



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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ORIGINAL
(24)

AR61

DATE : June 24, 1993
SUBJECT: Region III Data QA Review
FROM : Cynthia E. Caporale *Caporale*
Region III ESAT RPO (3ES30)
TO : Jerry Heston
Regional Project Manager (3HW32)

Attached is the organic data validation report for the Keystone Sanitation Site (Case 19797) completed by the Region III Environmental Services Assistance Team (ESAT) contractor under the direction of Region III ESD.

If you have any questions regarding this review, please call me at (410) 573-6832.

Attachment

cc: Adam Selisker, Weston
Regional CLP TPO: Stevie Willding Region: III Lab Code: [REDACTED]
TID File: 03930418 Task 3129

AR311084

EPA 084461

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ORIGINAL
(30)

DATE: June 22, 1993

SUBJECT: Organic Data Validation For Case 19797
Site: Keystone Sanitation

FROM: Hari Prasad ~~HP~~ Mahboobeh Mecanic ¹¹
Organic Data Reviewer Senior Oversight Chemist

TO: Cynthia E. Caporale
ESAT Regional Project Officer

THROUGH: Dale S. Boshart ¹¹
ESAT Team Manager

OVERVIEW

Case 19797 consisted of thirty-nine (39) aqueous samples submitted to [redacted] for volatile, semivolatile and pesticide/PCB analyses (low concentration, Method 10/92). The sample set consisted of two (2) SDGs - SDG SC7736 with twenty (20) and SDG SC7756 with nineteen (19) samples. Of these, SDG SC7736 included one (1) trip blank which was analyzed for volatiles only and two (2) field blanks. The samples were analyzed as a Contract Laboratory Program (CLP) Special Analytical Service (SAS).

SUMMARY

The samples were successfully analyzed for all target compounds except those given under major problems. All other instrument and method sensitivities were according to the Contract Laboratory Program (CLP) Special Analytical Service (SAS) protocol.

MAJOR PROBLEMS

- o Acetone, 2-butanone, 1,2-dibromo-3-chloropropane and 2-hexanone in the volatile and 3,3'-dichlorobenzidine in the semivolatile initial and/or continuing calibrations had RRF values less than 0.05. The quantitation limits for these compounds have been qualified "R" in the affected samples. The "L" qualifier for acetone in some samples has been superseded by the "B" qualifier. (See Table I in Appendix F.)
- o In the semivolatile analyses, samples SC7765 and SC7773 had the recovery for the acid surrogate phenol-d5 less than 10 %. Sample SC7773 on reanalysis gave a similar result.

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The quantitation limits of the acidic compounds in these samples have been qualified "R" on the data summary form. (See Table 2C in Appendix F.)

MINOR PROBLEMS

- o Several compounds failed precision criteria (%RSD > 30%, %D > 25%) in the volatile and semivolatile initial and/or continuing calibrations. The quantitation limits of the compounds in the affected samples where the precision criteria were grossly exceeded (> 50%) have been qualified "UJ". (See Table I in Appendix F.)
- o In the volatile analysis, sample SC7745 had all internal standard areas below the QC limits on initial analysis and reanalysis. The surrogate (BFB) recovery of this sample which was above the QC limit for initial analysis was within the range on reanalysis. The results for this sample from the reanalysis have been reported on the data summary form and its quantitation limits have been qualified "UJ" except for acetone and 2-butanone where it was superseded by "R". The "J" qualifier for the positive result for methylene chloride has been superseded by the "B" qualifier. (See Form VIII VOA and Form II VOA-1 in Appendix F.)
- o The initial analysis of volatile sample SC7774 had all the internal standard areas below the QC limits. The reanalysis of the sample had IS2 (chlorobenzene-d5) and IS3 (1,4-dichlorobenzene-d4) below the QC limits. The results for this sample from the reanalysis have been reported on the data summary form and the quantitation limits of the affected compounds have been qualified "UJ" unless superseded by the "R" qualifier. (See Form VIII VOA in Appendix F.)
- o The semivolatile analysis of sample SC7773 had the internal standard areas for IS5 (chrysene-d12) and IS6 (perylene-d12) below the QC limits. Reanalysis of the sample had IS6 below the QC limit. The results for this sample from the reanalysis have been reported on the data summary form and the quantitation limits of the affected compounds have been qualified "UJ". (See Form VIII SV-2 in Appendix F.)
- o On Form II PEST-1, the laboratory had incorrectly entered the lower QC limit for pesticide surrogate recovery as 30 % instead of 60 %. The pesticide/PCB analysis of samples SC7757, SC7759, SC7761, SC7762, SC7765-SC7767, SC7773 and SC7774 had the recoveries for the surrogate tetrachloro-m-xylene (TCX) on both columns below the QC limits. The quantitation limits for these samples have been qualified "UJ" on the data summary form. (See Form II PEST-1 in Appendix F.)

- o During the pesticide/PCB analyses of some samples, the percent difference (%D) between the results on two (2) columns for several compounds was greater than twenty-five percent (>25%). These compounds were qualified "P" on the Form Is and the reported results have been qualified "J" on the data summary form. (See Form 10A in Appendix F.)

NOTES

- o The laboratory has not included sample SC7747 in the case narrative among samples analyzed under SDG 7736. (See case narrative in Appendix F.)
- o On Form 5A for volatile instrument performