARD, JR.
State Chemist

Analysis No. 723,817 - 723,825

Analysis of WATER, SOILS & SEDIMENTS Marked: BPC (See Below)

Received on 9/4/86 from Bureau of Pollution Control

Address Box 10385, Jackson, MS 39209

RESULTS:

MSCL No.	Sample	Bureau of Pollution Control Identification
723,817	Water	Vicksburg Chemical, VC-1
723,818	Water	Vicksburg Chemical, VC-5
723,819	Water	Vicksburg Chemical, VC-9
723,820	Water	Vicksburg Chemical, VC-11
723,821	Water	Vicksburg Chemical, VC-17
723,822	Sediment	Vicksburg Chemical, VC-3
723,823	Sediment	Vicksburg Chemical, VC-7
723,824	Sediment	Vicksburg Chemical, VC-13
723,825	Soil	Vicksburg Chemical, VC-15

Attached sheets present the results from our analysis of the above water, sediment and soil samples for acid and base/neutral priority pollutants. The minimum quantifiable level (MQL) for water is normally 5 micrograms per liter, and for soil is normally 500 micrograms per kilogram. For samples such as these having high levels of organic matter, the extracts must be diluted, thereby increasing the MQL by the dilution factor. The applicable MQL for each sample is indicated on each Data Sheet for the specified priority pollutants, with the exception of Toxaphene. The MQL for Toxaphene is 10 times the stated MQL for each sample. Copies of computer generated GC/MS data are enclosed.

Also attached are results from analysis of the soil and sediment samples for arsenic and seven metals.

James P. Minyard, Jr.
State Chemist

PLEASE GIVE NUMBER WHEN REFERRING TO THIS ANALYSIS

Form 1027

MISSISSIPPI STATE UNIVERSITY

MISSISSIPPI STATE CHEMICAL LABORATORY

BOX CR - MISSISSIPPI STATE, MISSISSIPPI 39762

September 15, 1986

DR. JAMES P. MINYARD, JR.
State Chemist

Analysis No. 723,822 - 723,825

Analysis of SOILS & SEDIMENTS

Marked:

Received on 9/4/86

from Bureau of Pollution Control

Address Box 10385, Jackson, MS 39209

RESULTS:

PARTS PER MILLION

Lab. No.	Marked	Barium	Cadmium	Chromium	Lead	Silver	Mercury	Selenium	Arsenic
723,822	VC-3	0.20	0.002	ND*	ND	ND	0.001	0.03	ND
723,823	VC-7	0.15	ND	ND	ND	ND	ND	0.04	0.001
723,824	VC-13	0.13	0.08	0.12	1.0	ND	ND	0.04	0.01
723,825	VC-15	0.21	0.02	0.08	0.30	ND	0.001	0.03	ND

*ND = None Detected at the following Lower Levels of Detection:

Parts per Million (Milligrams per Kilogram)

Cadmium	0.001
Chromium	0.01
Lead	0.02
Silver	0.01
Mercury	0.0004
Arsenic	0.001

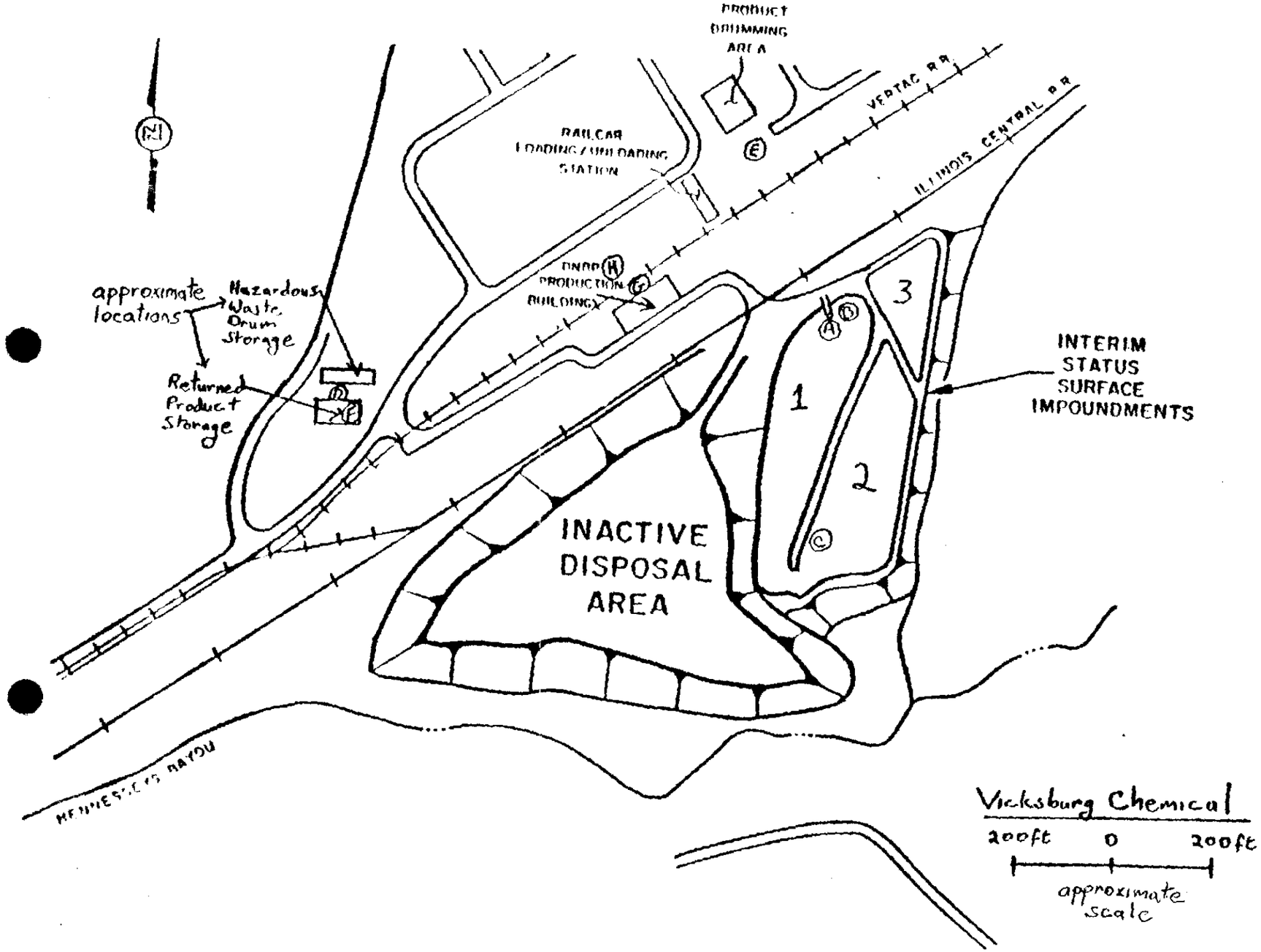
James P. Minyard, Jr.
State Chemist

PLEASE GIVE NUMBER WHEN REFERRING TO THIS ANALYSIS

Summary

SAMPLE RESULTS - VICKSBURG CHEMICAL

Sample #	Sample Type/Location	DNBP(ppm)	Atrazine(ppm)	Total chrome (ppm)	Total Arsenic (ppm)	Total Lead (ppm)
VC-1	Water; Influent pipe to lagoon	8	0.03			
VC-2	Water; Influent pipe to lagoon			0.03	.29	.00[illegible]
VC-3	Sludge; Pond No. 1	13,000	5			
VC-4	Sludge; Pond No. 1			123	362	142
VC-5	Water; Lagoon No. 2	6	0.03			
VC-6	Water; Lagoon No. 2			.05	.74	.01
VC-7	Sludge; Lagoon No. 2	5.8				
VC-8	Sludge; Lagoon No. 2			10.2	21	5.3
VC-9	Water; sump near returned product area	130	15			
VC-10	Water; sump near returned product area			.03	2.47	.05
VC-11	Water; sump below product drumming area	260	.2			
VC-12	Water; sump below product drumming area			108	.68	2.9
VC-13	Solids; returned product area	330,000				
VC-14	Solids; returned product area			47.1	44.3	16.7
VC-15	Soil; N.W. of NDBP plant	96				
VC-16	Soil; N.W. of DNBP plant			40.1	27.8	170
VC-17	Water; sump N.W. of DNBP plant	300	0.01			
VC-18	Water; sump N.W. of DNBP plant			<.03	.02	.02



sample location	sample number
A	VC-1, VC-2
B	VC-3, VC-4
C	VC-5, VC-6, VC-7, VC-
D	VC-9, VC-10
E	VC-11, VC-12
F	VC-13, VC-14
G	VC-15, VC-16
H	VC-17, VC-18

#	Parameter	Type	Location
VC 1	Organics (P)*	Water	Influent to Lagoon 1
VC 2	Metals	Water	Influent to Lagoon 1
VC 3	Organics (P)	Sediment	" " " "
VC 4	Metals	Sediment	" " " "
VC 5	Organics	Water	Lagoon # 2
VC 6	Metals	Water	Lagoon # 2
VC 7	Organics	Sludge	Lagoon # 2
VC 8	Metals (P)	Sludge	" "
VC 9	Organics (P)	Water	Sump Near atrazine Plant
VC 10	Metals	Water	" " " "
VC 11	Organics	Water	Sump Below Product drumming Area
VC 12	Metals (P)	Water	" " " " "
VC 13	Organics	Sediment	Returned Product Storage Area
VC 14	Metals	Sediment	" " " "
VC 15	Organics (P)	Soil	Northwest of DNBP Plant
VC 16	Metals	Soil	" " " "
VC 17	Organics	Water	Sump Northwest of DNBP Plan
VC 18	Metals (P)	Water	" " " " "

* (P) denotes picture taken

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical

BPC Contact _____ Seven-Day Turnaround (✓)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC 1
Requested By McCord Data To Jim Hardage
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Cloudy + Warm Collected by Rich / Bradshaw / McCord
Where Taken Lagoon Outfall Pipe

Type	Parameters	Preservative	Date	Time
1. Water	Acid + Base Neutrals *	Ice	9-3-86	11:46

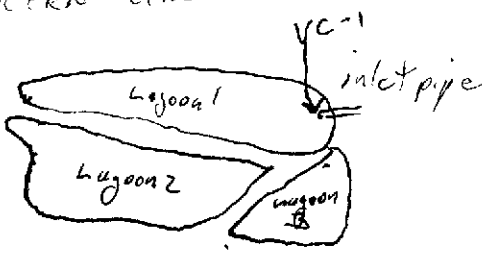
Transportation of Sample: Bus ( ) BPC Vehicle( ) Other ( )

Relinquished By	Received By	Date/Time
Zach McCord	Mike Bradshaw	9/4/86 10:15
Mike Bradshaw	Janis L. Smather	9/4/86 1:13PM

COMMENTS:

flow into Lagoon ~ 5.0 gpm
Color of flow into Lagoon was yellow

* Constituents of Primary Concern are Dinoseb (DNBP) and Toxaphene.



BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals

BPC Contact _____ Seven-Day Turnaround (X)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC3
Requested By McCord Data To Jim Hardage
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition _____ Collected by Rish/McCord/Bradshaw
Where Taken Sediment sample near lagoon inlet pipe

Type	Parameters	Preservative	Date	Time
1. Sediment	Acid Extractables Base Neutrals	Ice	9-3-86	12:05

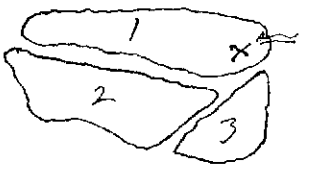
Transportation of Sample: Bus ( ) BPC Vehicle(✓) Other ( )

Relinquished By	Received By	Date/Time
Jack McCord	Mike Bradshaw	9/4/86 10:15
Mike Bradshaw	Janie L. Smather	9/4/86 1:13PM

COMMENTS:

Sample was black

* Constituents of primary concern are Dinoseb (DNBP) and Toxaphene



BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals

BPC Contact _____ Seven-Day Turnaround (X)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC5
Requested By McCord Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Cloudy & Warm Collected by MSR - JBM - MLB
Where Taken Lagoon #2

Type	Parameters	Preservative	Date	Time
1. Water	Acid Extractables Base Neutrals	Ice	9-3-86	12:15

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
Jim McCord	Mike Buckhaw	9/4/86 10:15
Mike Buckhaw	Jami L. Smather	9/4/86 1:13 PM

COMMENTS:

Color of sample was a light yellow tint.
Constituents of primary concern are Dinoseb (DNBP) and Toxaphene

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical

BPC Contact _____ Seven-Day Turnaround (X)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC7
Requested By _____ Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Warm and Cloudy Collected by MSR - JBM - MLB
Where Taken Sediments samples collected at the inlet point to Lagoon 2

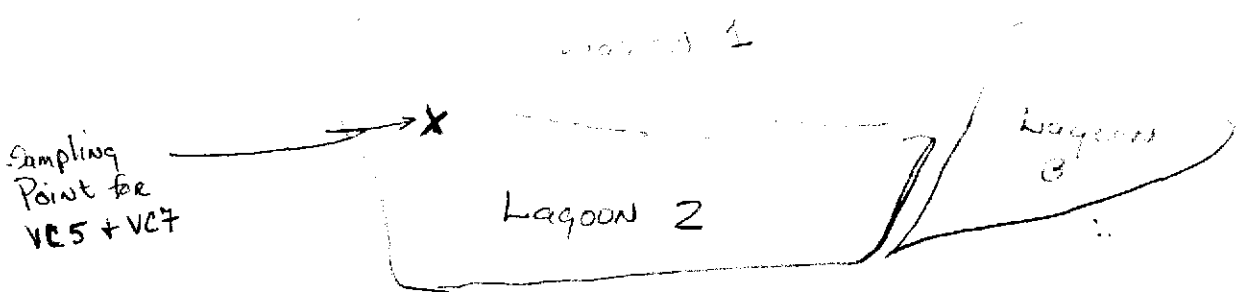
Type	Parameters	Preservative	Date	Time
1. Sediment	Acid Extractables Base Neutrals	Ice	9-3-86	12:20

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[illegible]	Mike Bradshaw	9/4/86 10:15
Mike Bradshaw	Janis L. Smather	9/4/86 1:11 PM

COMMENTS:

color - brown
very moist
Constituents of primary concern are Dinoseb (DNBP) and Toxaphene



BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical

BPC Contact _____ Seven-Day Turnaround (X)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC9
Requested By McCord Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Warm and Cloudy Collected by MSR - ~~MJ~~JBM - MLB
Where Taken Sump Near Atrazine Plant

Type	Parameters	Preservative	Date	Time
1. Water	Acid Extractables Base Neutrals *	Ice	9-3-86	1:20

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
Luke McCord	Mike Buckhaw	9/4/86 10:15
Mike Buckhaw	Janis L Smathers	9/4/86 1:13 PM

COMMENTS: - All rainwater run-off from the hazardous waste and returned product storage areas drain toward this sump
- sample was yellow

* Constituents of Primary Concern are Dinosab (DNBP) and Toxaphene

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical

BPC Contact _____ Seven-Day Turnaround (X)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC II
Requested By McCord Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Warm + Cloudy Collected by MSR-JBM - MLB
Where Taken Sump Below Product drumming Area

Type	Parameters	Preservative	Date	Time
1. Water	Acid Extractables Base Neutrals *	ICE	9-3-86	1:45

Transportation of Sample: Bus ( ) BPC Vehicle(X) Other ( )

Relinquished By	Received By	Date/Time
[illegible signature]	[illegible signature]	9/4/86 10:15
[illegible signature]	Janis L. Smather	9/4/86 1:10PM

COMMENTS: sump drains into the impoundment
color of sample is yellow

* Constituents of Primary Concern are Dinoseb (DNBP) and Toxaphene

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals

BPC Contact _____ Seven-Day Turnaround (X)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC13
Requested By _____ Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. Sample Identification:

Environment Condition Warm and Cloudy Collected by MSR - JBM - MLB
Where Taken Returned Product Storage Area

Type	Parameters	Preservative	Date	Time
1. Sediment	Acid Extractable Base Neutrals *	Ice	9-3-86	2:10 pm

Transportation of Sample: Bus ( ) BPC Vehicle(X) Other ( )

Relinquished By	Received By	Date/Time
Jack McCord	Mike Bradshaw	9/4/86 10:15
Mike Bradshaw	Janis L. Smathers	9/4/86 1:12 PM

COMMENTS: Absorbent and spilled product from the covered returned product area.
- Dry
- Dirty Yellow

* Constituents of Primary Concern are Dinosch (DNBP) + Toxaphene

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical

BPC Contact _____ Seven-Day Turnaround (X)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC15
Requested By McCord Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. Sample Identification:

Environment Condition _____ Collected by MSR - JBM -
Where Taken Northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Soil	Acid Extractables Base Neutrals *	ICE	9-3-86	2:20 pm

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
Jack McCord	Mike Bradshaw Jami L. Amathew	9/4/86 10:15
Mike Bradshaw	Jami L. Amathew	9/4/86 1:10 PM

COMMENTS:
Dry, yellow soil

* Constituents of Primary Concern are Dinosaur (DNBP) and Toxaphene

BUREAU OF POLLUTION CONTROL (BPC)
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals

BPC Contact _____ Seven-Day Turnaround (X)
Alternate Contact _____ Thirty-Day Turnaround ( )
Sample Point Identification VC17
Requested By McCord Data To Jim Hardage
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. Sample Identification:

Environment Condition Warm + Cloudy Collected by MSR - JBM - MLB
Where Taken Sump Northwest of DNBP Plant

Type	Parameters	Preservative	Date	Time
1. Water	Acid Extractables Base Neutrals	ICE	9-3-86	2:38

Transportation of Sample: Bus ( ) BPC Vehicle (X) Other ( )

Relinquished By	Received By	Date/Time
[signature] McCord	Mike Bradshaw	9/4/86 10:15
	Janis L. Smathers	9/4/86 1:05PM
	Janis L. Smathers	9/4/86 1:10PM

COMMENTS: Natural Drainage to sump which flows to impoundment
- Sample is bright yellow

* Constituents of Primary Concern are Dinoseb (DNBP) and Toxaphene

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,817 MARKED VC-1

ANALYSIS OF Water

ACID COMPOUNDS MQL = 10	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		8,000

BASE/NEUTRAL COMPOUNDS	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Atrazine		Trace

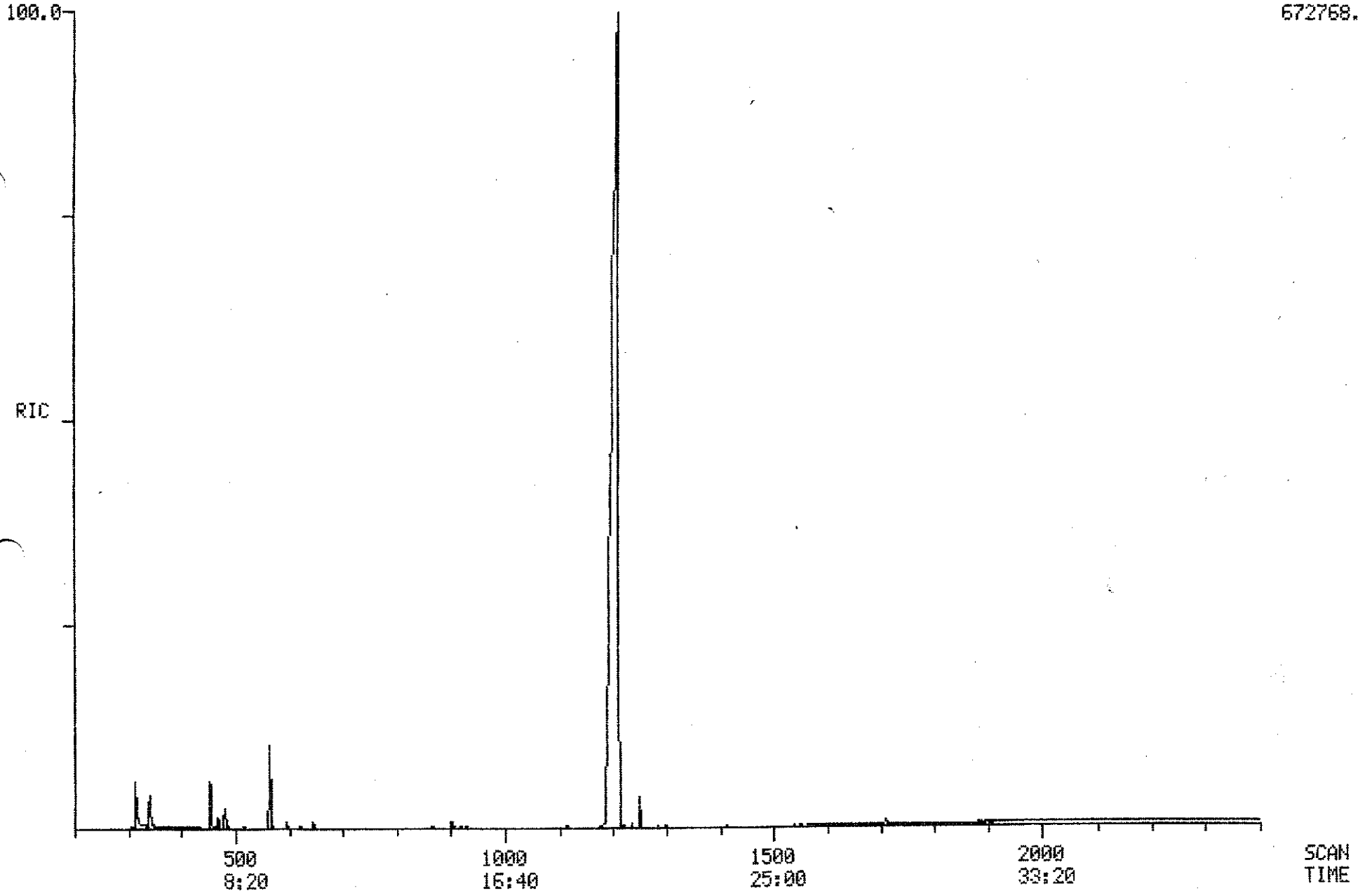
BASE/NEUTRAL COMPOUNDS MQL = 10		
acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

VOLATILE COMPOUNDS		
acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 723817A #1 SCANS 200 TO 2400
09/10/86 13:52:00 CALI: 723817A #2
SAMPLE: BPC, VICKSBURG CHEMICALS, VC-1,500ML TO 1 ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 11:30:12
DATA FILE: 723817A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	495	28	6	1	385	RTABN1/ABN1
4	4	2	343	41	7	1	374	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	337	340	3	1	996	.	98	340	.	1
2	AB	55	-459	453	454	1	1	988	.	82	454	.	1
3	AB	56	-577	571	565	-6	1	996	.	136	565	.	1
4	AB	57	-905	900	902	2	1	995	.	187	902	.	1
5	AB	2	-349	343	.	.	.	.	.	93	.	.	.
6	AB	3	-379	373	.	.	.	.	.	146	.	.	.
7	AB	4	-385	379	.	.	.	.	.	146	.	.	.
8	AB	5	-409	403	.	.	.	.	.	146	.	.	.
9	AB	6	-418	412	.	.	.	.	.	45	.	.	.
10	AB	7	-453	447	.	.	.	.	.	117	.	.	.
11	AB	8	-437	431	.	.	.	.	.	70	.	.	.
12	AB	9	-462	456	.	.	.	.	.	77	.	.	.
13	AB	10	-496	490	.	.	.	.	.	82	.	.	.
14	AB	11	-528	522	.	.	.	.	.	93	.	.	.
15	AB	12	-569	563	.	.	.	.	.	180	.	.	.
16	AB	13	-580	574	.	.	.	.	.	128	.	.	.
17	AB	14	-609	603	.	.	.	.	.	225	.	.	.
18	AB	15	-740	734	.	.	.	.	.	237	.	.	.
19	AB	40	-335	329	.	.	.	.	.	94	.	.	.
20	AB	41	-361	355	.	.	.	.	.	128	.	.	.
21	AB	42	-510	504	.	.	.	.	.	139	.	.	.
22	AB	43	-511	505	.	.	.	.	.	122	.	.	.
23	AB	44	-546	540	.	.	.	.	.	162	.	.	.
24	AB	45	-668	662	.	.	.	.	.	107	.	.	.
25	AB	51	-328	322	.	.	.	.	.	111	.	.	.
26	AB	52	-317	311	314	3	1	996	.	184	314	.	1
27	AB	53	-475	469	468	-1	1	998	.	334	468	.	1
28	AB	59	-580	574	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1189	1189	.	2	990	.	188	1188	-1	1
30	AB	58	-1712	1711	1710	-1	1	980	.	240	1710	.	1
31	AB	16	-787	780	.	.	.	.	.	162	.	.	.
32	AB	17	-850	843	.	.	.	.	.	163	.	.	.
33	AB	18	-867	860	.	.	.	.	.	152	.	.	.
34	AB	19	-862	855	.	.	.	.	.	165	.	.	.
35	AB	20	-903	897	.	.	.	.	.	154	.	.	.
36	AB	21	-937	931	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	994	.	.	.	.	.	166	.	.	.
38	AB	23	-987	981	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	994	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1017	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1025	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1089	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1119	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1493	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1183	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	119[illegible]	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1304	1299	-5	1	993	.	149	1299	.	1
48	AB	33	-1425	1422	.	.	.	.	.	202	.	.	.

49	AB	34	-1487	1488	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1601	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	170[illegible]	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	171[illegible]	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1719	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1833	.	.	.	.	.	149	.	.	.
55	AB	46	-750	743	.	.	.	.	.	196	.	.	.
56	AB	47	-917	911	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1009	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1151	.	.	.	.	.	266	.	.	.
59	AB	50	-905	899	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1912	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1917	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1978	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2263	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2262	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2341	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1175	1177	2	1	995	.	211	.	.	.
67	AB	67	-1122	1117	1121	4	1	273	.	200	1121	.	1

Quantitation Report File: 723817A

Data: 723817A.TI
09/10/86 13:52:00
Sample: BPC, VICKSBURG CHEMICALS, VC-1,500ML TO 1 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	340	5:40	3	0.602	A BB	31803.	32.277	NG	15.09
2	82	454	7:34	3	0.804	A BB	34891.	25.900	NG	12.11
3	136	565	9:25	3	1.000	A BB	90082.	25.000	NG	11.69
4	187	902	15:02	29	0.759	A BB	5709.	31.103	NG	14.54
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	184	314	5:14	3	0.556	A BB	27516.	40.610	NG/UL	18.98
27	334	468	7:48	3	0.828	A BB	6466.	7.543	NG/UL	3.53
28	NOT FOUND									
29	188	1188	19:48	29	1.000	A BB	36630.	25.000	NG/UL	11.69
30	240	1710	28:30	30	1.000	A BB	5385.	25.000	NG	11.69
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1299	21:39	29	1.093	A BB	3173.	1.554	NG/UL	0.73
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

Quantitation Report File: 723817A

Data: 723817A.TI
09/10/86 13:52:00
Sample: BPC, VICKSBURG CHEMICALS, VC-1,500ML TO 1 ML
Submitted by: BPC Analyst: DOLLAR

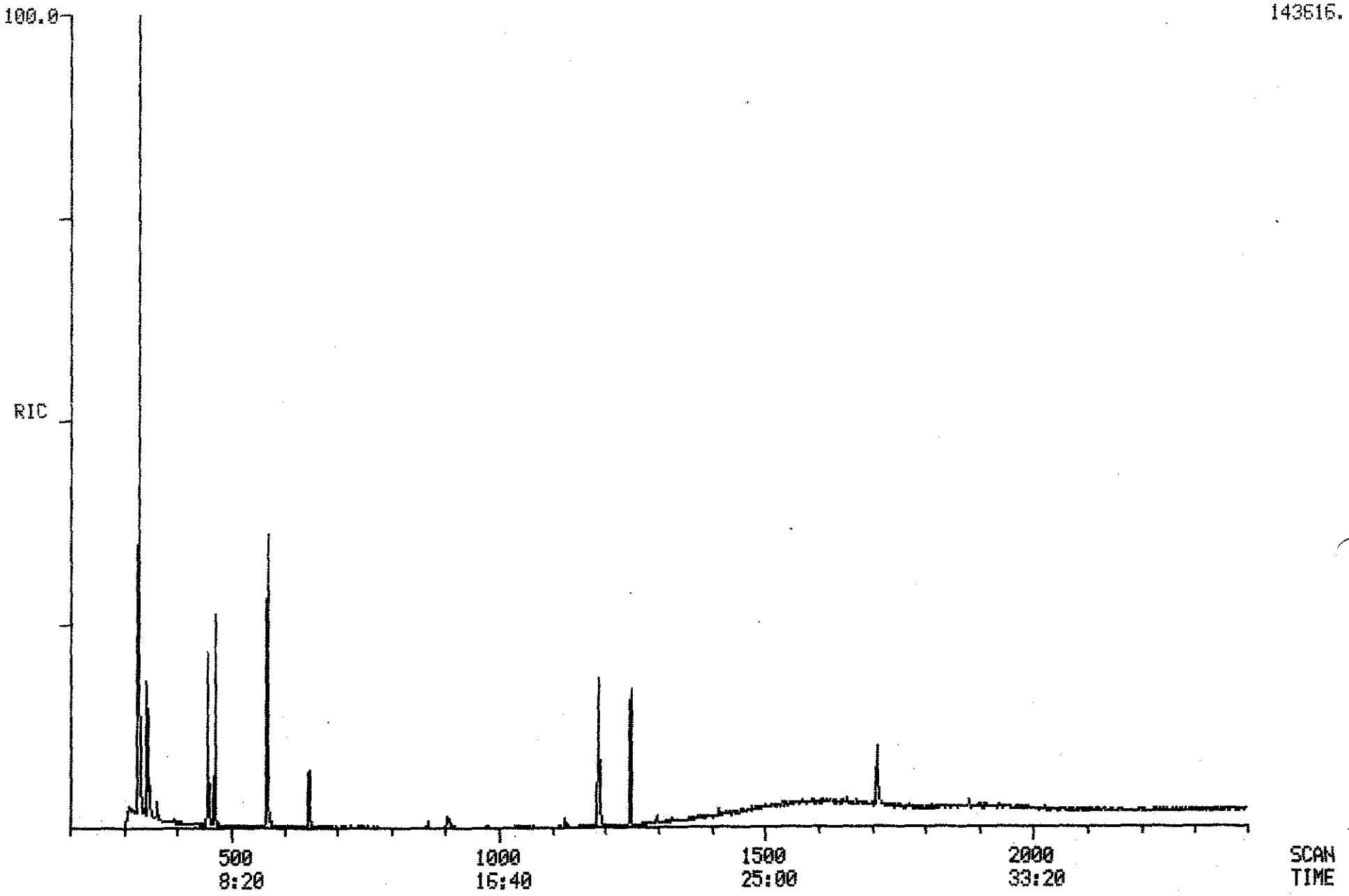
AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND							4000µg/500ml = 8µS/ml	
66	~~NOT FOUND~~		4000mg/µl						
67	200	1121	18:41	29	0.944	A BB	713.	2.620 NG/UL	*103.

TCA FINISHED, 11 FOUND
FINISHED AT: 9/12/86 11:35:21

RIC DATA: 723817BN #1 SCANS 200 TO 2400
09/10/86 14:48:00 CALI: 723817BN #2
SAMPLE: BPC, VICKSBURG CHEMICALS, VC-1, 500ML TO 1 ML, BN FRACTION
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 11:37:01
DATA FILE: 723817BN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	556	28	6	1	421	RTABN1/ABN1
4	4	1	516	41	7	1	733	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	340	343	3	2	999	.	98	343	.	1
2	AB	55	-459	455	457	2	1	989	.	82	457	.	1
3	AB	56	-577	574	567	-7	1	995	.	136	567	.	1
4	AB	57	-905	902	905	3	1	993	.	187	905	.	1
5	AB	2	-349	346	.	.	.	.	.	93	.	.	.
6	AB	3	-379	376	.	.	.	.	.	146	.	.	.
7	AB	4	-385	382	.	.	.	.	.	146	.	.	.
8	AB	5	-409	406	.	.	.	.	.	146	.	.	.
9	AB	6	-418	415	.	.	.	.	.	45	.	.	.
10	AB	7	-453	450	.	.	.	.	.	117	.	.	.
11	AB	8	-437	434	.	.	.	.	.	70	.	.	.
12	AB	9	-462	459	.	.	.	.	.	77	.	.	.
13	AB	10	-496	493	.	.	.	.	.	82	.	.	.
14	AB	11	-528	525	.	.	.	.	.	93	.	.	.
15	AB	12	-569	566	.	.	.	.	.	180	.	.	.
16	AB	13	-580	577	.	.	.	.	.	128	.	.	.
17	AB	14	-609	606	.	.	.	.	.	225	.	.	.
18	AB	15	-740	737	.	.	.	.	.	237	.	.	.
19	AB	40	-335	332	.	.	.	.	.	94	.	.	.
20	AB	41	-361	358	.	.	.	.	.	128	.	.	.
21	AB	42	-510	507	.	.	.	.	.	139	.	.	.
22	AB	43	-511	508	.	.	.	.	.	122	.	.	.
23	AB	44	-546	543	.	.	.	.	.	162	.	.	.
24	AB	45	-668	665	.	.	.	.	.	107	.	.	.
25	AB	51	-328	325	327	2	1	998	.	111	327	.	1
26	AB	52	-317	314	.	.	.	.	.	184	.	.	.
27	AB	53	-475	472	470	-2	1	1000	.	334	470	.	1
28	AB	59	-580	577	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1189	1186	-3	1	984	.	188	1186	.	1
30	AB	58	-1712	1710	1710	.	1	990	.	240	1710	.	1
31	AB	16	-787	783	.	.	.	.	.	162	.	.	.
32	AB	17	-850	846	.	.	.	.	.	163	.	.	.
33	AB	18	-867	863	.	.	.	.	.	152	.	.	.
34	AB	19	-862	858	.	.	.	.	.	165	.	.	.
35	AB	20	-903	899	.	.	.	.	.	154	.	.	.
36	AB	21	-937	933	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	997	.	.	.	.	.	166	.	.	.
38	AB	23	-987	984	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	997	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1020	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1028	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1091	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1121	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1494	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1185	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1194	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1306	1298	-8	1	963	.	149	1298	.	1
48	AB	33	-1425	1423	.	.	.	.	.	202	.	.	.

49	AB	34	-1487	1487	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1602	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1706	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1715	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1719	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1834	.	.	.	.	.	149	.	.	.
55	AB	46	-750	746	.	.	.	.	.	196	.	.	.
56	AB	47	-917	913	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1012	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1153	.	.	.	.	.	266	.	.	.
59	AB	50	-905	901	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1912	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1917	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1978	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2262	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2261	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2341	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1177	1188	11	1	994	.	211	1188	.	1
67	AB	67	-1122	1119	1124	5	1	988	.	200	1124	.	1

50	AB	35	-1603	1602	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1706	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1715	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1719	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1834	.	.	.	.	.	149	.	.	.
55	AB	46	-750	746	.	.	.	.	.	196	.	.	.
56	AB	47	-917	913	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1012	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1153	.	.	.	.	.	266	.	.	.
59	AB	50	-905	901	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1912	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1917	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1978	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2262	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2261	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2341	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1177	1188	11	1	994	.	211	1188	.	1
67	AB	67	-1122	1119	1124	5	1	988	.	200	1124	.	1

Quantitation Report File: 723817BN

Data: 723817BN.TI
09/10/86 14:48:00
Sample: BPC, VICKSBURG CHEMICALS, VC-1, 500ML TO 1 ML, BN FRACTION
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	343	5:43	3	0.605	A BB	27382.	39.672	NG	12.93
2	82	457	7:37	3	0.806	A BB	23346.	24.740	NG	8.06
3	136	567	9:27	3	1.000	A BB	63101.	25.000	NG	8.15
4	187	905	15:05	29	0.763	A BB	2718.	16.270	NG	5.30
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	327	5:27	3	0.577	A BB	111186.	102.709	NG/UL	33.47
26	NOT FOUND									
27	334	470	7:50	3	0.829	A BB	28450.	47.382	NG/UL	15.44
28	NOT FOUND									
29	188	1186	19:46	29	1.000	A BB	33339.	25.000	NG/UL	8.15
30	240	1710	28:30	30	1.000	A BB	9761.	25.000	NG	8.15
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1298	21:38	29	1.094	A BB	2139.	1.151	NG/UL	0.38
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

Quantitation Report le: 723817BN

Data: 723817BN. TI
09/10/86 14:48:00
Sample: BPC, VICKSBURG CHEMICALS, VC-1, 500ML TO 1 ML, BN FRACTION
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4, 6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2, 4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A, H)ANTHRACENE
64	INDENO(1, 2, 3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4, 6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND							14 µg/500.	: 0.028 µg/ml
65	NOT FOUND								
66	211	1188	19:48	29	1.002	A BB	3659.	14.104 NG/UL	85.50
67	200	1124	18:44	29	0.948	A BB	611.	2.467 NG/UL	14.96

TCA FINISHED, 11 FOUND
FINISHED AT: 9/12/86 11:42:10

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1114

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 2
Requested By McCord Data To Jack McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,TBM,MLB
Where Taken Influent to lagoon 1

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3 - Ice	9/3/86	1146
2.		EP Toxicity			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	(X)	0.03 mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	(X)	.008 mg/l	LC	9/9/86
Cyanide	(000722)	( )	mg/l		
Arsenic		(X)	0.29 mg/l	LC	9/8/86
Selenium		(X)	< .003 mg/l	LC	9/8/86
Barium		(X)	0.04 mg/l	LC	9/10/86
Cadmium		(X)	0.02 mg/l	LC	9/12/86
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1113

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 2
Requested By McCord Data To Jack McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Influent to lagoon 1

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3 - Ice	9/3/86	1146
2.		LP Toxicity			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1130
Recorded By dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	0.03	mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	.008	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	0.29	mg/l	LC	9/8/86
Selenium		(X)	< .003	mg/l	LC	9/8/86
Barium		(X)	0.04	mg/l	LC	9/10/86
Cadmium		(X)	0.02	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 111

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 2
Requested By McCord Data To Jack McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Influent to lagoon 1

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3 - Ice	9/3/86	1145
2.		EP Toxicity			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	0.03	mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	.008	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	0.29	mg/l	LC	9/8/86
Selenium		(X)	< .003	mg/l	LC	9/8/86
Barium		(X)	0.04	mg/l	LC	9/10/86
Cadmium		(X)	0.02	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9-4-86
Sample Point Identification VC2
Requested By McCord Data To Jack McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and Cloudy Collected By MSR-JBM-MWB
Where Taken Influent to Lagoon 1

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO3 - Ice	9-3-86	11:46am
2.		EP Toxicity			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 9-4-86 Time 1139
Recorded By [illegible] Date Sent to State Office 9-12-86

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	(X)	0.03 mg/l	CC	9-12-86
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	(X)	.008 mg/l	CC	9-9-86
Cyanide	(000722)	( )	mg/l		
Arsenic		(X)	0.29 mg/l	CC	9-8-86
Selenium		( )	<.003 mg/l	CC	9-8-86
Barium		(X)	0.04 mg/l	CC	9-10-86
Cadmium		(X)	0.02 mg/l	CC	9-12-86
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks 7-day turnaround

*Date of Test Initiation

1114

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,822 **MARKED** VC-3

ANALYSIS OF Sediment

ACID COMPOUNDS MQL = 100,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		13,000,000 (1.3%)

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Atrazine	ND	

BASE/NEUTRAL COMPOUNDS MQL = 100,000

acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

ND* = None Detected

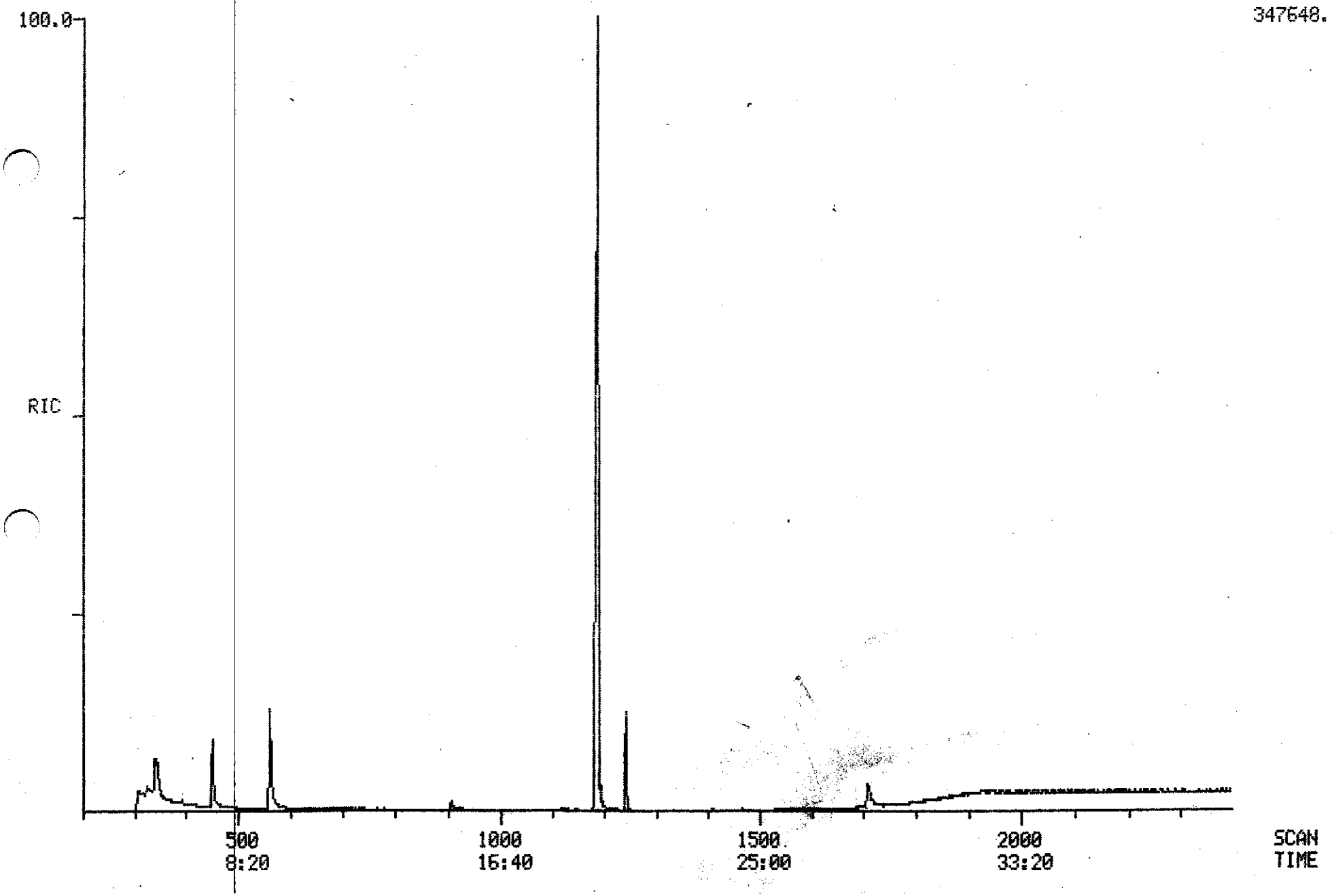
James P. Hogan

State Chemist

RIC
09/12/86 10:48:00
SAMPLE: BPC,VICKSBURG CHEMICAL,VC-3,10G TO 200ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2396 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: 723822ABN #1
CALI: 723821BN #2

SCANS 200 TO 2396



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:39:08
DATA FILE: 723822ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	200	259	28	5	1	538	RTABN1/ABN1
4	4	3	712	41	6	4	505	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 9 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	343	341	-2	5	998	.	98	341	.	1
2	AB	55	-459	462	464	2	4	986	.	82	.	.	.
3	AB	56	-577	584	586	2	5	997	.	136	.	.	.
4	AB	57	-905	923	922	-1	2	992	.	187	.	.	.
5	AB	2	-349	345	338	-7	1	945	.	93	339	1	1
6	AB	3	-379	376	.	.	.	.	.	146	.	.	.
7	AB	4	-385	382	.	.	.	.	.	146	.	.	.
8	AB	5	-409	407	.	.	.	.	.	146	.	.	.
9	AB	6	-418	417	.	.	.	.	.	45	.	.	.
10	AB	7	-453	453	.	.	.	.	.	117	.	.	.
11	AB	8	-437	437	.	.	.	.	.	70	.	.	.
12	AB	9	-462	463	.	.	.	.	.	77	.	.	.
13	AB	10	-496	498	.	.	.	.	.	82	.	.	.
14	AB	11	-528	531	.	.	.	.	.	93	.	.	.
15	AB	12	-569	574	.	.	.	.	.	180	.	.	.
16	AB	13	-580	586	.	.	.	.	.	128	.	.	.
17	AB	14	-609	616	.	.	.	.	.	225	.	.	.
18	AB	15	-740	752	.	.	.	.	.	237	.	.	.
19	AB	40	-335	330	.	.	.	.	.	94	.	.	.
20	AB	41	-361	357	.	.	.	.	.	128	.	.	.
21	AB	42	-510	513	.	.	.	.	.	139	.	.	.
22	AB	43	-511	514	.	.	.	.	.	122	.	.	.
23	AB	44	-546	550	.	.	.	.	.	162	.	.	.
24	AB	45	-668	677	.	.	.	.	.	107	.	.	.
25	AB	51	-328	323	.	.	.	.	.	111	.	.	.
26	AB	52	-317	312	.	.	.	.	.	184	.	.	.
27	AB	53	-475	476	.	.	.	.	.	334	.	.	.
28	AB	59	-580	586	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1201	1205	4	3	993	.	188	.	.	.
30	AB	58	-1712	1713	1709	-4	1	989	.	240	1707	-2	1
31	AB	16	-787	800	.	.	.	.	.	162	.	.	.
32	AB	17	-850	862	.	.	.	.	.	163	.	.	.
33	AB	18	-867	879	.	.	.	.	.	152	.	.	.
34	AB	19	-862	874	.	.	.	.	.	165	.	.	.
35	AB	20	-903	914	.	.	.	.	.	154	.	.	.
36	AB	21	-937	948	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	1010	.	.	.	.	.	166	.	.	.
38	AB	23	-987	997	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	1010	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1033	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1041	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1103	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1132	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1500	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1196	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1204	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1314	.	.	.	.	.	149	.	.	.
48	AB	33	-1425	1430	.	.	.	.	.	202	.	.	.

49	AB	34	-1469	1473	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1605	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1708	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1717	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1721	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1834	.	.	.	.	.	149	.	.	.
55	AB	46	-750	763	.	.	.	.	.	196	.	.	.
56	AB	47	-917	928	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1025	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1164	.	.	.	.	.	266	.	.	.
59	AB	50	-905	916	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1911	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1915	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1976	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2255	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2254	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2332	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1188	1188	.	1	995	.	211	1188	.	1
67	AB	67	-1122	1130	1131	1	4	863	.	200	.	.	.

Quantitation Report File: 723822ABN

Data: 723822ABN.TI
09/12/86 10:48:00
Sample: BPC,VICKSBURG CHEMICAL,VC-3,10G TO 200ML
Submitted by: BPC Analyst: DOLLAR

MQL = 5 µg/ml X 200 ml ÷ 10 g X 1000 g/Kg

= 100 000

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	341	5:41	3	0.582	A BB	55784.	*-~~5100030~~ 27	NG	99.71
2	NOT	FOUND								
3	NOT	FOUND								
4	NOT	FOUND								
5	93	339	5:39	3	0.578	A BB	308.	*~~-18713.0~~ 0.1	NG/UL	0.37
6	NOT	FOUND								
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	NOT	FOUND								
26	NOT	FOUND								
27	NOT	FOUND								
28	NOT	FOUND								
29	NOT	FOUND								
30	240	1707	28:27	30	1.000	A BB	21808.	25.000	NG	0.00
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	NOT	FOUND								
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

Quantitation Report File: 723822ABN

Data: 723822ABN.TI
09/12/86 10:48:00
Sample: BPC,VICKSBURG CHEMICAL,VC-3,10G TO 200ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1188	19:48	29	0.986	A BB	264109.	~~*-3394100~~ NG/UL *100.	
67	NOT FOUND								

66 1 µg X 200 ml ÷ 10 = 13,220

TCA FINISHED, 9 FOUND
FINISHED AT: 9/12/86 12:44:14

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1113

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/5/86
Sample Point Identification VC 4
Requested By _____ Data To Jack McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Influent pipe to lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Sediment	Total metals	Ice	9/3/86	1146
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	123	mg/kg	LC	9/21/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	142	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	362	mg/kg	LC	9/9/86
Selenium		(X)	2.68	mg/kg	LC	9/9/86
Barium		(X)	64.2	mg/kg	LC	9/10/86
Cadmium		(X)	1.90	mg/kg	LC	9/21/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1113

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/5/86
Sample Point Identification VC 4
Requested By _____ Data To Jack McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSP,TBM,MLB
Where Taken Influent pipe to lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Sediment	Total metals	Ice	9/3/86	1146
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By [illegible] Date [illegible] Time [illegible]
Recorded By Dorothy Davis Date Sent to State Office [illegible]

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	123	mg/l kg	IC	9/21/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	142	mg/l kg	IC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	362	mg/kg	IC	9/9/86
Selenium		(X)	2.68	mg/kg	IC	9/9/86
Barium		(X)	64.2	mg/kg	IC	9/10/86
Cadmium		(X)	1.90	mg/kg	IC	9/21/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1113

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/5/86
Sample Point Identification VC 4
Requested By _____ Data To Jack McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSD,JBM,MLB
Where Taken Influent pipe to lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Sediment	Total metals	Ice	9/3/86	1140
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By [illegible] Date [illegible] Time [illegible]
Recorded By [illegible] Date Sent to State Office [illegible]

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	123	mg/kg	LC	9/21/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	142	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	362	mg/kg	LC	9/9/86
Selenium		(X)	2.68	mg/kg	LC	9/9/86
Barium		(X)	64.2	mg/kg	LC	9/10/86
Cadmium		(X)	1.90	mg/kg	LC	9/21/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9-4-86
Sample Point Identification VC4
Requested By _____ Data To Jack McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and Cloudy Collected By MSR - JBM - MLB
Where Taken Influent Pipe to Lagoon #1

	Type	Parameters	Preservative	Date	Time
1.	Sediment	Total Metals	~~[illegible]~~ - ICE	9-3-86	11:46 am
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 9-5-86 Time 1639
Recorded By [illegible] Date Sent to State Office 9-12-86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	623	mg/kg	LC	9-12-86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	142	mg/kg	LC	9-9-86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	362	mg/kg	LC	9-9-86
Selenium		(X)	2.68	mg/kg	LC	9-9-86
Mercury		(X)	18.2	mg/kg	LC	9-10-86
Cadmium		(X)	1.90	mg/kg	LC	9-12-86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7-day turnaround

*Date of Test Initiation

1113

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,818 MARKED VC-5

ANALYSIS OF Water

ACID COMPOUNDS MQL = 10	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		6,300

BASE/NEUTRAL COMPOUNDS	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Atrazine		70

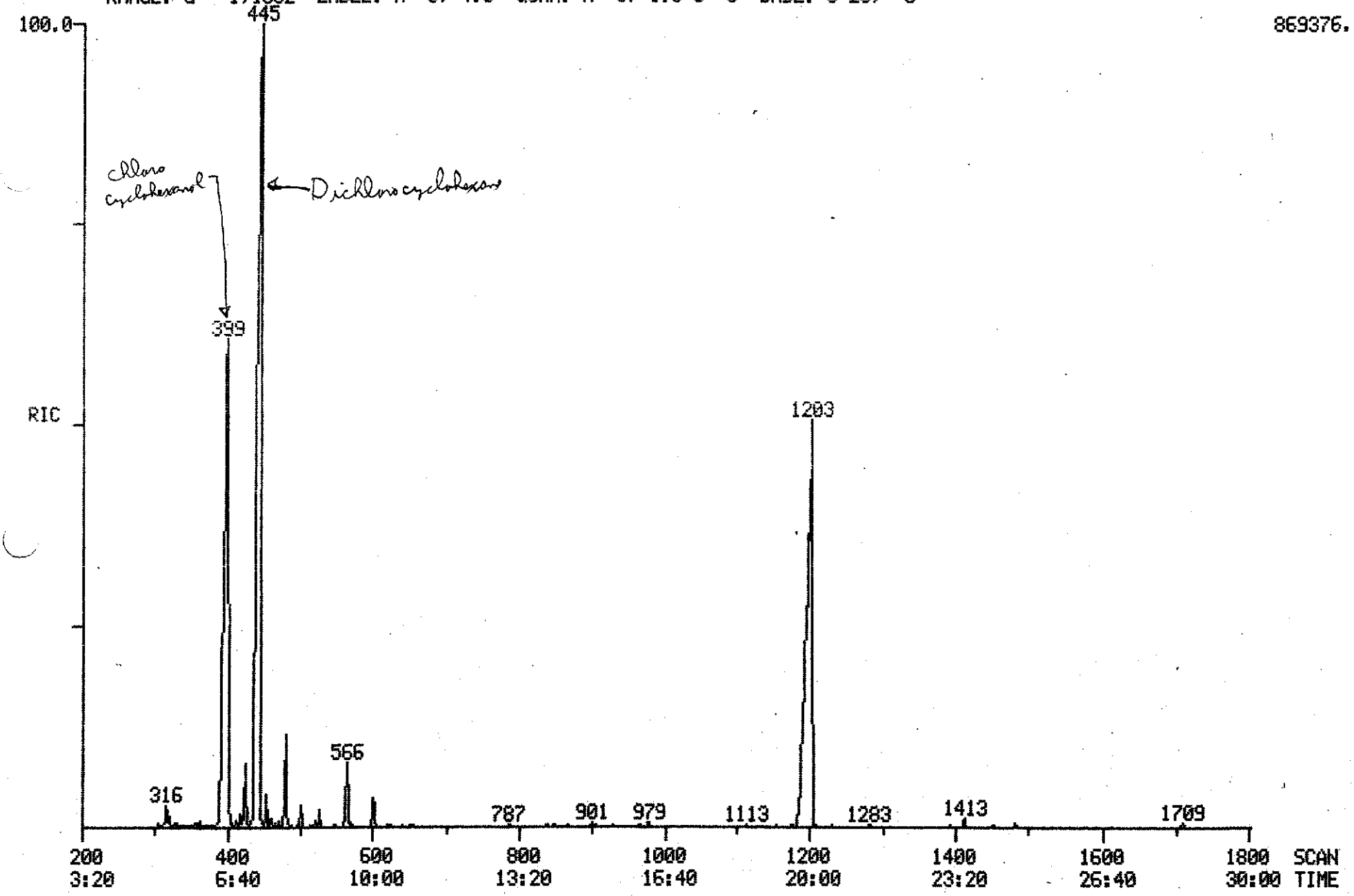
BASE/NEUTRAL COMPOUNDS MQL = 10		
acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

VOLATILE COMPOUNDS		
acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 723818A #1 SCANS 200 TO 1802
09/10/86 15:36:00 CALI: 723818A #2
SAMPLE: BPC, VICKSBURG CHEMICALS, VC-5, ACID FRACTION, 500ML TO 1 ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,1802 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 11:43:49
DATA FILE: 723818A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	3	2	651	28	7	1	470	RTABN1/ABN1
4	4	1	370	41	7	1	350	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------ >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	334	.	.	.	.	.	98	.	.	.
2	AB	55	-459	450	454	4	2	988	.	82	454	.	1
3	AB	56	-577	569	564	-5	1	997	.	136	564	.	1
4	AB	57	-905	900	901	1	1	996	.	187	901	.	1
5	AB	2	-349	343	.	.	.	.	.	93	.	.	.
6	AB	3	-379	373	.	.	.	.	.	146	.	.	.
7	AB	4	-385	379	.	.	.	.	.	146	.	.	.
8	AB	5	-409	403	.	.	.	.	.	146	.	.	.
9	AB	6	-418	412	.	.	.	.	.	45	.	.	.
10	AB	7	-453	447	.	.	.	.	.	117	.	.	.
11	AB	8	-437	431	.	.	.	.	.	70	.	.	.
12	AB	9	-462	456	.	.	.	.	.	77	.	.	.
13	AB	10	-496	490	.	.	.	.	.	82	.	.	.
14	AB	11	-528	521	.	.	.	.	.	93	.	.	.
15	AB	12	-569	562	.	.	.	.	.	180	.	.	.
16	AB	13	-580	573	.	.	.	.	.	128	.	.	.
17	AB	14	-609	602	.	.	.	.	.	225	.	.	.
18	AB	15	-740	733	.	.	.	.	.	237	.	.	.
19	AB	40	-335	329	332	3	1	948	.	94	332	.	1
20	AB	41	-361	355	.	.	.	.	.	128	.	.	.
21	AB	42	-510	504	.	.	.	.	.	139	.	.	.
22	AB	43	-511	505	.	.	.	.	.	122	.	.	.
23	AB	44	-546	539	.	.	.	.	.	162	.	.	.
24	AB	45	-668	661	.	.	.	.	.	107	.	.	.
25	AB	51	-328	322	.	.	.	.	.	111	.	.	.
26	AB	52	-317	311	316	5	1	999	.	184	316	.	1
27	AB	53	-475	469	466	-3	1	998	.	334	466	.	1
28	AB	59	-580	573	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1188	1186	-2	1	987	.	188	1186	.	1
30	AB	58	-1712	1709	1709	.	1	.	.	240	1708	-1	1
31	AB	16	-787	778	.	.	.	.	.	162	.	.	.
32	AB	17	-850	841	.	.	.	.	.	163	.	.	.
33	AB	18	-867	859	.	.	.	.	.	152	.	.	.
34	AB	19	-862	854	.	.	.	.	.	165	.	.	.
35	AB	20	-903	895	.	.	.	.	.	154	.	.	.
36	AB	21	-937	929	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	993	.	.	.	.	.	166	.	.	.
38	AB	23	-987	980	976	-4	1	956	.	149	976	.	1
39	AB	24	-1000	993	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1016	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1024	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1087	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1118	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1493	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1182	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1191	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1303	.	.	.	.	.	149	.	.	.
48	AB	33	-1425	1421	.	.	.	.	.	202	.	.	.

49	AB	34	-1487	1485	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1600	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1705	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1714	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1718	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1833	.	.	.	.	999	149	.	.	.
55	AB	46	-750	741	.	.	.	.	.	196	.	.	.
56	AB	47	-917	909	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1008	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1150	.	.	.	.	.	266	.	.	.
59	AB	50	-905	897	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1912	.	.	.	.	999	252	.	.	.
61	AB	61	-1917	1917	.	.	.	.	999	252	.	.	.
62	AB	62	-1978	1978	.	.	.	.	999	252	.	.	.
63	AB	63	-2261	2264	.	.	.	.	999	278	.	.	.
64	AB	64	-2260	2263	.	.	.	.	999	276	.	.	.
65	AB	65	-2339	2342	.	.	.	.	999	276	.	.	.
66	AB	66	-1180	1174	1175	1	1	994	.	211	1175	.	1
67	AB	67	-1122	1116	1120	4	1	274	.	200	1120	.	1

Quantitation Report File: 723818A

Data: 723818A.TI
09/10/86 15:36:00
Sample: BPC, VICKSBURG CHEMICALS, VC-5, ACID FRACTION, 500ML TO 1 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	NOT FOUND									
2	82	454	7:34	3	0.805	A BB	21865.	25.882	NG	15.09
3	136	564	9:24	3	1.000	A BB	56490.	25.000	NG	14.57
4	187	901	15:01	29	0.760	A BB	3950.	33.554	NG	19.56
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	94	332	5:32	3	0.589	A BB	95.	0.082	NG/UL	0.05
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	184	316	5:16	3	0.560	A BB	11431.	26.903	NG/UL	15.68
27	334	466	7:46	3	0.826	A BB	3771.	7.015	NG/UL	4.09
28	NOT FOUND									
29	188	1186	19:46	29	1.000	A BV	23493.	25.000	NG/UL	14.57
30	240	1708	28:28	30	1.000	A BB	5457.	25.000	NG	14.57
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	149	976	16:16	29	0.823	A BB	2392.	3.214	NG/UL	1.87
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

Quantitation Report File: 723818A

Data: 723818A.TI
09/10/86 15:36:00
Sample: BPC, VICKSBURG CHEMICALS, VC-5, ACID FRACTION, 500ML TO 1 ML
Submitted by: BPC Analyst: DOLLAR

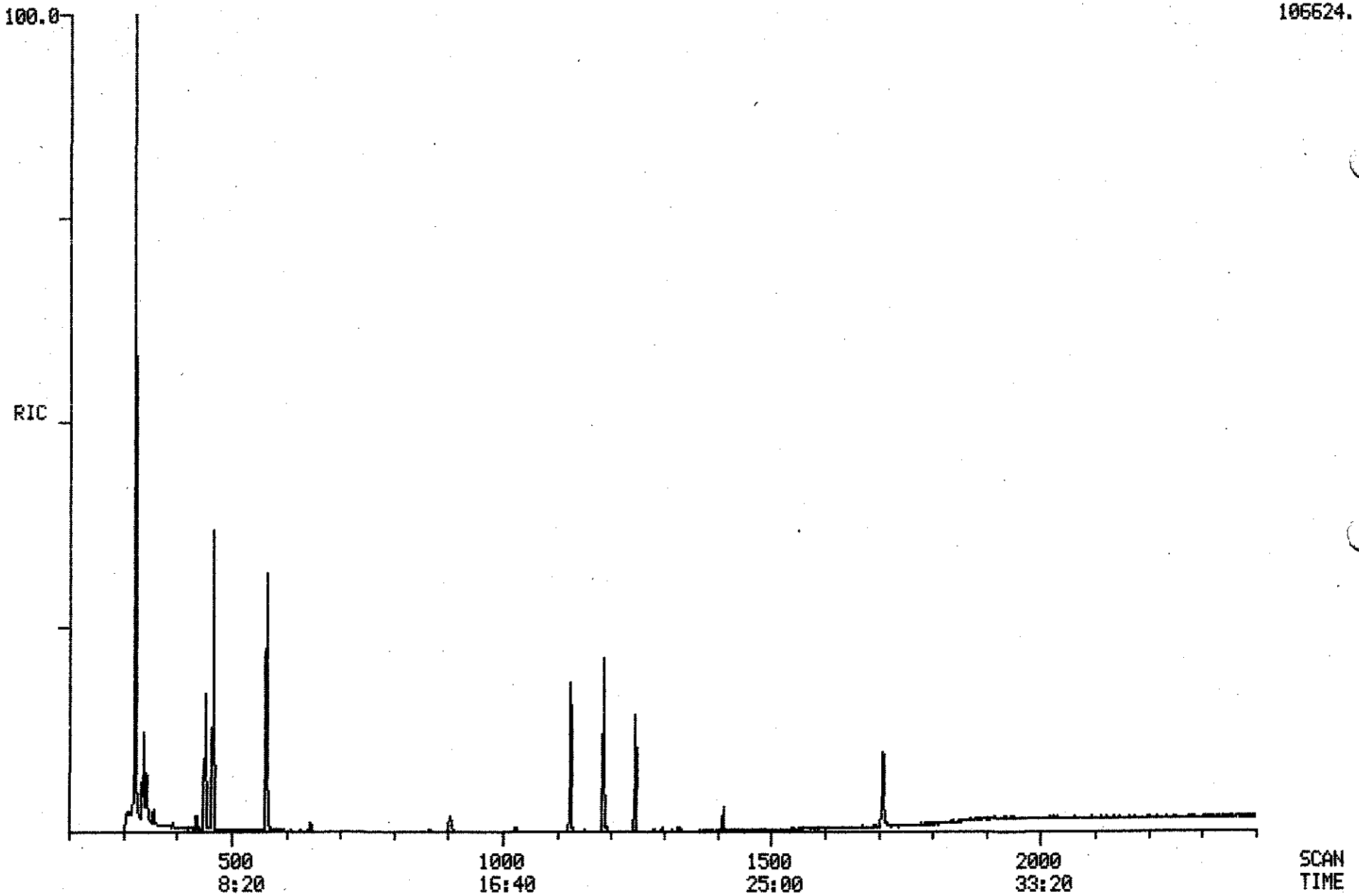
AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND 1203						630.436	~~31[illegible]~~ 3160 µg ÷ 500ml =	6.?
66	211	~~1175~~	19:35	29	0.991	A BB	~~690.~~	~~3.774~~ NG/UL	55.91
67	200	1120	18:40	29	0.944	A BB	539.	3.089 NG/UL	45.75

TCA FINISHED, 11 FOUND
FINISHED AT: 9/12/86 11:48:55

RIC DATA: 723818BN #1 SCANS 200 TO 2400
09/10/86 16:16:00 CALI: 723818BN #2
SAMPLE: BPC, VICKSBURG CHEMICAL, BASE/NUETRAL FRACTION, VC-5, 500ML TO 1
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 11:50:35
DATA FILE: 723818BN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	516	28	6	1	382	RTABN1/ABN1
4	4	1	494	41	7	1	759	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	336	338	2	2	997	.	98	338	.	1
2	AB	55	-459	451	453	2	1	990	.	82	453	.	1
3	AB	56	-577	570	564	-6	1	999	.	136	564	.	1
4	AB	57	-905	901	903	2	1	996	.	187	903	.	1
5	AB	2	-349	341	.	.	.	.	.	93	.	.	.
6	AB	3	-379	371	.	.	.	.	.	146	.	.	.
7	AB	4	-385	377	.	.	.	.	.	146	.	.	.
8	AB	5	-409	402	.	.	.	.	.	146	.	.	.
9	AB	6	-418	411	.	.	.	.	.	45	.	.	.
10	AB	7	-453	446	.	.	.	.	.	117	.	.	.
11	AB	8	-437	430	.	.	.	.	.	70	.	.	.
12	AB	9	-462	455	.	.	.	.	.	77	.	.	.
13	AB	10	-496	489	.	.	.	.	.	82	.	.	.
14	AB	11	-528	521	.	.	.	.	.	93	.	.	.
15	AB	12	-569	562	.	.	.	.	.	180	.	.	.
16	AB	13	-580	574	.	.	.	.	.	128	.	.	.
17	AB	14	-609	603	.	.	.	.	.	225	.	.	.
18	AB	15	-740	734	.	.	.	.	.	237	.	.	.
19	AB	40	-335	327	.	.	.	.	.	94	.	.	.
20	AB	41	-361	353	.	.	.	.	.	128	.	.	.
21	AB	42	-510	503	.	.	.	.	.	139	.	.	.
22	AB	43	-511	504	.	.	.	.	.	122	.	.	.
23	AB	44	-546	539	.	.	.	.	.	162	.	.	.
24	AB	45	-668	662	.	.	.	.	.	107	.	.	.
25	AB	51	-328	320	322	2	1	997	.	111	322	.	1
26	AB	52	-317	309	.	.	.	.	.	184	.	.	.
27	AB	53	-475	468	467	-1	1	995	.	334	467	.	1
28	AB	59	-580	574	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1188	1186	-2	1	996	.	188	1186	.	1
30	AB	58	-1712	1709	1708	-1	1	985	.	240	1708	.	1
31	AB	16	-787	781	.	.	.	.	.	162	.	.	.
32	AB	17	-850	845	.	.	.	.	.	163	.	.	.
33	AB	18	-867	862	.	.	.	.	.	152	.	.	.
34	AB	19	-862	857	.	.	.	.	.	165	.	.	.
35	AB	20	-903	898	.	.	.	.	.	154	.	.	.
36	AB	21	-937	932	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	995	.	.	.	.	.	166	.	.	.
38	AB	23	-987	982	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	995	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1019	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1027	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1090	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1120	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1494	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1184	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1193	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1305	1298	-7	1	936	.	149	1298	.	1
48	AB	33	-1425	1423						202			

49	AB	34	-1487	1487	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1601	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1706	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1715	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1719	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1834	.	.	.	.	.	149	.	.	.
55	AB	46	-750	744	.	.	.	.	.	196	.	.	.
56	AB	47	-917	912	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1011	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1152	.	.	.	.	.	266	.	.	.
59	AB	50	-905	900	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1912	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1917	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1978	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2263	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2262	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2341	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1176	1187	11	1	991	.	211	1187	.	1
67	AB	67	-1122	1118	1125	7	1	995	.	200	1125	.	1

Quantitation Report Fi 723818BN

Data: 723818BN. TI
09/10/86 16:16:00
Sample: BPC, VICKSBURG CHEMICAL, BASE/NUETRAL FRACTION, VC-5, 500ML TO 1
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole . RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	338	5:38	3	0.599	A BV	9894.	19.845	NG	6.19
2	82	453	7:33	3	0.803	A BB	17520.	25.702	NG	8.02
3	136	564	9:24	3	1.000	A BV	45582.	25.000	NG	7.80
4	187	903	15:03	29	0.761	A BB	2890.	22.193	NG	6.93
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	322	5:22	3	0.571	A BB	88297.	112.913	NG/UL	35.24
26	NOT FOUND									
27	334	467	7:47	3	0.828	A BV	27811.	64.120	NG/UL	20.01
28	NOT FOUND									
29	188	1186	19:46	29	1.000	A BB	25988.	25.000	NG/UL	7.80
30	240	1708	28:28	30	1.000	A BB	11309.	25.000	NG	7.80
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1298	21:38	29	1.094	A BB	1052.	0.726	NG/UL	0.23
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

Quantitation Report Fi. 723818BN

Data: 723818BN. TI
09/10/86 16:16:00
Sample: BPC, VICKSBURG CHEMICAL, BASE/NUETRAL FRACTION, VC-5, 500ML TO 1
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4, 6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2, 4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A, H)ANTHRACENE
64	INDENO(1, 2, 3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4, 6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND							16.5 ÷ 500 = 0.033	
65	NOT FOUND								
66	211	1187	19:47	29	1.001	A BB	3347.	16.551 NG/UL	32.27
67	200	1125	18:45	29	0.949	A BB	6724.	34.832 NG/UL	67.91
								÷ 0.5l = 70	

TCA FINISHED, 11 FOUND
FINISHED AT: 9/12/86 11:55:38

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1112

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 6
Requested By _____ Data To Jack McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3-Ice	9/3/86	1215
2.		EP Toxic Metals			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	(X)	0.05 mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017901)	(X)	0.01 mg/l	LC	9/9/86
Cyanide	(000722)	( )	mg/l		
Arsenic	[illegible]	(X)	0.74 mg/l	LC	9/9/86
Selenium	[illegible]	(X)	0.05 mg/l	LC	9/9/86
Barium	[illegible]	(X)	0.86 mg/l	LC	9/10/86
Cadmium	[illegible]	(X)	0.01 mg/l	LC	9/12/86
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9-4-86
Sample Point Identification VC 6
Requested By _____ Data To Jack McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and Cloudy Collected By MBR-JRM-MLB
Where Taken Lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3 - Ice	9-2-86	12:15 pm
2.		EP Toxic Metals			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 9-4-86 Time 1139
Recorded By [illegible] Date Sent to State Office 9-12-86

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	(X)	0.05 mg/l	LC	9-12-86
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	(X)	0.01 mg/l	LC	9-9-86
Cyanide	(000722)	( )	mg/l		
Cadmium		(X)	0.77 mg/l	LC	9-9-86
Nickel		(X)	0.05 mg/l	LC	9-9-86
Mercury		(X)	0.00 mg/l	LC	9-15-86
Selenium		(X)	0.01 mg/l	LC	9-12-86
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks 7 day turnaround

*Date of Test Initiation

112

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,823 **MARKED** VC-7

ANALYSIS OF Sediment

ACID COMPOUNDS MQL = 500

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		5,800

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Atrazine		2,600
Toxaphene		Trace

BASE/NEUTRAL COMPOUNDS MQL = 500

acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

VOLATILE COMPOUNDS

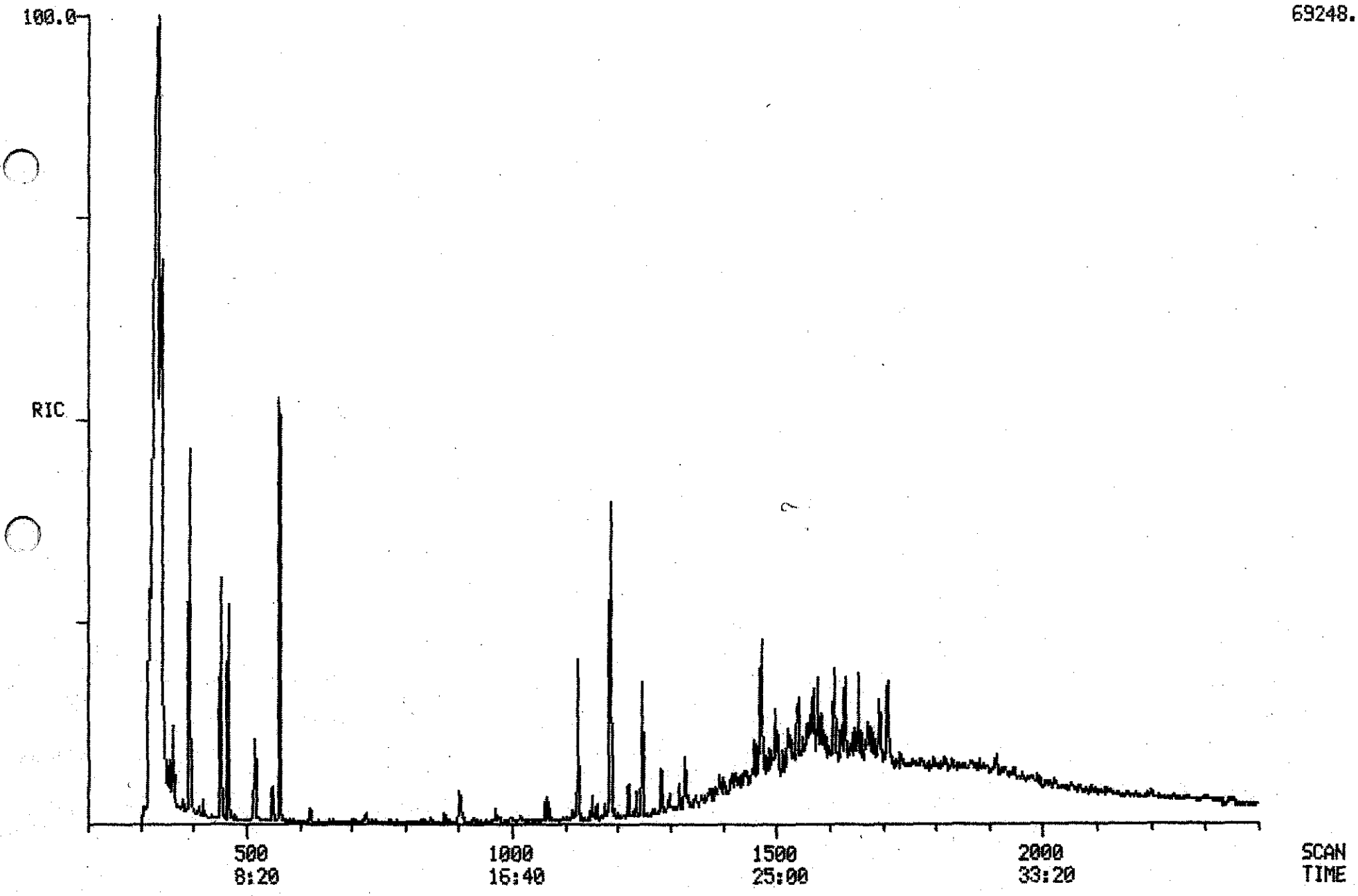
acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.

State Chemist

RIC DATA: 723823ABN #1 SCANS 200 TO 2400
09/10/86 17:08:00 CALI: 723823ABN #2
SAMPLE: BPC, VICKSBURG CHEMICAL, VC-7,10G TO 1ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:46:03
DATA FILE: 723823ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	862	28	7	2	623	RTABN1/ABN1
4	4	1	425	41	7	3	740	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	341	348	7	2	998	.	98	348	.	1
2	AB	55	-459	455	453	-2	1	990	.	82	453	.	1
3	AB	56	-577	572	563	-9	1	998	.	136	563	.	1
4	AB	57	-905	897	901	4	1	994	.	187	901	.	1
5	AB	2	-349	346	.	.	.	.	.	93	.	.	.
6	AB	3	-379	376	.	.	.	.	.	146	.	.	.
7	AB	4	-385	382	.	.	.	.	.	146	.	.	.
8	AB	5	-409	405	.	.	.	.	.	146	.	.	.
9	AB	6	-418	414	.	.	.	.	.	45	.	.	.
10	AB	7	-453	449	.	.	.	.	.	117	.	.	.
11	AB	8	-437	433	.	.	.	.	.	70	.	.	.
12	AB	9	-462	458	.	.	.	.	.	77	.	.	.
13	AB	10	-496	491	.	.	.	.	.	82	.	.	.
14	AB	11	-528	523	.	.	.	.	.	93	.	.	.
15	AB	12	-569	564	.	.	.	.	.	180	.	.	.
16	AB	13	-580	575	.	.	.	.	.	128	.	.	.
17	AB	14	-609	603	.	.	.	.	.	225	.	.	.
18	AB	15	-740	733	.	.	.	.	.	237	.	.	.
19	AB	40	-335	332	.	.	.	.	.	94	.	.	.
20	AB	41	-361	358	.	.	.	.	.	128	.	.	.
21	AB	42	-510	505	.	.	.	.	.	139	.	.	.
22	AB	43	-511	506	.	.	.	.	.	122	.	.	.
23	AB	44	-546	541	.	.	.	.	.	162	.	.	.
24	AB	45	-668	661	.	.	.	.	.	107	.	.	.
25	AB	51	-328	325	324	-1	2	992	.	111	324	.	1
26	AB	52	-317	315	319	4	1	995	.	184	320	1	1
27	AB	53	-475	471	466	-5	1	997	.	334	466	.	1
28	AB	59	-580	575	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1187	1185	-2	1	988	.	188	1185	.	1
30	AB	58	-1712	1709	1709	.	1	992	.	240	1708	-1	1
31	AB	16	-787	778	.	.	.	.	.	162	.	.	.
32	AB	17	-850	841	.	.	.	.	.	163	.	.	.
33	AB	18	-867	858	.	.	.	.	.	152	.	.	.
34	AB	19	-862	853	.	.	.	.	.	165	.	.	.
35	AB	20	-903	895	.	.	.	.	.	154	.	.	.
36	AB	21	-937	929	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	992	.	.	.	.	.	166	.	.	.
38	AB	23	-987	979	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	992	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1016	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1024	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1087	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1117	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1492	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1182	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1191	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1303	1297	-6	1	986	.	149	1297	.	1
48	AB	33	-1425	1421	.	.	.	.	.	202	.	.	.

49	AB	34	-1469	1463	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1600	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1705	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1714	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1718	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1833	.	.	.	.	.	149	.	.	.
55	AB	46	-750	741	.	.	.	.	.	196	.	.	.
56	AB	47	-917	909	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1007	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1150	.	.	.	.	.	266	.	.	.
59	AB	50	-905	897	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1911	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1916	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1978	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2263	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2262	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2341	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1174	1187	13	1	996	.	211	1187	.	1
67	AB	67	-1122	1115	1110	-5	3	986	.	200	1110	.	1

Quantitation Report File: 723823ABN

Data: 723823ABN.TI
09/10/86 17:08:00
Sample: BPC, VICKSBURG CHEMICAL, VC-7,10G TO 1ML
Submitted by: BPC Analyst: DOLLAR

MGLE

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

$5\mu g/10g \times \frac{1000g}{Kg} = 500\mu g/Kg$

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHAL

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght.)	Amount		%Tot.
1	98	348	5:48	3	0.618	A VB	571.	1.144	NG	0.57
2	82	453	7:33	3	0.805	A BB	17830.	26.126	NG	13.05
3	136	563	9:23	3	1.000	A BB	45635.	25.000	NG	12.49
4	187	901	15:01	29	0.760	A BB	2883.	23.796	NG	11.89
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	324	5:24	3	0.575	A VV	11536.	14.735	NG/UL	7.36
26	184	320	5:20	3	0.568	A BB	9396.	27.373	NG/UL	13.68
27	334	466	7:46	3	0.828	A BB	13151.	30.285	NG/UL	15.13
28	NOT FOUND									
29	188	1185	19:45	29	1.000	A BB	24178.	25.000	NG/UL	12.49
30	240	1708	28:28	30	1.000	A BB	6477.	25.000	NG	12.49
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1297	21:37	29	1.095	A BB	2399.	1.780	NG/UL	0.89
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

Quantitation Report File: 723823ABN

Data: 723823ABN.TI
09/10/86 17:08:00
Sample: BPC, VICKSBURG CHEMICAL, VC-7, 10G TO 1ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND							57.5 µg ÷ 10 g = 5.8 µg/g	
65	NOT FOUND								
66	211	1187	19:47	29	1.002	A BB	10824.	57.532 NG/UL	99.48
67	200	~~1110~~ 1124	18:30	29	0.937	A BB	73. 4717	0.406 NG/UL 26	0.70

TCA FINISHED, 12 FOUND
FINISHED AT: 9/12/86 12:51:20

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1111

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested _____
Sample Point Identification VC 8
Requested By _____ Data To Jack McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Sludge	Total Metals	Ice	9/3/86	1220
2.		EP Toxic Metals			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	10.2	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	5.30	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	21.0	mg/kg	LC	9/9/86
Selenium		(X)	0.50	mg/kg	LC	9/9/86
Barium		(X)	49.3	mg/kg	LC	9/10/86
Cadmium		(X)	1.30	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1111

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested _____
Sample Point Identification VC 8
Requested By _____ Data To Jack McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Sludge	Total Metals	Ice	9/3/86	1220
2.		EP Toxic Metals			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1135
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	10.2	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	5.30	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	21.0	mg/kg	LC	9/9/86
Selenium		(X)	0.50	mg/kg	LC	9/9/86
Barium		(X)	49.3	mg/kg	LC	9/10/86
Cadmium		(X)	1.30	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1111

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested _____
Sample Point Identification VC 8
Requested By _____ Data To Jack McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Sludge	Total Metals	Ice	9/3/86	1220
2.		EP Toxic Metals			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1159
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	10.2	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	5.30	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	21.0	mg/kg	LC	9/9/86
Selenium		(X)	0.50	mg/kg	LC	9/9/86
Barium		(X)	49.3	mg/kg	LC	9/10/86
Cadmium		(X)	1.30	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested _____
Sample Point Identification VC8
Requested By _____ Data To Jack McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and Cloudy Collected By MSR-JBM-MLB
Where Taken Lagoon #2

	Type	Parameters	Preservative	Date	Time
1.	Sludge	Total Metals	~~[illegible]~~ - TCE	9-3-86	12:20 pm
2.		EP Toxic Metals			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 9-4-86 Time 1139
Recorded By Dorothy Flores Date Sent to State Office 9-12-86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	10.2	mg/Kg	LC	9-12-86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	5.30	mg/Kg	LC	9-9-86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	7.0	mg/Kg	LC	9-9-86
Selenium		(X)	0.50	mg/Kg	LC	9-9-86
Barium		(X)	49.3	mg/Kg	LC	9-10-86
Cadmium		(X)	1.30	mg/Kg	LC	9-12-86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7-day turn around

*Date of Test Initiation

1111

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,819 MARKED VC-9

ANALYSIS OF Water

ACID COMPOUNDS MQL = 50

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		50
4,6-dinitro-2-methylphenol		60
pentachlorophenol		
phenol		
DNBP		23,000

BASE/NEUTRAL COMPOUNDS MQL = 10

	ND	µg/l or µg/kg
acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Atrazine		15,000
Toxaphene		Trace

VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

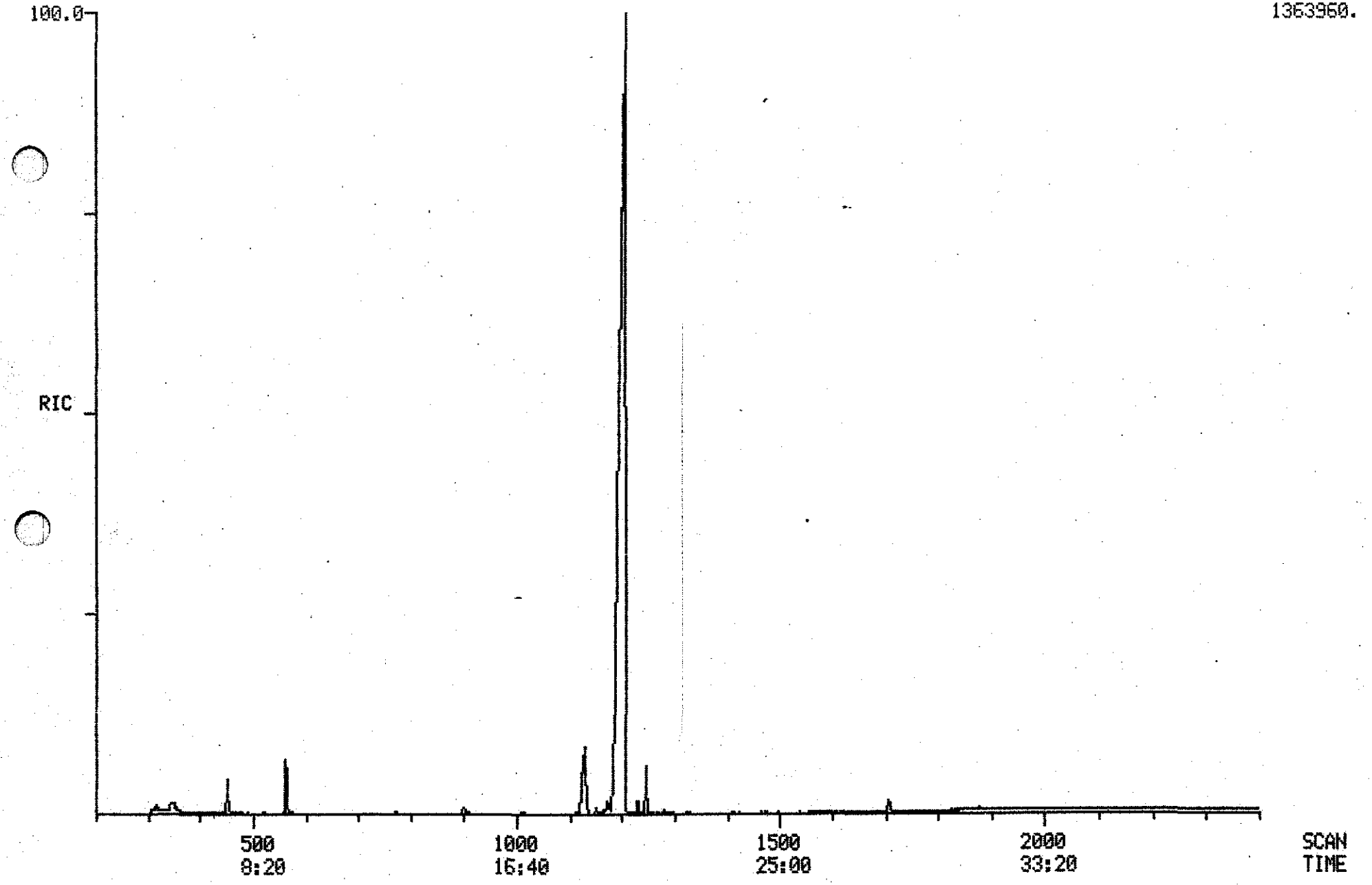
James P. Minyard, Jr.
State Chemist

RIC
09/11/86 9:46:00

DATA: 723819A #1
CALI: 723818BN #2

SCANS 200 TO 2400

SAMPLE: BPC, VICKSBURG CHEMICAL, VC-9, 500ML TO 5 ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 11:57:17
DATA FILE: 723819A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	12	686	28	7	2	510	RTABN1/ABN1
4	4	2	376	41	11	9	481	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 16 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	339	344	5	6	998	.	98	344	.	1
2	AB	55	-459	453	453	.	2	986	.	82	453	.	1
3	AB	56	-577	571	563	-8	1	996	.	136	563	.	1
4	AB	57	-905	897	900	3	1	995	.	187	900	.	1
5	AB	2	-349	345	.	.	.	.	.	93	.	.	.
6	AB	3	-379	375	.	.	.	.	.	146	.	.	.
7	AB	4	-385	381	.	.	.	.	.	146	.	.	.
8	AB	5	-409	404	.	.	.	.	.	146	.	.	.
9	AB	6	-418	413	.	.	.	.	.	45	.	.	.
10	AB	7	-453	448	.	.	.	.	.	117	.	.	.
11	AB	8	-437	432	.	.	.	.	.	70	.	.	.
12	AB	9	-462	457	.	.	.	.	.	77	.	.	.
13	AB	10	-496	490	.	.	.	.	.	82	.	.	.
14	AB	11	-528	522	.	.	.	.	.	93	.	.	.
15	AB	12	-569	563	.	.	.	.	.	180	.	.	.
16	AB	13	-580	574	.	.	.	.	.	128	.	.	.
17	AB	14	-609	602	.	.	.	.	.	225	.	.	.
18	AB	15	-740	732	.	.	.	.	.	237	.	.	.
19	AB	40	-335	331	333	2	1	989	.	94	333	.	1
20	AB	41	-361	357	.	.	.	.	.	128	.	.	.
21	AB	42	-510	504	.	.	.	.	.	139	.	.	.
22	AB	43	-511	505	.	.	.	.	.	122	.	.	.
23	AB	44	-546	540	.	.	.	.	.	162	.	.	.
24	AB	45	-668	661	.	.	.	.	.	107	.	.	.
25	AB	51	-328	324	.	.	.	.	.	111	.	.	.
26	AB	52	-317	313	316	3	2	997	.	184	316	.	1
27	AB	53	-475	470	465	-5	1	988	.	334	465	.	1
28	AB	59	-580	574	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1186	1185	-1	2	992	.	188	1185	.	1
30	AB	58	-1712	1708	1707	-1	1	981	.	240	1707	.	1
31	AB	16	-787	777	.	.	.	.	.	162	.	.	.
32	AB	17	-850	840	.	.	.	.	.	163	.	.	.
33	AB	18	-867	857	.	.	.	.	.	152	.	.	.
34	AB	19	-862	852	.	.	.	.	.	165	.	.	.
35	AB	20	-903	894	.	.	.	.	.	154	.	.	.
36	AB	21	-937	928	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	991	.	.	.	.	.	166	.	.	.
38	AB	23	-987	978	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	991	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1014	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1022	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1085	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1115	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1488	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1179	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1188	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1300	1295	-5	1	952	.	149	1295	.	1
48	AB	33	-1425	1417	.	.	.	.	.	202	.	.	.

49	AB	34	-1469	1461	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1595	1593	-2	1	979	.	149	1593	.	1
51	AB	36	-1707	1699	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1709	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1713	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1827	.	.	.	.	.	149	.	.	.
55	AB	46	-750	740	.	.	.	.	.	196	.	.	.
56	AB	47	-917	908	901	-7	1	515	.	139	.	.	.
57	AB	48	-1015	1006	1012	6	1	970	.	198	1011	-1	1
58	AB	49	-1156	1147	.	.	.	.	.	266	.	.	.
59	AB	50	-905	896	902	6	1	986	.	184	902	.	1
60	AB	60	-1912	1905	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1910	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1971	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2255	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2254	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2333	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1171	1173	2	3	993	.	211	1173	.	1
67	AB	67	-1122	1113	1109	-4	3	997	.	200	.	.	.

Quantitation Report File: 723819A

Data: 723819A.TI
09/11/86 9:46:00
Sample: BPC, VICKSBURG CHEMICAL, VC-9, 500ML TO 5 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	98	344	5:44	3	0.611	A BV	26721.	17.413 NG	11.65
2	82	453	7:33	3	0.805	A BB	53351.	25.430 NG	17.02
3	136	563	9:23	3	1.000	A BB	140290.	25.000 NG	16.73
4	187	900	15:00	29	0.759	A BB	11399.	22.989 NG	15.39
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	94	333	5:33	3	0.591	A BB	759.	0.264 NG/UL	0.18
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	184	316	5:16	3	0.561	A BV	5916.	5.606 NG/UL	3.75
27	334	465	7:45	3	0.826	A BB	2679.	2.007 NG/UL	1.34
28	NOT FOUND								
29	188	1185	19:45	29	1.000	A BV	98958.	25.000 NG/UL	16.73
30	240	1707	28:27	30	1.000	A BB	25976.	25.000 NG	16.73
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	149	1295	21:35	29	1.093	A BB	2546.	0.462 NG/UL	0.31
48	NOT FOUND								
49	NOT FOUND								
50	149	1593	26:33	30	0.933	A BB	327.	0.278 NG/UL	0.19

Quantitation Report File: 723819A

Data: 723819A.TI
09/11/86 9:46:00
Sample: BPC, VICKSBURG CHEMICAL, VC-9, 500ML TO 5 ML
Submitted by: BPC Analyst: DOLLAR

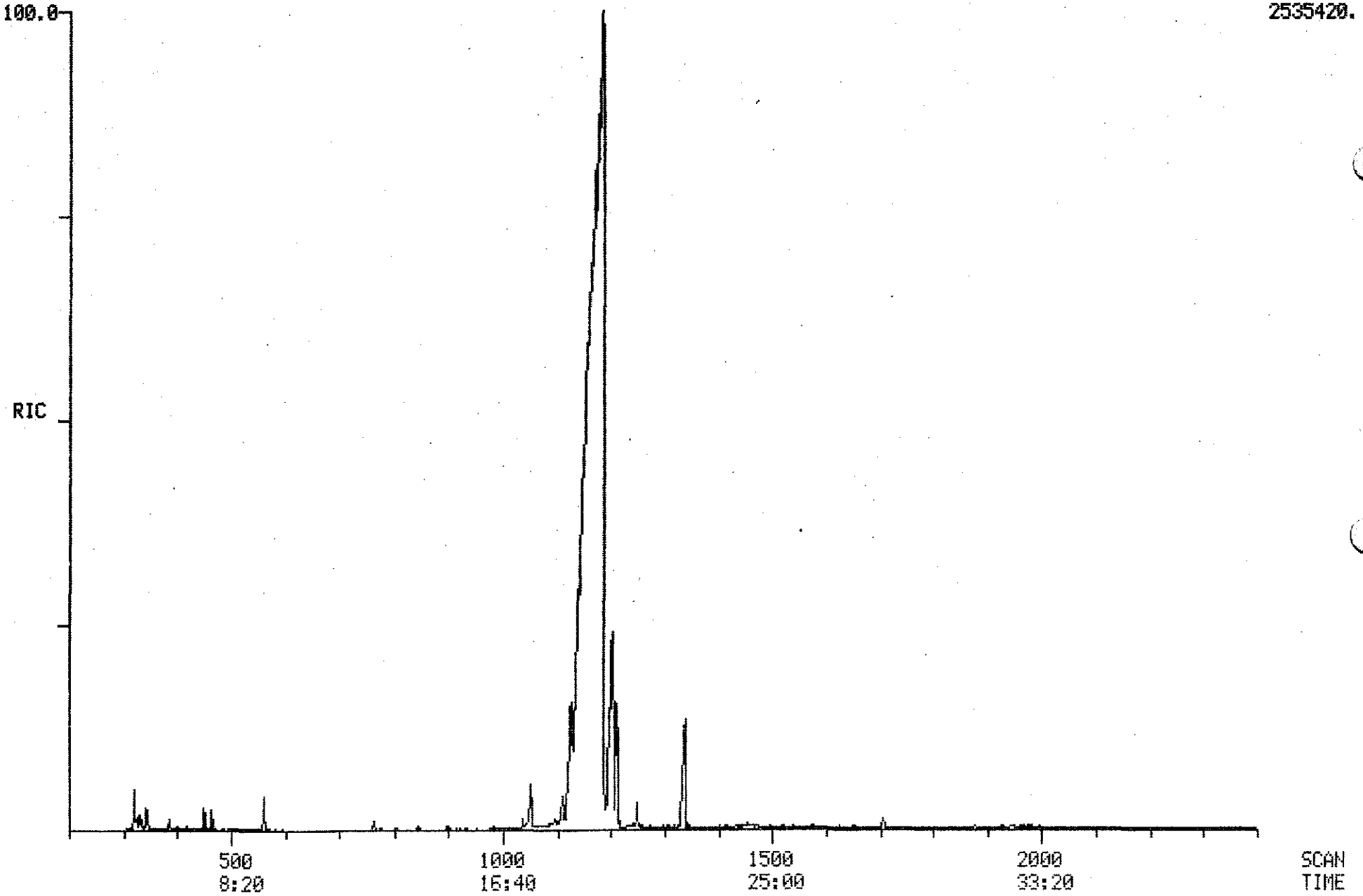
AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot	
51	NOT FOUND										
52	NOT FOUND										
53	NOT FOUND										
54	NOT FOUND										
55	NOT FOUND										
56	NOT FOUND							6.2x5 ÷ a5:		60	
57	198	1011	16:51	29	0.853	A BB	3511.	6.245	NG/UL	27.92	
58	NOT FOUND										
59	184	902	15:02	29	0.761	A BB	841.	4.681	NG/UL	20.93	50
60	NOT FOUND										
61	NOT FOUND										
62	NOT FOUND										
63	NOT FOUND										
64	NOT FOUND										
65	NOT FOUND	1205					2,100,000	2286.4 µg/l × 5 ml ÷ 500 ml = 22.8 µg/ml			
66	211	~~1173~~	19:33	29	0.990	A BB	~~8825.~~	~~11.461~~	NG/UL	51.23	
67	NOT FOUND										

TCA FINISHED, 16 FOUND
FINISHED AT: 9/12/86 12:02:44

RIC DATA: 723819BN #1 SCANS 200 TO 2400
09/11/86 11:15:00 CALI: 723819A #2
SAMPLE: BPC,VICKSBURG CHEMICAL,B/N FRACTION, 500ML TO 1 ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:04:24
DATA FILE: 723819BN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	12	450	28	8	1	375	RTABN1/ABN1
4	4	1	5349	41	7	4	3430	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 13 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------ >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	334	336	2	4	998	.	98	.	.	.
2	AB	55	-459	449	451	2	3	990	.	82	451	.	1
3	AB	56	-577	568	562	-6	1	996	.	136	562	.	1
4	AB	57	-905	896	898	2	1	998	.	187	898	.	1
5	AB	2	-349	341	.	.	.	.	.	93	.	.	.
6	AB	3	-379	371	.	.	.	.	.	146	.	.	.
7	AB	4	-385	377	.	.	.	.	.	146	.	.	.
8	AB	5	-409	401	.	.	.	.	.	146	.	.	.
9	AB	6	-418	410	.	.	.	.	.	45	.	.	.
10	AB	7	-453	445	.	.	.	.	.	117	.	.	.
11	AB	8	-437	429	.	.	.	.	.	70	.	.	.
12	AB	9	-462	454	.	.	.	.	.	77	.	.	.
13	AB	10	-496	488	487	-1	1	981	.	82	487	.	1
14	AB	11	-528	519	.	.	.	.	.	93	.	.	.
15	AB	12	-569	560	.	.	.	.	.	180	.	.	.
16	AB	13	-580	571	.	.	.	.	.	128	.	.	.
17	AB	14	-609	600	.	.	.	.	.	225	.	.	.
18	AB	15	-740	730	.	.	.	.	.	237	.	.	.
19	AB	40	-335	327	.	.	.	.	.	94	.	.	.
20	AB	41	-361	353	.	.	.	.	.	128	.	.	.
21	AB	42	-510	502	.	.	.	.	.	139	.	.	.
22	AB	43	-511	503	.	.	.	.	.	122	.	.	.
23	AB	44	-546	537	.	.	.	.	.	162	.	.	.
24	AB	45	-668	659	.	.	.	.	.	107	.	.	.
25	AB	51	-328	320	320	.	1	998	.	111	320	.	1
26	AB	52	-317	309	315	6	1	994	.	184	315	.	1
27	AB	53	-475	467	465	-2	1	998	.	334	465	.	1
28	AB	59	-580	571	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1209	1274	65	1	969	.	188	1274	.	1
30	AB	58	-1712	1737	1707	-30	1	992	.	240	1706	-1	1
31	AB	16	-787	793	.	.	.	.	.	162	.	.	.
32	AB	17	-850	858	.	.	.	.	.	163	.	.	.
33	AB	18	-867	875	.	.	.	.	.	152	.	.	.
34	AB	19	-862	870	.	.	.	.	.	165	.	.	.
35	AB	20	-903	912	.	.	.	.	.	154	.	.	.
36	AB	21	-937	946	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	1011	.	.	.	.	.	166	.	.	.
38	AB	23	-987	997	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	1011	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1034	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1042	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1107	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1137	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1517	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1203	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1212	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1325	.	.	.	.	.	149	.	.	.
48	AB	33	-1425	1445	.	.	.	.	.	202	.	.	.

49	AB	34	-1469	1490	.	.	.	.	.	202	.	.	.	.
50	AB	35	-1603	1626	.	.	.	.	.	149	.	.	.	.
51	AB	36	-1707	1733	.	.	.	.	.	228	.	.	.	.
52	AB	37	-1716	1742	.	.	.	.	.	228	.	.	.	.
53	AB	38	-1720	1746	.	.	.	.	.	149	.	.	.	.
54	AB	39	-1834	1862	.	.	.	.	.	149	.	.	.	.
55	AB	46	-750	756	.	.	.	.	.	196	.	.	.	.
56	AB	47	-917	926	925	-1	4	841	.	139	.	.	.	.
57	AB	48	-1015	1026	.	.	.	.	.	198	.	.	.	.
58	AB	49	-1156	1170	.	.	.	.	1	266	.	.	.	.
59	AB	50	-905	914	.	.	.	.	.	184	.	.	.	.
60	AB	60	-1912	1942	.	.	.	.	.	252	.	.	.	.
61	AB	61	-1917	1947	.	.	.	.	.	252	.	.	.	.
62	AB	62	-1978	2009	.	.	.	.	.	252	.	.	.	.
63	AB	63	-2261	2298	.	.	.	.	.	278	.	.	.	.
64	AB	64	-2260	2297	.	.	.	.	.	276	.	.	.	.
65	AB	65	-2339	2378	.	.	.	.	.	276	.	.	.	.
66	AB	66	-1180	1195	1203	8	1	993	.	211	1203	.	.	1
67	AB	67	-1122	1135	1126	-9	1	993	.	200	1126	.	.	1

Quantitation Report Fi 723819BN

Data: 723819BN.TI
09/11/86 11:15:00
Sample: BPC,VICKSBURG CHEMICAL,B/N FRACTION, 500ML TO 1 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	NOT	FOUND								
2	82	451	7:31	3	0.802	A BV	58621.	27.690	NG	0.87
3	136	562	9:22	3	1.000	A BB	141565.	25.000	NG	0.78
4	187	898	14:58	29	0.705	A BB	9929.	~~8002.~~ 180 34.7	NG	94.25
5	NOT	FOUND								
6	NOT	FOUND								
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	82	487	8:07	3	0.867	A BB	578.	0.153	NG/UL	0.00
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	111	320	5:20	3	0.569	A BB	101817.	41.923	NG/UL	1.32
26	184	315	5:15	3	0.560	A BB	621.	0.583	NG/UL	0.02
27	334	465	7:45	3	0.827	A BB	52939.	39.299	NG/UL	1.23
28	NOT	FOUND								
29	188	1274	21:14	29	1.000	A BB	660.	25.000	NG/UL	0.78
30	240	1706	28:26	30	1.000	A BB	33007.	25.000	NG	0.78
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	NOT	FOUND								
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

Quantitation Report Fi : 723819BN

Data: 723819BN. TI
09/11/86 11:15:00
Sample: BPC, VICKSBURG CHEMICAL, B/N FRACTION, 500ML TO 1 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole . RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4, 6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2, 4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A, H)ANTHRACENE
64	INDENO(1, 2, 3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4, 6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
51	NOT FOUND									
52	NOT FOUND									
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
56	NOT FOUND									
57	NOT FOUND									
58	NOT FOUND									
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND							1285 ÷500 =		2.6
66	211	1203	20:03	29	0.944	A BB	853305.	~~*166152.0~~	NG/UL	86.86
67	200	1126	18:46	29	0.884	A BB	123208.	~~[illegible]~~	NG/UL	13.14
	200	1186	19.46	[illegible]	.988		4,311,618	7412.0		14.8

TCA FINISHED, 13 FOUND
FINISHED AT: 9/12/86 12:10:05

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1110

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 10
Requested By _____ Data To J. McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Sump near atrazine plant

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3 - Ice	9/3/86	145
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	0.03	mg/l	LC	9/21/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	.005	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	2.47	mg/l	LC	9/9/86
Selenium		(X)	0.01	mg/l	LC	9/9/86
Barium		(X)	0.02	mg/l	LC	9/10/86
Cadmium		(X)	0.02	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1110

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code
NPDES Permit No.
Discharge No.
Date Requested 9/4/86
Sample Point Identification VC 10
Requested By
Data To J. McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy
Collected By MSR, JBM, MLS
Where Taken Sump near atrazine plant

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3 - Ice	9/3/86	145
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	0.03	mg/l	LC	9/21/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	.005	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	2.47	mg/l	LC	9/8/86
Selenium		(X)	0.01	mg/l	LC	9/9/86
Barium		(X)	0.02	mg/l	LC	9/10/86
Cadmium		(X)	0.02	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1110

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 10
Requested By _____ Data To J. McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Sump near atrazine plant

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3 - Ice	9/3/86	145
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	(X)	0.03 mg/l	LC	9/21/86
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	(X)	.005 mg/l	LC	9/9/86
Cyanide	(000722)	( )	mg/l		
Arsenic		(X)	2.47 mg/l	LC	9/8/86
Selenium		(X)	0.01 mg/l	LC	9/9/86
Barium		(X)	0.02 mg/l	LC	9/10/86
Cadmium		(X)	0.02 mg/l	LC	9/12/86
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9-4-86
Sample Point Identification VC 10
Requested By _____ Data To J. McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm & Cloudy Collected By MSR - JBA - MLR
Where Taken Sump Near Atrazine Plant

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3 - ICE	9-3-86	1:45 pm
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By [signature] Date 9-4-86 Time 1139
Recorded By [signature] Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	0.03	mg/l	LC	9-12-86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	.005	mg/l	LC	9-9-86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	2.47	mg/l	LC	9-9-86
Selenium		(X)	0.01	mg/l	LC	9-9-86
Barium		(X)	0.02	mg/l	LC	9-10-86
Cadmium		(X)	0.02	mg/l	LC	9-12-86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7-day turn around

*Date of Test Initiation

1110

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,820 MARKED VC-11

ANALYSIS OF Water

ACID COMPOUNDS MQL = 1000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		22,000
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		260,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Atrazine		12,000

BASE/NEUTRAL COMPOUNDS MQL = 200

acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

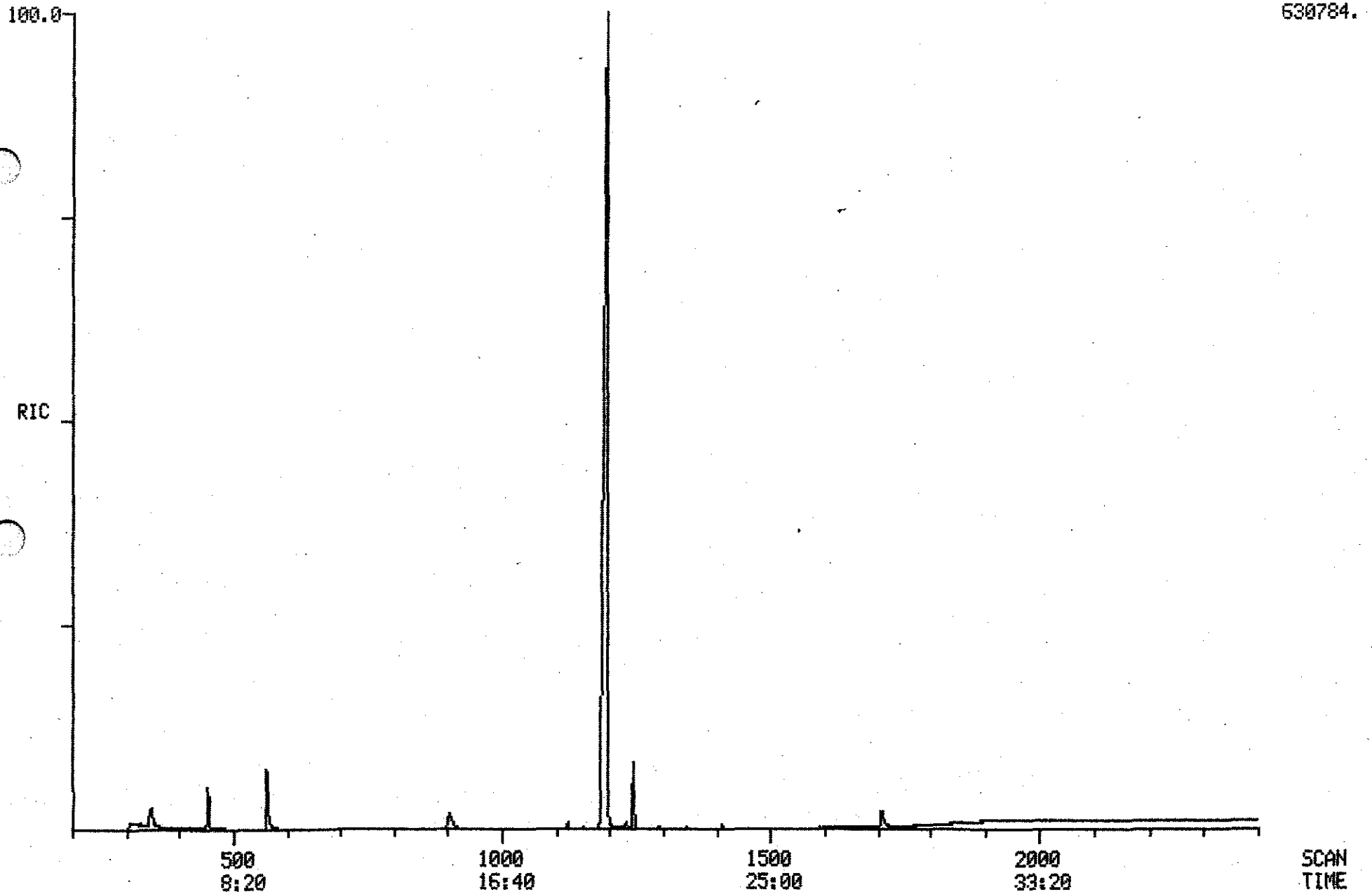
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 723820A #1 SCANS 200 TO 2400
09/11/86 13:27:00 CALI: 723819BN #2
SAMPLE: BPC,VICKSBURG CHEMICAL,VC-11,ACID FRACTION, 500ML TO 100ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:11:44
DATA FILE: 723820A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	8	361	28	5	1	331	RTABN1/ABN1
4	4	2	446	41	7	1	727	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 10 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------ >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	350	347	-3	1	996	.	98	347	.	1
2	AB	55	-459	464	466	2	2	990	.	82	466	.	1
3	AB	56	-577	582	585	3	2	994	.	136	.	.	.
4	AB	57	-905	908	906	-2	2	997	.	187	.	.	.
5	AB	2	-349	354	.	.	.	.	.	93	.	.	.
6	AB	3	-379	384	.	.	.	.	.	146	.	.	.
7	AB	4	-385	390	.	.	.	.	.	146	.	.	.
8	AB	5	-409	414	.	.	.	.	.	146	.	.	.
9	AB	6	-418	423	.	.	.	.	.	45	.	.	.
10	AB	7	-453	458	.	.	.	.	.	117	.	.	.
11	AB	8	-437	442	.	.	.	.	.	70	.	.	.
12	AB	9	-462	467	.	.	.	.	.	77	.	.	.
13	AB	10	-496	500	.	.	.	.	.	82	.	.	.
14	AB	11	-528	532	.	.	.	.	.	93	.	.	.
15	AB	12	-569	573	.	.	.	.	.	180	.	.	.
16	AB	13	-580	584	.	.	.	.	.	128	.	.	.
17	AB	14	-609	613	.	.	.	.	.	225	.	.	.
18	AB	15	-740	744	.	.	.	.	.	237	.	.	.
19	AB	40	-335	340	.	.	.	.	.	94	.	.	.
20	AB	41	-361	366	.	.	.	.	.	128	.	.	.
21	AB	42	-510	514	.	.	.	.	.	139	.	.	.
22	AB	43	-511	515	.	.	.	.	.	122	.	.	.
23	AB	44	-546	550	.	.	.	.	.	162	.	.	.
24	AB	45	-668	672	.	.	.	.	.	107	.	.	.
25	AB	51	-328	333	.	.	.	.	.	111	.	.	.
26	AB	52	-317	322	320	-2	1	1000	.	184	320	.	1
27	AB	53	-475	480	.	.	.	.	.	334	.	.	.
28	AB	59	-580	584	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1196	1201	5	2	995	.	188	1200	-1	1
30	AB	58	-1712	1710	1708	-2	1	986	.	240	1708	.	1
31	AB	16	-787	793	.	.	.	.	.	162	.	.	.
32	AB	17	-850	855	.	.	.	.	.	163	.	.	.
33	AB	18	-867	872	.	.	.	.	.	152	.	.	.
34	AB	19	-862	867	.	.	.	.	.	165	.	.	.
35	AB	20	-903	908	.	.	.	.	.	154	.	.	.
36	AB	21	-937	942	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	1004	.	.	.	.	.	166	.	.	.
38	AB	23	-987	991	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	1004	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1027	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1035	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1098	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1128	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1498	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1191	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1200	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1311	.	.	.	.	.	149	.	.	.
48	AB	33	-1425	1427	.	.	.	.	.	202	.	.	.

Quantitation Report File: 723820A

Data: 723820A.TI
09/11/86 13:27:00
Sample: BPC,VICKSBURG CHEMICAL,VC-11,ACID FRACTION, 500ML TO 100ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

MQL =
5 µg/ml x 100 ml ÷ 0.5 l = 1000

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

49	AB	34	-1469	1471	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1604	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1707	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1716	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1720	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1834	.	.	.	.	.	149	.	.	.
55	AB	46	-750	756	.	.	.	.	.	196	.	.	.
56	AB	47	-917	922	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1019	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1159	.	.	.	.	.	266	.	.	.
59	AB	50	-905	910	903	-7	1	994	.	184	903	.	1
60	AB	60	-1912	1911	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1916	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1977	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2258	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2257	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2336	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1183	1196	13	1	993	.	211	1196	.	1
67	AB	67	-1122	1126	1123	-3	1	993	.	200	1122	-1	1

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	347	5:47	3	0.593	A BB	37220.	*~~3402830~~	NG 19.1	98.18
2	82	466	7:46	3	0.797	A VB	653.	*~~43653.7~~	NG .4	1.26
3	NOT FOUND									
4	NOT FOUND									
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND							<25		
26	184	320	5:20	3	0.547	A BB	165.	*~~21936.4~~	NG/UL	0.63
27	NOT FOUND									
28	NOT FOUND									
29	188	1200	20:00	29	1.000	A VB	5945.	25.000	NG/UL	0.00
30	240	1708	28:28	30	1.000	A BB	20065.	25.000	NG	0.00
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

Quantitation Report File: 723820A

Data: 723820A.TI
09/11/86 13:27:00
Sample: BPC, VICKSBURG CHEMICAL, VC-11, ACID FRACTION, 500ML TO 100ML
Submitted by: BPC Analyst: DOLLAR

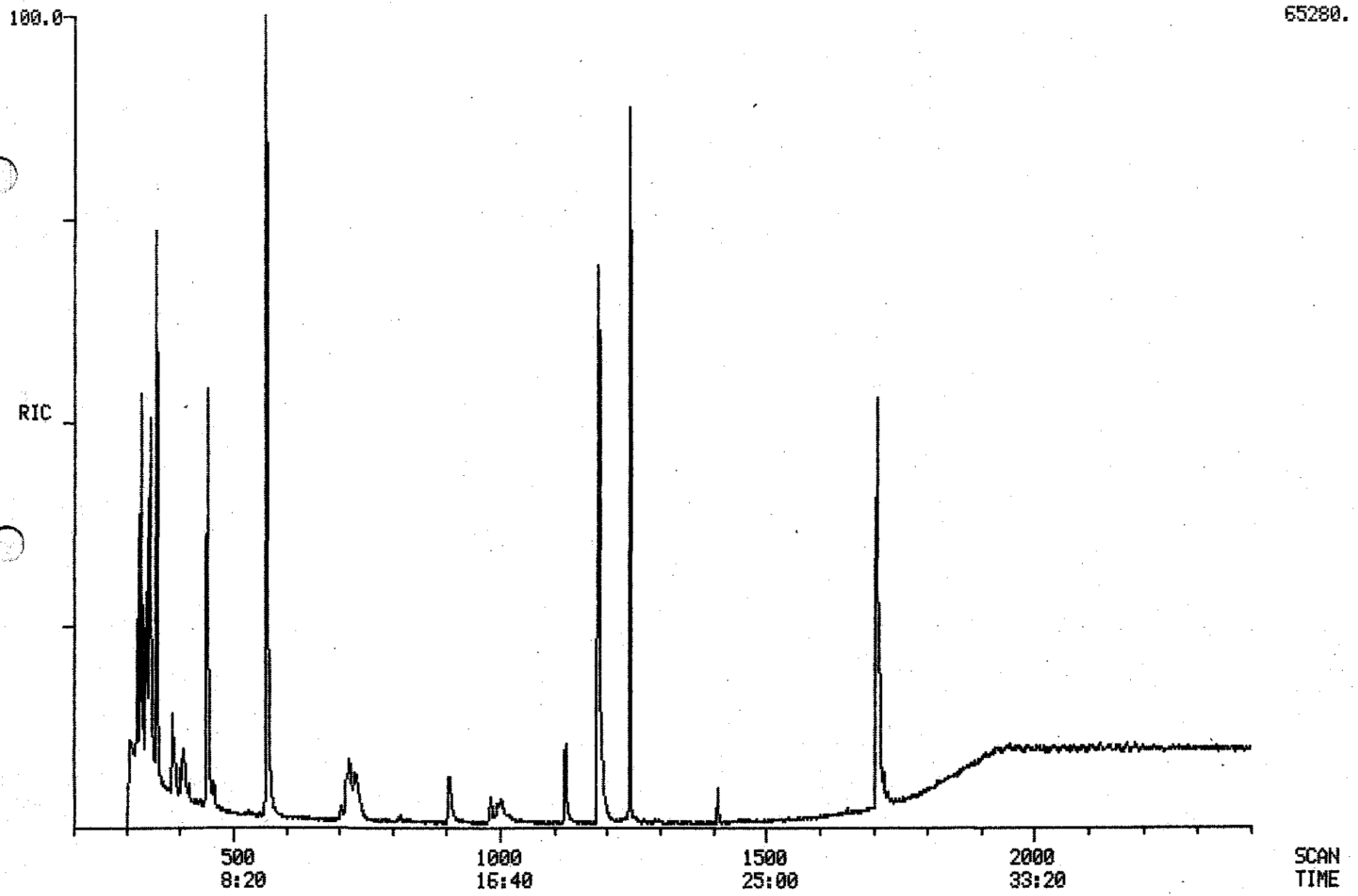
AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	184	903	15:03	29	0.752	A BB	9496.	109 ng/ml x100 ÷ 0.5 = 22000 ~~879.~~ 833 NG/UL	4.80
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1196	19:56	29	0.997	A BB	795564.	1297 µg x100ml ÷ 500ml = 260,000 ~~17197.~~ 600 NG/UL	93.73
67	200	1122	18:42	29	0.935	A BB	2612.	~~59.~~ 5 148 NG/UL	0.32 11,800

TCA FINISHED, 10 FOUND
FINISHED AT: 9/12/86 12:16:53

RIC DATA: 723820BN #1 SCANS 200 TO 2400
09/11/86 14:24:00 CALI: 723820A #2
SAMPLE: BPC, VICKSBURG CHEMICAL,B/N FRACTION,VC-11,500ML TO 20ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:18:33
DATA FILE: 723820BN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	5	621	28	7	1	425	RTABN1/ABN1
4	4	6	691	41	6	1	523	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	335	338	3	5	1000	.	98	338	.	1
2	AB	55	-459	451	453	2	1	989	.	82	452	-1	1
3	AB	56	-577	571	563	-8	1	999	.	136	563	.	1
4	AB	57	-905	902	905	3	1	992	.	187	906	1	1
5	AB	2	-349	340	.	.	.	.	.	93	.	.	.
6	AB	3	-379	370	.	.	.	.	.	146	.	.	.
7	AB	4	-385	376	.	.	.	.	.	146	.	.	.
8	AB	5	-409	400	.	.	.	.	.	146	.	.	.
9	AB	6	-418	410	408	-2	1	995	.	45	408	.	1
10	AB	7	-453	445	.	.	.	.	.	117	.	.	.
11	AB	8	-437	429	.	.	.	.	.	70	.	.	.
12	AB	9	-462	454	.	.	.	.	.	77	.	.	.
13	AB	10	-496	488	.	.	.	.	.	82	.	.	.
14	AB	11	-528	521	.	.	.	.	.	93	.	.	.
15	AB	12	-569	562	.	.	.	.	.	180	.	.	.
16	AB	13	-580	573	.	.	.	.	.	128	.	.	.
17	AB	14	-609	603	.	.	.	.	.	225	.	.	.
18	AB	15	-740	735	.	.	.	.	.	237	.	.	.
19	AB	40	-335	326	.	.	.	.	.	94	.	.	.
20	AB	41	-361	352	.	.	.	.	.	128	.	.	.
21	AB	42	-510	503	.	.	.	.	.	139	.	.	.
22	AB	43	-511	504	.	.	.	.	.	122	.	.	.
23	AB	44	-546	539	.	.	.	.	.	162	.	.	.
24	AB	45	-668	662	.	.	.	.	.	107	.	.	.
25	AB	51	-328	319	321	2	1	957	.	111	321	.	1
26	AB	52	-317	308	.	.	.	.	.	184	.	.	.
27	AB	53	-475	467	465	-2	1	996	.	334	465	.	1
28	AB	59	-580	573	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1200	1207	7	2	988	.	188	.	.	.
30	AB	58	-1712	1730	1726	-4	3	990	.	240	1726	.	1
31	AB	16	-787	782	.	.	.	.	.	162	.	.	.
32	AB	17	-850	847	.	.	.	.	.	163	.	.	.
33	AB	18	-867	864	.	.	.	.	.	152	.	.	.
34	AB	19	-862	859	.	.	.	.	.	165	.	.	.
35	AB	20	-903	901	.	.	.	.	.	154	.	.	.
36	AB	21	-937	936	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	1000	.	.	.	.	.	166	.	.	.
38	AB	23	-987	987	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	1000	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1024	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1032	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1097	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1127	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1509	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1193	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1202	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1316	.	.	.	.	.	149	.	.	.
48	AB	33	-1425	1436	.	.	.	.	.	202	.	.	.

49	AB	34	-1469	1481	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1618	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1725	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1734	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1738	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1855	.	.	.	.	.	149	.	.	.
55	AB	46	-750	744	.	.	.	.	.	196	.	.	.
56	AB	47	-917	915	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1016	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1160	.	.	.	.	.	266	.	.	.
59	AB	50	-905	903	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1935	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1940	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	2002	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2292	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2291	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2372	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1185	1186	1	1	995	.	211	1186	.	1
67	AB	67	-1122	1125	1122	-3	1	993	.	200	1121	-1	1

Quantitation Report File: 723820BN

Data: 723820BN.TI
09/11/86 14:24:00
Sample: BPC, VICKSBURG CHEMICAL, B/N FRACTION, VC-11, 500ML TO 20ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole .RL

MQL = 5 µg/ml x 20 ml ÷ 0.5 l
= 200

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHAL E

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	338	5:38	3	0.600	A BV	15099.	11.714	NG	0.00
2	82	452	7:32	3	0.803	A BB	40784.	23.142	NG	0.00
3	136	563	9:23	3	1.000	A BB	117845.	25.000	NG	0.00
4	187	906	15:06	29	0.751	A BB	6053.	~~*1207760~~ 27	NG	*100.
5	NOT	FOUND								
6	NOT	FOUND								
7	NOT	FOUND								
8	NOT	FOUND								
9	45	408	6:48	3	0.725	A BB	9315.	2.755	NG/UL	0.00
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	111	321	5:21	3	0.570	A BB	7226.	3.574	NG/UL	0.00
26	NOT	FOUND								
27	334	465	7:45	3	0.826	A BB	1835.	1.636	NG/UL	0.00
28	NOT	FOUND								
29	NOT	FOUND								
30	240	1726	28:46	30	1.000	A VB	720.	25.000	NG	0.00
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	NOT	FOUND								
48	NOT	FOUND								
49	NOT	FOUND								
50	NOT	FOUND								

Quantitation Report File: 723820BN

Data: 723820BN.TI
09/11/86 14:24:00
Sample: BPC, VICKSBURG CHEMICAL, B/N FRACTION, VC-11, 500ML TO 20ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
51	NOT FOUND									
52	NOT FOUND									
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
56	NOT FOUND									
57	NOT FOUND									
58	NOT FOUND									
59	NOT FOUND									
60	NOT FOUND									
61	NOT FOUND									
62	NOT FOUND									
63	NOT FOUND									
64	NOT FOUND									
65	NOT FOUND									
66	211	1186	19:46	29	0.983	A BB	6381.	9.7 ~~*820038.~~	NG/UL	64.22
67	200	1121	18:41	29	0.929	A BB	3408.	~~*458795.~~	NG/UL	35.93

5.9 µg/20ml ÷ 50ml = 0.2 ppm

TCA FINISHED, 11 FOUND
FINISHED AT: 9/12/86 12:23:48

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1109

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested _____
Sample Point Identification VC 12
Requested By _____ Data To J.McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Sump below product drumming area

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3-Ice	9/3/86	145
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	108	mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	2.90	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	0.68	mg/l	LC	9/8/86
Selenium		(X)	0.11	mg/l	LC	9/8/86
Barium		(X)	0.97	mg/l	LC	9/10/86
Cadmium		(X)	0.03	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1199

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. VC 12 Date Requested _____
Sample Point Identification VC 12
Requested By _____ Data To J. McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSK,JBM,MLB
Where Taken Sump below product drumming area

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3-Ice	9/3/86	145
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	108	mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	2.90	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	0.68	mg/l	LC	9/8/86
Selenium		(X)	0.11	mg/l	LC	9/8/86
Barium		(X)	0.97	mg/l	LC	9/10/86
Cadmium		(X)	0.03	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1102

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. VC 12 Date Requested _____
Sample Point Identification VC 12
Requested By _____ Data To J. McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Sump below product drumming area

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO_3-Ice	9/3/86	145
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	108	mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	2.90	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	0.68	mg/l	LC	9/8/86
Selenium		(X)	0.11	mg/l	LC	9/8/86
Barium		(X)	0.97	mg/l	LC	9/10/86
Cadmium		(X)	0.03	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemicals
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9-4-86
Sample Point Identification VC 12
Requested By _____ Data To J. McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm + Cloudy Collected By MSR-JBM-MLB
Where Taken Sump below Product Dewatering Area

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals	HNO3 - ICP	9-3-86	1:45 pm
2.		EP Toxic Test			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 9-4-86 Time 1139
Recorded By [signature] Date Sent to State Office 9-12-86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	108	mg/l	LC	9-12-86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	2.90	mg/l	LC	9-9-86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	0.05	mg/l	LC	9-8-86
Selenium		(X)	0.11	mg/l	LC	9-8-86
Barium		(X)	0.97	mg/l	LC	9-10-86
Cadmium		(X)	0.03	mg/l	LC	9-12-86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7-day turn around

*Date of Test Initiation

1109

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,824 MARKED VC-13

ANALYSIS OF Sediment

ACID COMPOUNDS MQL = 1,000,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		330,000,000 (33%)

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Atrazine	ND	

BASE/NEUTRAL COMPOUNDS MQL = 1,000,000

acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

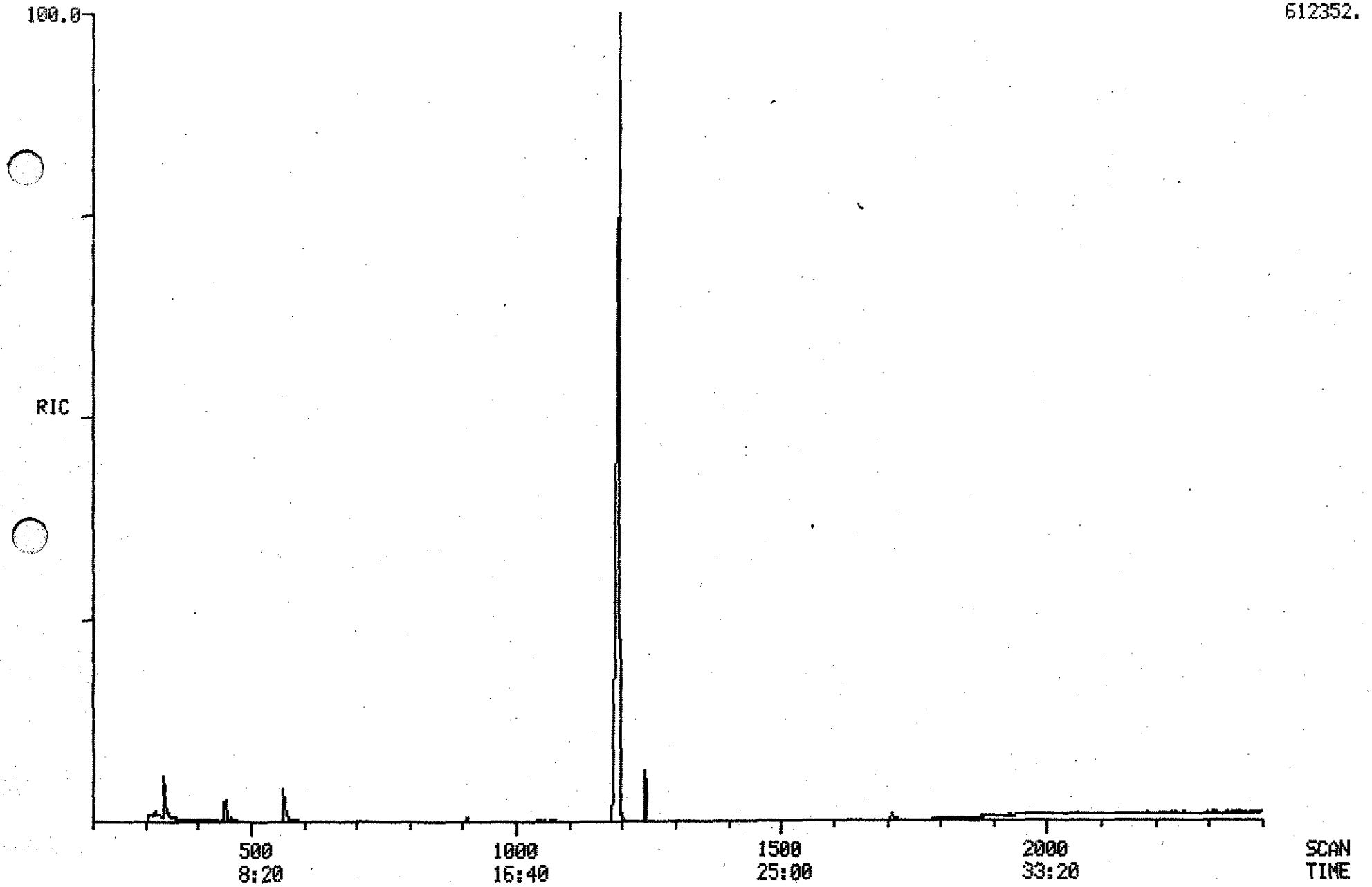
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 723824ABN #1 SCANS 200 TO 2400
09/12/86 9:53:00 CALI: 723823ABN #2
SAMPLE: BPC, VICKSBURG CHEMICAL,VC-13,1G TO 200ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:52:59
DATA FILE: 723824ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ------ ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	1	687	28	5	1	573	RTABN1/ABN1
4	4	2	888	41	5	1	1233	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 8 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	333	336	3	1	998	.	98	336	.	1
2	AB	55	-459	450	452	2	1	991	.	82	452	.	1
3	AB	56	-577	570	562	-8	1	995	.	136	562	.	1
4	AB	57	-905	905	908	3	1	996	.	187	908	.	1
5	AB	2	-349	337	.	.	.	.	.	93	.	.	.
6	AB	3	-379	368	.	.	.	.	.	146	.	.	.
7	AB	4	-385	374	.	.	.	.	.	146	.	.	.
8	AB	5	-409	398	.	.	.	.	.	146	.	.	.
9	AB	6	-418	408	.	.	.	.	.	45	.	.	.
10	AB	7	-453	443	.	.	.	.	.	117	.	.	.
11	AB	8	-437	427	.	.	.	.	.	70	.	.	.
12	AB	9	-462	453	.	.	.	.	.	77	.	.	.
13	AB	10	-496	487	.	.	.	.	.	82	.	.	.
14	AB	11	-528	520	.	.	.	.	.	93	.	.	.
15	AB	12	-569	562	.	.	.	.	.	180	.	.	.
16	AB	13	-580	573	.	.	.	.	.	128	.	.	.
17	AB	14	-609	603	.	.	.	.	.	225	.	.	.
18	AB	15	-740	736	.	.	.	.	.	237	.	.	.
19	AB	40	-335	323	.	.	.	.	.	94	.	.	.
20	AB	41	-361	349	.	.	.	.	.	128	.	.	.
21	AB	42	-510	502	.	.	.	.	.	139	.	.	.
22	AB	43	-511	503	.	.	.	.	.	122	.	.	.
23	AB	44	-546	538	.	.	.	.	.	162	.	.	.
24	AB	45	-668	663	.	.	.	.	.	107	.	.	.
25	AB	51	-328	316	.	.	.	.	.	111	.	.	.
26	AB	52	-317	304	.	.	.	.	.	184	.	.	.
27	AB	53	-475	466	464	-2	1	987	.	334	464	.	1
28	AB	59	-580	573	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1189	1184	-5	2	995	.	188	1184	.	1
30	AB	58	-1712	1710	1710	.	1	970	.	240	1710	.	1
31	AB	16	-787	782	.	.	.	.	.	162	.	.	.
32	AB	17	-850	846	.	.	.	.	.	163	.	.	.
33	AB	18	-867	863	.	.	.	.	.	152	.	.	.
34	AB	19	-862	858	.	.	.	.	.	165	.	.	.
35	AB	20	-903	899	.	.	.	.	.	154	.	.	.
36	AB	21	-937	933	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	997	.	.	.	.	.	166	.	.	.
38	AB	23	-987	984	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	997	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1020	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1028	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1092	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1122	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1497	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1187	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1196	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1308	.	.	.	.	.	149	.	.	.
48	AB	33	-1425	1426	.	.	.	.	.	202	.	.	.

49	AB	34	-1489	1490	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1605	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1710	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1719	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1723	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1839	.	.	.	.	.	149	.	.	.
55	AB	46	-750	745	.	.	.	.	.	196	.	.	.
56	AB	47	-917	913	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1012	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1154	.	.	.	.	.	266	.	.	.
59	AB	50	-905	901	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1917	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1922	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1984	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2269	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2268	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2348	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1179	1194	15	1	992	.	211	1194	.	1
67	AB	67	-1122	1120	.	.	.	.	.	200	.	.	.

Quantitation Report File: 723824ABN

Data: 723824ABN.TI
09/12/86 9:53:00
Sample: BPC, VICKSBURG CHEMICAL, VC-13, 1G TO 200ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	98	336	5:36	3	0.598	A BB	45272.	59.883 NG	34.26
2	82	452	7:32	3	0.804	A BV	26227.	25.374 NG	14.52
3	136	562	9:22	3	1.000	A BB	69118.	25.000 NG	14.30
4	187	908	15:08	29	0.767	A BB	2699.	12.121 NG	6.93
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	334	464	7:44	3	0.826	A BB	1625.	2.471 NG/UL	1.41
28	NOT FOUND								
29	188	1184	19:44	29	1.000	A BV	44437.	25.000 NG/UL	14.30
30	240	1710	28:30	30	1.000	A BB	9061.	25.000 NG	14.30
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

MQL = 5µg/ml x 200ml ÷ 1g = 1000 µg/g
= 1000,000 µg/Kg

Quantitation Report File: 723824ABN

Data: 723824ABN.TI
09/12/86 9:53:00
Sample: BPC, VICKSBURG CHEMICAL, VC-13, 1G TO 200ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1194	19:54	29	1.008	A BB	570964.	1651.230 NG/UL	*100.
67	NOT FOUND								

1651 x 200 ml ÷ 1g = 330,200

TCA FINISHED, 8 FOUND
FINISHED AT: 9/12/86 12:57:56

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1108

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 14
Requested By _____ Data To J. McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition warm and cloudy Collected By MSR,JBM,MLB
Where Taken Returned product storage area

	Type	Parameters	Preservative	Date	Time
1.	Sediment	Total Metal Scan	Ice	9/3/86	210
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	47.1	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	16.7	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	44.3	mg/kg	LC	9/9/86
Selenium		(X)	4.06	mg/kg	LC	9/9/86
Barium		(X)	78.5	mg/kg	LC	9/10/86
Cadmium		(X)	5.50	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1108

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 14
Requested By _____ Data To J. McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition warm and cloudy Collected By MSR, JBM, MLB
Where Taken Returned product storage area

	Type	Parameters	Preservative	Date	Time
1.	Sediment	Total Metal Scan	Ice	9/3/86	210
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Keyu Date 9/4/86 Time 1139
Recorded By Dorothy lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	47.1	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	16.7	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	44.3	mg/kg	LC	9/9/86
Selenium		(X)	4.06	mg/kg	LC	9/9/86
Barium		(X)	78.5	mg/kg	LC	9/10/86
Cadmium		(X)	5.50	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1109

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 14
Requested By _____ Data To J. McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition warm and cloudy Collected By MSR,JBM,MLR
Where Taken Returned product storage area

	Type	Parameters	Preservative	Date	Time
1.	Sediment	Total Metal Scan	Ice	9/3/86	210
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Keyu Date 9/4/86 Time 1139
Recorded By Dorothy lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/1		*
COD	(000340)	( )		mg/1		
TOC	(000680)	( )		mg/1		
Suspended Solids	(099000)	( )		mg/1		
TKN	(000625)	( )		mg/1		
Ammonia-N	(000610)	( )		mg/1		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/1		
Oil and Grease(1)	(000550)	( )		mg/1		
Oil and Grease(2)	(000550)	( )		mg/1		
Chlorides	(099016)	( )		mg/1		
Phenol	(032730)	( )		mg/1		
Total Chromium	(001034)	(X)	47.1	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/1		
Zinc	(001092)	( )		mg/1		
Copper	(001042)	( )		mg/1		
Lead	(017501)	(X)	16.7	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/1		
Arsenic		(X)	44.3	mg/kg	LC	9/9/86
Selenium		(X)	4.06	mg/kg	LC	9/9/86
Barium		(X)	78.5	mg/kg	LC	9/10/86
Cadmium		(X)	5.50	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9-4-86
Sample Point Identification VC14
Requested By _____ Data To J. McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm & Cloudy Collected By MSR-JBM-MLB
Where Taken Returned Product Storage Area

	Type	Parameters	Preservative	Date	Time
1.	Sediment	Total Metal Scan	~~HNO~~ ICE	9-3-86	2:10pm
2.		EPToxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 9-4-86 Time 1639
Recorded By Dorothy Ellis Date Sent to State Office 9-12-86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	47.1	mg/kg	LC	9-12-86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	16.7	mg/kg	LC	9-9-86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	44.3	mg/kg	LC	9-9-86
Selenium		(X)	4.06	mg/kg	LC	9-9-86
Barium		(X)	28.5	mg/kg	LC	9-10-86
Cadmium		(X)	5.50	mg/kg	LC	9-12-86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

1108

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,825 MARKED VC-15

ANALYSIS OF Soil

ACID COMPOUNDS MQL = 5,000

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		95,000

BASE/NEUTRAL COMPOUNDS MQL = 5,000

	ND	µg/l or µg/kg
acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		10,000
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Toxaphene		Trace
Atrazine	ND	

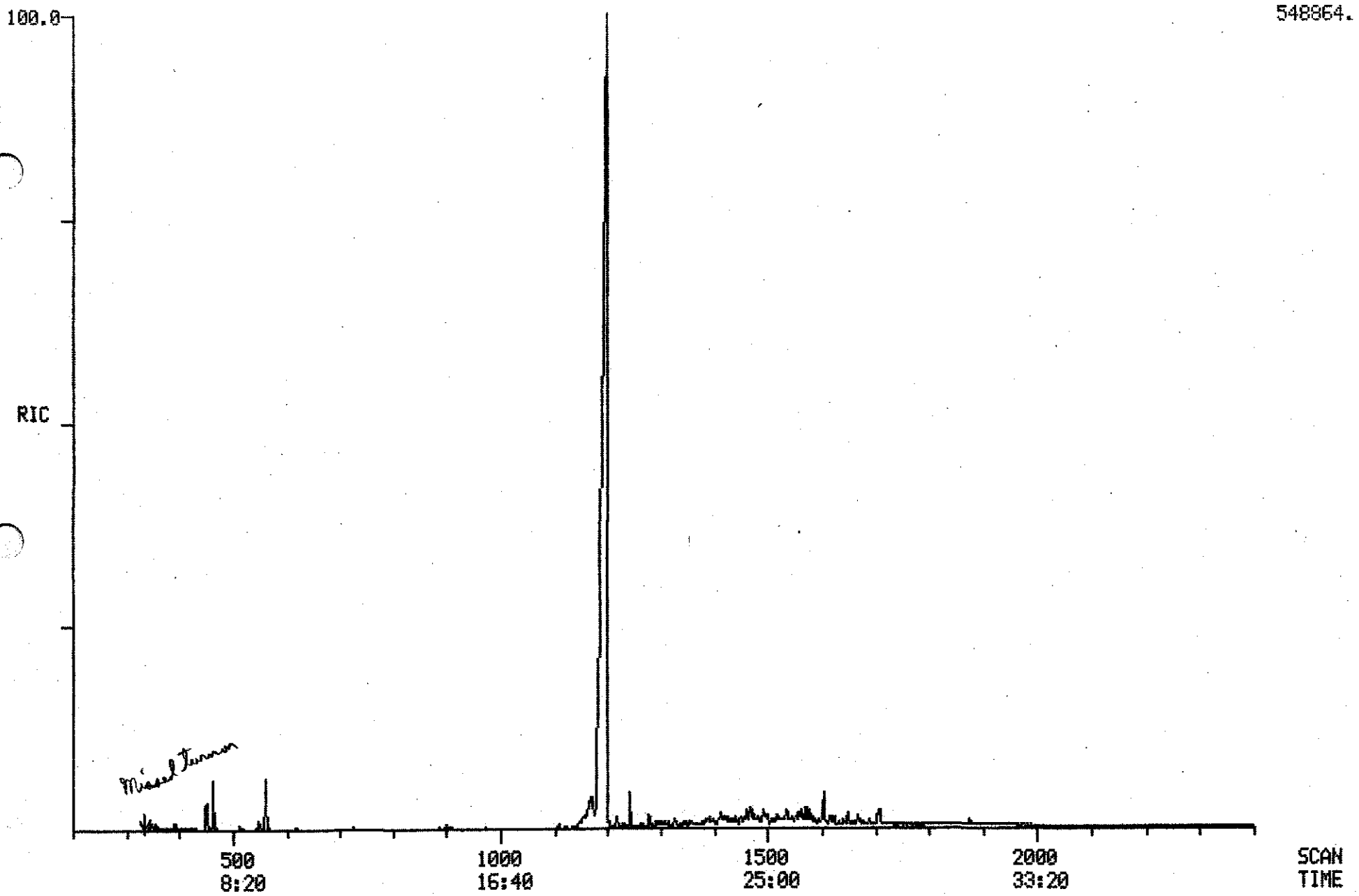
VOLATILE COMPOUNDS

acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.
State Chemist

RIC DATA: 723825ABN #1 SCANS 200 TO 2400
09/11/86 17:15:00 CALI: 723824ABN #2
SAMPLE: BPC, VICKSBURG CHEMICAL,VC-15, 1G TO 1 ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:59:40
DATA FILE: 723825ABN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	3	875	28	5	1	769	RTABN1/ABN1
4	4	2	457	41	10	4	387	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 13 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	340	347	7	1	998	.	98	346	-1	1
2	AB	55	-459	454	451	-3	1	985	.	82	451	.	1
3	AB	56	-577	571	562	-9	1	997	.	136	562	.	1
4	AB	57	-905	896	900	4	3	997	.	187	900	.	1
5	AB	2	-349	343	.	.	.	.	.	93	.	.	.
6	AB	3	-379	373	.	.	.	.	.	146	.	.	.
7	AB	4	-385	379	.	.	.	.	.	146	.	.	.
8	AB	5	-409	403	.	.	.	.	.	146	.	.	.
9	AB	6	-418	412	.	.	.	.	.	45	.	.	.
10	AB	7	-453	446	.	.	.	.	.	117	.	.	.
11	AB	8	-437	431	.	.	.	.	.	70	.	.	.
12	AB	9	-462	455	.	.	.	.	.	77	.	.	.
13	AB	10	-496	489	.	.	.	.	.	82	.	.	.
14	AB	11	-528	521	.	.	.	.	.	93	.	.	.
15	AB	12	-569	562	.	.	.	.	.	180	.	.	.
16	AB	13	-580	573	.	.	.	.	.	128	.	.	.
17	AB	14	-609	601	.	.	.	.	.	225	.	.	.
18	AB	15	-740	732	.	.	.	.	.	237	.	.	.
19	AB	40	-335	329	.	.	.	.	.	94	.	.	.
20	AB	41	-361	355	.	.	.	.	.	128	.	.	.
21	AB	42	-510	503	.	.	.	.	.	139	.	.	.
22	AB	43	-511	504	.	.	.	.	.	122	.	.	.
23	AB	44	-546	539	.	.	.	.	.	162	.	.	.
24	AB	45	-668	660	.	.	.	.	.	107	.	.	.
25	AB	51	-328	322	.	.	.	.	.	111	.	.	.
26	AB	52	-317	311	.	.	.	.	.	184	.	.	.
27	AB	53	-475	468	464	-4	1	996	.	334	464	.	1
28	AB	59	-580	573	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1185	1183	-2	2	992	.	188	1183	.	1
30	AB	58	-1712	1706	1706	.	1	992	.	240	1705	-1	1
31	AB	16	-787	776	.	.	.	.	.	162	.	.	.
32	AB	17	-850	839	.	.	.	.	.	163	.	.	.
33	AB	18	-867	856	.	.	.	.	.	152	.	.	.
34	AB	19	-862	851	.	.	.	.	.	165	.	.	.
35	AB	20	-903	892	.	.	.	.	.	154	.	.	.
36	AB	21	-937	926	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	989	.	.	.	.	.	166	.	.	.
38	AB	23	-987	976	972	-4	1	961	.	149	972	.	1
39	AB	24	-1000	989	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1012	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1020	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1084	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1114	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1487	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1178	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1187	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1298	1294	-4	1	997	.	149	1294	.	1
48	AB	33	-1425	1416	1418	2	1	981	.	202	1418	.	1

49	AB	34	-1487	1480	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1595	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1699	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1708	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1712	1709	-3	1	970	.	149	1709	.	1
54	AB	39	-1834	1826	.	.	.	.	.	149	.	.	.
55	AB	46	-750	738	.	.	.	.	.	196	.	.	.
56	AB	47	-917	906	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1004	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1146	.	.	.	.	.	266	.	.	.
59	AB	50	-905	894	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1905	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1910	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1971	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2255	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2254	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2333	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1170	1171	1	2	996	.	211	1171	.	1
67	AB	67	-1122	1112	1116	4	2	656	.	200	.	.	.

Quantitation Report File: 723825ABN

Data: 723825ABN.TI
09/11/86 17:15:00
Sample: BPC, VICKSBURG CHEMICAL, VC-15, 1G TO 1 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole .RL

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	346	5:46	3	0.616	A BB	7202.	11.993	NG	6.19
2	82	451	7:31	3	0.802	A BB	20530.	25.004	NG	12.91
3	136	562	9:22	3	1.000	A BB	54903.	25.000	NG	12.91
4	187	900	15:00	29	0.761	A BV	3868.	24.258	NG	12.52
5	NOT	FOUND								
6	NOT	FOUND								
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	NOT	FOUND								
11	NOT	FOUND								
12	NOT	FOUND								
13	NOT	FOUND								
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	NOT	FOUND								
26	NOT	FOUND								
27	334	464	7:44	3	0.826	A BB	27142.	51.953	NG/UL	26.82
28	NOT	FOUND								
29	188	1183	19:43	29	1.000	A BV	31821.	25.000	NG/UL	12.91
30	240	1705	28:25	30	1.000	A BB	9698.	25.000	NG	12.91
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	149	972	16:12	29	0.822	A BB	1381.	1.370	NG/UL	0.71
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								
43	NOT	FOUND								
44	NOT	FOUND								
45	NOT	FOUND								
46	NOT	FOUND								
47	149	1294	21:34	29	1.094	A BV	6226.	3.510	NG/UL	1.81
48	202	1418	23:38	30	0.832	A BB	683.	0.715	NG/UL	0.37
49	NOT	FOUND								
50	NOT	FOUND								

Quantitation Report File: 723825ABN

Data: 723825ABN. TI
09/11/86 17:15:00
Sample: BPC, VICKSBURG CHEMICAL, VC-15, 1G TO 1 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole . RL

MQL = 5 µg/1g = 5000 PPB

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4, 6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2, 4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A, H)ANTHRACENE
64	INDENO(1, 2, 3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4, 6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	149	1709	28:29	30	1.002	A BV	6899.	11.306 NG/UL	10.57
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1171	19:31	29	0.990	A VB	23713.	95.766 NG/UL	89.51
67	NOT FOUND								

96 µg/g

TCA FINISHED, 13 FOUND
FINISHED AT: 9/12/86 13:04:53

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1107

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 16
Requested By _____ Data To J. McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Soil	Total Metal Scan	Ice	9/3/86	220
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	40.1	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	170	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	27.8	mg/kg	LC	9/9/86
Selenium		(X)	1.27	mg/kg	LC	9/9/86
Barium		(X)	71.5	mg/kg	LC	9/10/86
Cadmium		(X)	3.00	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1107

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 16
Requested By _____ Data To J. McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By NSR,JBM,MLB
Where Taken Northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Soil	Total Metal Scan	Ice	9/3/86	220
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	40.1	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	170	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	27.8	mg/kg	LC	9/9/86
Selenium		(X)	1.27	mg/kg	LC	9/9/86
Barium		(X)	71.5	mg/kg	LC	9/10/86
Cadmium		(X)	3.00	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1167

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 16
Requested By _____ Data To J. McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Soil	Total Metal Scan	Ice	9/3/86	220
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	40.1	mg/kg	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	170	mg/kg	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	27.8	mg/kg	LC	9/9/86
Selenium		(X)	1.27	mg/kg	LC	9/9/86
Barium		(X)	71.5	mg/kg	LC	9/10/86
Cadmium		(X)	3.00	mg/kg	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9-4-86
Sample Point Identification VC16
Requested By _____ Data To J. McCord
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and Cloudy Collected By MSR- JBM- MLB
Where Taken Northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Soil	Total Metal Scan	ICE	9-3-86	2:20 pm
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle (X) Other ( )

V. LABORATORY: Received By [signature] Date 9-4-86 Time 1639
Recorded By [signature] Date Sent to State Office 9-12-86

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	(X)	40.1 mg/1 Kg	LC	9-12-86
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	(X)	170 mg/1 Kg	LC	9-9-86
Cyanide	(000722)	( )	mg/1		
Arsenic		(X)	27.8 mg/Kg	LC	9-9-86
Selenium		(X)	1.27 mg/Kg	LC	9-9-86
Barium		(X)	71.5 mg/Kg	LC	9-10-86
Cadmium		(X)	3.00 mg/Kg	LC	9-12-86
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks 7 day Turn around

*Date of Test Initiation

1107

MISSISSIPPI STATE CHEMICAL LABORATORY
PRIORITY POLLUTANT DATA SHEET

MSCL ANALYSIS NO. 723,821 **MARKED** VC-17

ANALYSIS OF Water

ACID COMPOUNDS MQL = 50

	ND*	µg/l or µg/kg
2,4,6-trichlorophenol		
p-chloro-m-cresol		
2-chlorophenol		
2,4-dichlorophenol		
2,4-dimethylphenol		
2-nitrophenol		
4-nitrophenol		
2,4-dinitrophenol		
4,6-dinitro-2-methylphenol		
pentachlorophenol		
phenol		
DNBP		30,000

BASE/NEUTRAL COMPOUNDS

	ND	µg/l or µg/kg
benzo(a)pyrene		
benzo(b)fluoranthene		
benzo(k)fluoranthene		
chrysene		
acenaphthylene		
anthracene		
benzo(ghi)perylene		
fluorene		
phenanthrene		
dibenzo(a,h)anthracene		
indeno(1,2,3-cd)pyrene		
pyrene		
Atrazine		10

BASE/NEUTRAL COMPOUNDS MQL = 10

acenaphthene		
benzidine		
1,2,4-tichlorobenzene		
hexachlorobenzene		
hexachloroethane		
bis(2-chloroethyl)ether		
2-chloronaphthalene		
1,2-dichlorobenzene		
1,3-dichlorobenzene		
1,4-dichlorobenzene		
3,3-dichlorobenzidine		
2,4-dinitrotoluene		
2,6-dinitrotoluene		
1,2-diphenylhydrazine		
fluoranthene		
4-chlorophenyl phenyl ether		
4-bromophenyl phenyl ether		
bis(2-chloroisopropyl)ether		
bis(2-chloroethoxy)methane		
hexachlorobutadiene		
hexachlorocyclopentadiene		
isophorone		
naphthalene		
nitrobenzene		
N-nitrosodiphenylamine		
N-nitrosodipropylamine		
bis(2-ethylhexyl)phthalate		
benzyl butyl phthalate		
di-n-butyl phthalate		
di-n-octyl phthalate		
diethyl phthalate		
dimethyl phthalate		
benzo(a)anthracene		

VOLATILE COMPOUNDS

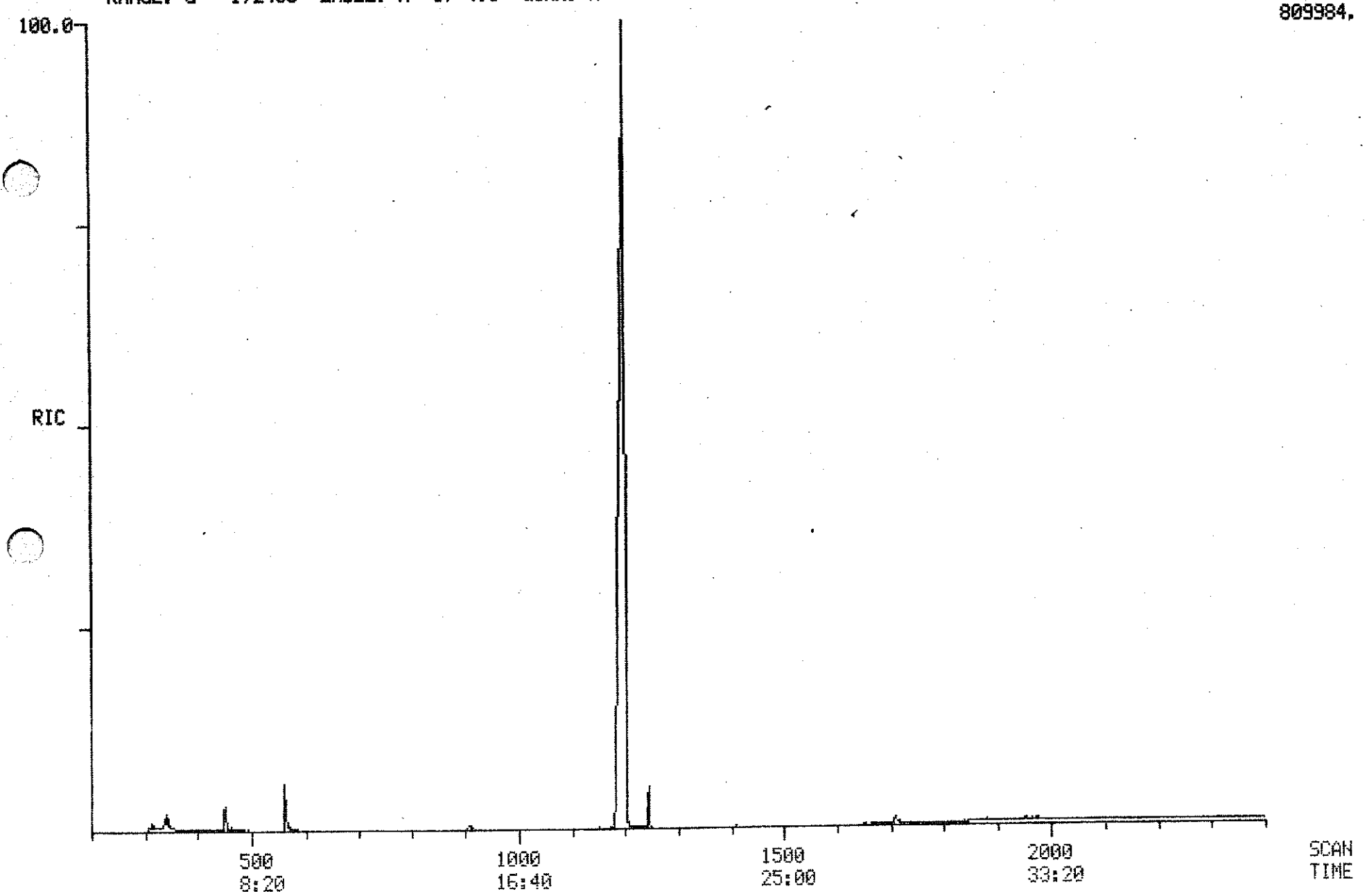
acrolein		
acrylonitrile		
benzene		
carbon tetrachloride		
chlorobenzene		
1,2-dichloroethane		
1,1,1-trichloroethane		
1,1-dichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
chloroethane		
2-chloroethylvinyl ether		
chloroform		
1,1-dichloroethene		
trans-1,2-dichloroethene		
1,2-dichloropropane		
trans-1,3-dichloropropene		
cis-1,3-dichloropropene		
ethylbenzene		
methylene chloride		
chloromethane		
bromomethane		
bromoform		
bromodichloromethane		
fluorotrichloromethane		
dichlorodifluoromethane		
chlorodibromomethane		
tetrachloroethene		
toluene		
trichloroethene		
vinyl chloride		
o-xylene		

ND* = None Detected

James P. Minyard, Jr.

State Chemist

RIC DATA: 723821A #1 SCANS 200 TO 2400
09/11/86 15:18:00 CALI: 723820BN #2
SAMPLE: BPC,VICKSBURG CHEMICAL,VC-17,ACID FRACTION, 500ML TO 5 ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:25:27
DATA FILE: 723821A
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	4	666	28	6	4	583	RTABN1/ABN1
4	4	2	771	41	7	2	645	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><						------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	334	337	3	2	995	.	98	337	.	1
2	AB	55	-459	450	452	2	1	990	.	82	452	.	1
3	AB	56	-577	570	562	-8	2	998	.	136	562	.	1
4	AB	57	-905	903	906	3	1	992	.	187	906	.	1
5	AB	2	-349	341	.	.	.	.	.	93	.	.	.
6	AB	3	-379	371	.	.	.	.	.	146	.	.	.
7	AB	4	-385	377	.	.	.	.	.	146	.	.	.
8	AB	5	-409	401	.	.	.	.	.	146	.	.	.
9	AB	6	-418	410	.	.	.	.	.	45	.	.	.
10	AB	7	-453	446	.	.	.	.	.	117	.	.	.
11	AB	8	-437	430	.	.	.	.	.	70	.	.	.
12	AB	9	-462	455	.	.	.	.	.	77	.	.	.
13	AB	10	-496	489	.	.	.	.	.	82	.	.	.
14	AB	11	-528	521	.	.	.	.	.	93	.	.	.
15	AB	12	-569	563	.	.	.	.	.	180	.	.	.
16	AB	13	-580	574	.	.	.	.	.	128	.	.	.
17	AB	14	-609	603	.	.	.	.	.	225	.	.	.
18	AB	15	-740	735	.	.	.	.	.	237	.	.	.
19	AB	40	-335	327	.	.	.	.	.	94	.	.	.
20	AB	41	-361	353	.	.	.	.	.	128	.	.	.
21	AB	42	-510	503	.	.	.	.	.	139	.	.	.
22	AB	43	-511	504	.	.	.	.	.	122	.	.	.
23	AB	44	-546	539	.	.	.	.	.	162	.	.	.
24	AB	45	-668	662	.	.	.	.	.	107	.	.	.
25	AB	51	-328	320	.	.	.	.	.	111	.	.	.
26	AB	52	-317	308	314	6	4	1000	.	184	314	.	1
27	AB	53	-475	468	465	-3	1	997	.	334	465	.	1
28	AB	59	-580	574	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1188	1184	-4	2	995	.	188	1184	.	1
30	AB	58	-1712	1710	1710	.	1	993	.	240	1709	-1	1
31	AB	16	-787	780	.	.	.	.	.	162	.	.	.
32	AB	17	-850	844	.	.	.	.	.	163	.	.	.
33	AB	18	-867	861	.	.	.	.	.	152	.	.	.
34	AB	19	-862	856	.	.	.	.	.	165	.	.	.
35	AB	20	-903	897	.	.	.	.	.	154	.	.	.
36	AB	21	-937	931	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	994	.	.	.	.	.	166	.	.	.
38	AB	23	-987	981	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	994	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1017	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1025	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1089	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1119	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1493	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1183	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1192	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1304	.	.	.	.	.	149	.	.	.
48	AB	33	-1425	1421	.	.	.	.	.	202	.	.	.

49	AB	34	-1469	1466	.	.	.	.	.	202	.	.	.
50	AB	35	-1603	1600	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1705	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1714	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1718	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1833	.	.	.	.	.	149	.	.	.
55	AB	46	-750	743	.	.	.	.	.	196	.	.	.
56	AB	47	-917	911	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1009	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1151	.	.	.	.	.	266	.	.	.
59	AB	50	-905	899	907	8	1	996	.	184	.	.	.
60	AB	60	-1912	1911	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1916	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1977	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2262	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2261	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2340	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1175	1172	-3	1	995	.	211	.	.	.
67	AB	67	-1122	1117	1117	.	2	665	.	200	.	.	.

Quantitation Report File: 723821A

Data: 723821A.TI
09/11/86 15:18:00
Sample: BPC,VICKSBURG CHEMICAL,VC-17,ACID FRACTION, 500ML TO 5 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

MQL=
5 µg/ml x 5 ml ÷ 0.5 L = 50

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	337	5:37	3	0.600	A BV	9281.	9.518	NG	6.78
2	82	452	7:32	3	0.804	A BB	32597.	24.450	NG	17.41
3	136	562	9:22	3	1.000	A BB	89150.	25.000	NG	17.80
4	187	906	15:06	29	0.765	A BB	5776.	21.353	NG	15.21
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	184	314	5:14	3	0.559	A BV	4931.	7.353	NG/UL	5.24 35
27	334	465	7:45	3	0.827	A BB	2383.	2.809	NG/UL	2.00 14
28	NOT FOUND									
29	188	1184	19:44	29	1.000	A BV	53983.	25.000	NG/UL	17.80
30	240	1709	28:29	30	1.000	A BB	12989.	25.000	NG	17.80
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

Quantitation Report File: 723821A

Data: 723821A.TI
09/11/86 15:18:00
Sample: BPC,VICKSBURG CHEMICAL,VC-17,ACID FRACTION, 500ML TO 5 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

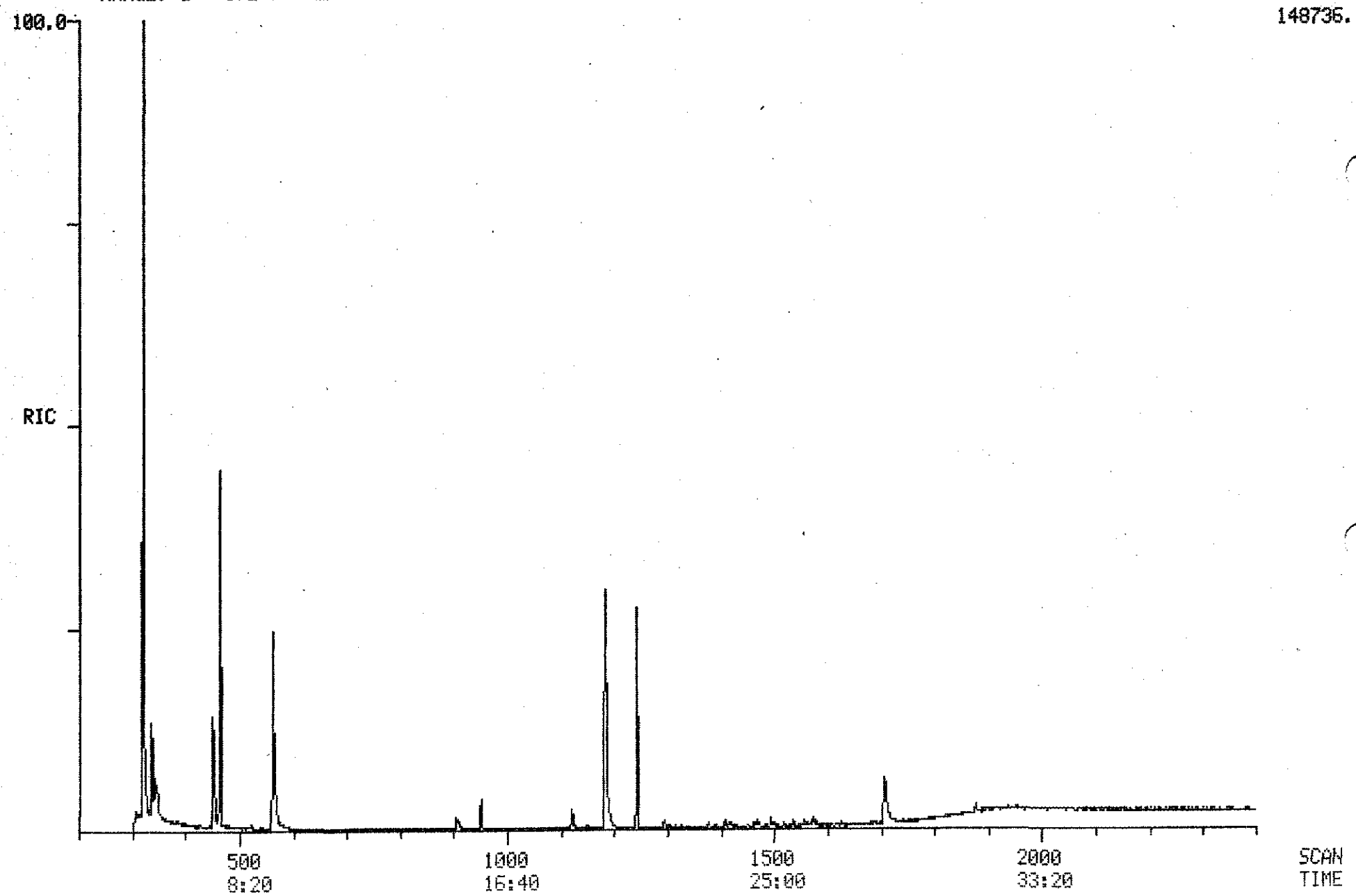
No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	~~NOT FOUND~~	2960 x ~~500~~ 5ml ÷ 500ml = 300 µg/ml							
67	NOT FOUND								

TCA FINISHED, 11 FOUND
FINISHED AT: 9/12/86 12:30:39

RIC
09/11/86 16:12:00

DATA: 723821BN #1 SCANS 200 TO 2400
CALI: 25401ABN25 #2

SAMPLE: BPC, VICKSBURG CHEMICAL, VC-17,B/N FRACTION,500ML TO 1 ML
CONDS.: DESC 1M(35,1,80,85,8,320,12)1250V EM
RANGE: G 1,2400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



PROCEDURE: TCA DIAGNOSTIC REPORT 9/12/86 12:32:20
DATA FILE: 723821BN
REFERENCE: ABN11
NAME LIST: ABN INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: RTABN1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
4	4	2	606	28	6	1	465	RTABN1/ABN1
4	4	1	773	41	7	1	768	RTABN2/ABN2

67 COMPOUNDS PROCESSED, 11 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >						< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	AB	54	-344	333	336	3	2	996	.	98	336	.	1
2	AB	55	-459	450	451	1	1	986	.	82	451	.	1
3	AB	56	-577	569	562	-7	1	996	.	136	562	.	1
4	AB	57	-905	902	905	3	1	994	.	187	905	.	1
5	AB	2	-349	339	.	.	.	.	.	93	.	.	.
6	AB	3	-379	369	.	.	.	.	.	146	.	.	.
7	AB	4	-385	375	.	.	.	.	.	146	.	.	.
8	AB	5	-409	399	.	.	.	.	.	146	.	.	.
9	AB	6	-418	408	.	.	.	.	.	45	.	.	.
10	AB	7	-453	444	.	.	.	.	.	117	.	.	.
11	AB	8	-437	428	.	.	.	.	.	70	.	.	.
12	AB	9	-462	453	.	.	.	.	.	77	.	.	.
13	AB	10	-496	487	.	.	.	.	.	82	.	.	.
14	AB	11	-528	520	.	.	.	.	.	93	.	.	.
15	AB	12	-569	561	.	.	.	.	.	180	.	.	.
16	AB	13	-580	572	.	.	.	.	.	128	.	.	.
17	AB	14	-609	602	.	.	.	.	.	225	.	.	.
18	AB	15	-740	734	.	.	.	.	.	237	.	.	.
19	AB	40	-335	324	.	.	.	.	.	94	.	.	.
20	AB	41	-361	351	.	.	.	.	.	128	.	.	.
21	AB	42	-510	502	.	.	.	.	.	139	.	.	.
22	AB	43	-511	503	.	.	.	.	.	122	.	.	.
23	AB	44	-546	538	.	.	.	.	.	162	.	.	.
24	AB	45	-668	662	.	.	.	.	.	107	.	.	.
25	AB	51	-328	317	320	3	1	1000	.	111	320	.	1
26	AB	52	-317	306	.	.	.	.	.	184	.	.	.
27	AB	53	-475	466	464	-2	1	998	.	334	464	.	1
28	AB	59	-580	572	.	.	.	.	.	127	.	.	.
29	AB	1	-1194	1187	1182	-5	1	986	.	188	1182	.	1
30	AB	58	-1712	1708	1708	.	1	987	.	240	1708	.	1
31	AB	16	-787	779	.	.	.	.	.	162	.	.	.
32	AB	17	-850	843	.	.	.	.	.	163	.	.	.
33	AB	18	-867	860	.	.	.	.	.	152	.	.	.
34	AB	19	-862	855	.	.	.	.	.	165	.	.	.
35	AB	20	-903	896	.	.	.	.	.	154	.	.	.
36	AB	21	-937	930	.	.	.	.	.	165	.	.	.
37	AB	22	-1000	993	.	.	.	.	.	166	.	.	.
38	AB	23	-987	980	.	.	.	.	.	149	.	.	.
39	AB	24	-1000	993	.	.	.	.	.	204	.	.	.
40	AB	25	-1023	1016	.	.	.	.	.	169	.	.	.
41	AB	26	-1031	1024	.	.	.	.	.	77	.	.	.
42	AB	27	-1094	1088	.	.	.	.	.	248	.	.	.
43	AB	28	-1124	1118	.	.	.	.	.	284	.	.	.
44	AB	29	-1496	1492	.	.	.	.	.	184	.	.	.
45	AB	30	-1188	1182	.	.	.	.	.	178	.	.	.
46	AB	31	-1197	1191	.	.	.	.	.	178	.	.	.
47	AB	32	-1308	1303	1295	-8	1	968	.	149	1295	.	1
48	AB	33	-1425	1420	.	.	.	.	.	205	.	.	.

49	AB	34	-1469	1465	.	.	.	.	.	202	.	.	.	.
50	AB	35	-1603	1599	.	.	.	.	.	149	.	.	.	.
51	AB	36	-1707	1704	.	.	.	.	.	228	.	.	.	.
52	AB	37	-1716	1713	.	.	.	.	.	228	.	.	.	.
53	AB	38	-1720	1717	.	.	.	.	.	149	.	.	.	.
54	AB	39	-1834	1831	.	.	.	.	.	149	.	.	.	.
55	AB	46	-750	742	.	.	.	.	.	196	.	.	.	.
56	AB	47	-917	910	.	.	.	.	.	139	.	.	.	.
57	AB	48	-1015	1008	.	.	.	.	.	198	.	.	.	.
58	AB	49	-1156	1150	.	.	.	.	.	266	.	.	.	.
59	AB	50	-905	898	.	.	.	.	.	184	.	.	.	.
60	AB	60	-1912	1910	.	.	.	.	.	252	.	.	.	.
61	AB	61	-1917	1915	.	.	.	.	.	252	.	.	.	.
62	AB	62	-1978	1976	.	.	.	.	.	252	.	.	.	.
63	AB	63	-2261	2260	.	.	.	.	.	278	.	.	.	.
64	AB	64	-2260	2259	.	.	.	.	.	276	.	.	.	.
65	AB	65	-2339	2339	.	.	.	.	.	276	.	.	.	.
66	AB	66	-1180	1174	1183	9	1	993	.	211	1183	.	1
67	AB	67	-1122	1116	1121	5	1	996	.	200	1121	.	1

50	AB	35	-1603	1599	.	.	.	.	.	149	.	.	.
51	AB	36	-1707	1704	.	.	.	.	.	228	.	.	.
52	AB	37	-1716	1713	.	.	.	.	.	228	.	.	.
53	AB	38	-1720	1717	.	.	.	.	.	149	.	.	.
54	AB	39	-1834	1831	.	.	.	.	.	149	.	.	.
55	AB	46	-750	742	.	.	.	.	.	196	.	.	.
56	AB	47	-917	910	.	.	.	.	.	139	.	.	.
57	AB	48	-1015	1008	.	.	.	.	.	198	.	.	.
58	AB	49	-1156	1150	.	.	.	.	.	266	.	.	.
59	AB	50	-905	898	.	.	.	.	.	184	.	.	.
60	AB	60	-1912	1910	.	.	.	.	.	252	.	.	.
61	AB	61	-1917	1915	.	.	.	.	.	252	.	.	.
62	AB	62	-1978	1976	.	.	.	.	.	252	.	.	.
63	AB	63	-2261	2260	.	.	.	.	.	278	.	.	.
64	AB	64	-2260	2259	.	.	.	.	.	276	.	.	.
65	AB	65	-2339	2339	.	.	.	.	.	276	.	.	.
66	AB	66	-1180	1174	1183	9	1	993	.	211	1183	.	1
67	AB	67	-1122	1116	1121	5	1	996	.	200	1121	.	1

Quantitation Report Fi 723821BN

Data: 723821BN. TI
09/11/86 16:12:00
Sample: BPC, VICKSBURG CHEMICAL, VC-17, B/N FRACTION, 500ML TO 1 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF. AMNT/(REF. AREA)* RESP. FACT)
Resp. fac. from average of whole . RL

MQL = 5µg/ml ÷ 0.5l
= 10 µg/l

NO	NAME
1	D-5 ANILINE(COL PERFORMANCE STD
2	D-5 NITROBENZENE(COL PERFORMANCE STD)
3	D-8 NAPHTHALENE
4	D-3 2,4-DINITROPHENOL
5	BIS(2-CHLOROETHYL)ETHER
6	M-DICHLOROBENZENE
7	P-DICLOROBENZENE
8	O-DICLOROBENZENE
9	BIS(2-CHLORO ISOPROPYL)ETHER
10	HEXACHLOROETHANE
11	N-NITROSODIPROPYLAMINE
12	NITROBENZENE
13	ISOPHORONE
14	BIS(2-CHLOROETHOXY) METHANE
15	1,2,3-TRICHLOROBENZENE
16	NAPHTHALENE
17	HEXACHLOROBUTADIENE
18	HEXACHLOROCYCLOPENTADIENE
19	PHENOL
20	2-CHLORO PHENOL
21	2-NITRO-PHENOL
22	2-4-DIMETHYLPHENOL
23	2-4-DICHLORO-PHENOL
24	4-CHLORO-3-METHYL-PHENOL
25	O-FLUOROANILINE(SURROGATE STANDARD)
26	PENTAFLUOROPHENOL(SURROGATE STANDARD)
27	DECAFLUOROBIPHENYL
28	NAPHTHALENE
29	D-10 ANTHRACENE(INTERNAL STANDARD)
30	D-12 CHRYSENE(RETENTION STD)
31	2-CHLORONAPHTHALENE
32	DIMETHYLPHTHALATE
33	ACENAPHTHYLENE
34	2,6-DINITROTOULENE
35	ACENAPHTHENE
36	2,4-DINITROTOLUENE
37	FLUORENE
38	DIETHYLPHTHALATE
39	4-CHLOROPHENYL PHENYL ETHER
40	N-NITROSO DIPHENYL AMINE(DIPHENYL AMINE)
41	1,2 DIPHENYL HYDRAZINE(DIPHENYL DIAZENE)
42	4-BROMOPHENYL PHENYL ETHER
43	HEXACHLOROBENZENE
44	BENZIDENE
45	PHENANTHRENE
46	ANTHRACENE
47	DI-N-BUTYL PHTHALATE
48	FLUOROANTHENE
49	PYRENE
50	BUTYL BENZYL PHTHALATE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	98	336	5:36	3	0.598	A BV	17241.	21.170	NG	7.17
2	82	451	7:31	3	0.802	A BV	26976.	24.227	NG	8.21
3	136	562	9:22	3	1.000	A BB	74456.	25.000	NG	8.47
4	187	905	15:05	29	0.766	A BB	2811.	10.870	NG	3.68
5	NOT FOUND									
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	NOT FOUND									
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	111	320	5:20	3	0.569	A BB	113812.	89.100	NG/UL	30.20
26	NOT FOUND									
27	334	464	7:44	3	0.826	A BV	52027.	73.433	NG/UL	24.89
28	NOT FOUND									
29	188	1182	19:42	29	1.000	A BB	51608.	25.000	NG/UL	8.47
30	240	1708	28:28	30	1.000	A BB	14934.	25.000	NG	8.47
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	149	1295	21:35	29	1.096	A BB	3847.	1.337	NG/UL	0.45
48	NOT FOUND									
49	NOT FOUND									
50	NOT FOUND									

Quantitation Report Fi 723821BN

Data: 723821BN.TI
09/11/86 16:12:00
Sample: BPC, VICKSBURG CHEMICAL, VC-17, B/N FRACTION, 500ML TO 1 ML
Submitted by: BPC Analyst: DOLLAR

AMOUNT=AREA * REF.AMNT/(REF.AREA)* RESP.FACT)
Resp. fac. from average of whole .RL

NO	NAME
51	BENZ(A)ANTHRACENE
52	CHRYSENE
53	BIS(ETHYL HEXYL) PHTHALATE
54	DI-N-OCTYL PHTHALATE
55	2-4-6-TRICHLORO-PHENOL
56	4-NITRO-PHENOL
57	2-METHYL-4,6-DINITRO-PHENOL
58	PENTACHLOROPHENOL
59	2,4-DINITROPHENOL
60	BENZ(B)FLUORANTHENE
61	BENZO(K)FLUORANTHENE
62	BENZO(A)PYRENE
63	DIBENZO(A,H)ANTHRACENE
64	INDENO(1,2,3-CD)PYRENE
65	BENZO(GHI)PERYLENE
66	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
67	ATRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	211	1183	19:43	29	1.001	A BB	14113.	35.144 NG/UL	88.07
67	200	1121	18:41	29	0.948	A BB	1844.	4.810 NG/UL	12.05 : 0.01

TCA FINISHED, 11 FOUND
FINISHED AT: 9/12/86 12:37:29

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1106

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 18
Requested By _____ Data To J.McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Sump northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals Scan	HNO_3 - Ice	9/3/86	238
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	(X)	< 0.03 mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	(X)	0.02 mg/l	LC	9/9/86
Cyanide	(000722)	( )	mg/l		
Arsenic		(X)	0.02 mg/l	LC	9/8/86
Selenium		(X)	< .003 mg/l	LC	9/8/86
Barium		(X)	0.05 mg/l	LC	9/10/86
Cadmium		(X)	0.01 mg/l	LC	9/12/86
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1108

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 18
Requested By _____ Data To J.McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSR,JBM,MLB
Where Taken Sump northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals Scan	HNO_3 - Ice	9/3/86	238
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	< 0.03	mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	0.02	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	0.02	mg/l	LC	9/8/86
Selenium		(X)	<.003	mg/l	LC	9/8/86
Barium		(X)	0.05	mg/l	LC	9/10/86
Cadmium		(X)	0.01	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. 1166

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9/4/86
Sample Point Identification VC 18
Requested By _____ Data To J.McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Warm and cloudy Collected By MSB,JBM,MLB
Where Taken Sump northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals Scan	HNO_3 - Ice	9/3/86	238
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Jackie Key Date 9/4/86 Time 1139
Recorded By Dorothy Lewis Date Sent to State Office 9/12/86

Analysis	Computer Code	Request	Result		Analyst	Date Measured
BOD_5	(000310)	( )		mg/l		*
COD	(000340)	( )		mg/l		
TOC	(000680)	( )		mg/l		
Suspended Solids	(099000)	( )		mg/l		
TKN	(000625)	( )		mg/l		
Ammonia-N	(000610)	( )		mg/l		
Fecal Coliform(1)	(074055)	( )		colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )		colonies/100 ml		*
Total Phosphorus	(000665)	( )		mg/l		
Oil and Grease(1)	(000550)	( )		mg/l		
Oil and Grease(2)	(000550)	( )		mg/l		
Chlorides	(099016)	( )		mg/l		
Phenol	(032730)	( )		mg/l		
Total Chromium	(001034)	(X)	<0.03	mg/l	LC	9/12/86
Hex. Chromium	(001032)	( )		mg/l		
Zinc	(001092)	( )		mg/l		
Copper	(001042)	( )		mg/l		
Lead	(017501)	(X)	0.02	mg/l	LC	9/9/86
Cyanide	(000722)	( )		mg/l		
Arsenic		(X)	0.02	mg/l	LC	9/8/86
Selenium		(X)	<.003	mg/l	LC	9/8/86
Barium		(X)	0.05	mg/l	LC	9/10/86
Cadmium		(X)	0.01	mg/l	LC	9/12/86
		( )				
		( )				
		( )				
		( )				
		( )				
		( )				

Remarks 7 day turn around

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name Vicksburg Chemical
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 9-4-86
Sample Point Identification VC18
Requested By _____ Data To J. McCord
Type of Sample: Grab ( ) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Warm + Cloudy Collected By MSR - JBM - MLB
Where Taken Sump Northwest of DNBP Plant

	Type	Parameters	Preservative	Date	Time
1.	Water	Total Metals Scan	HNO_3 - ICE	9-3-86	2:38 pm
2.		EP Toxic Scan			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) BO Vehicle ( ) Other ( )

V. LABORATORY: Received By Joseph Kay Date 9-4-86 Time 1639
Recorded By [illegible signature] Date Sent to State Office 9-12-86

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	(X)	<0.03 mg/l	LC	9-12-86
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	(X)	0.02 mg/l	LC	9-9-86
Cyanide	(000722)	( )	mg/l		
Arsenic		(X)	0.02 mg/l	LC	9-8-86
Selenium		(X)	<.003 mg/l	LC	9-8-86
Barium		(X)	0.05 mg/l	LC	9-10-86
Cadmium		(X)	0.01 mg/l	LC	9-12-86
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks 7 day turn around

*Date of Test Initiation

1106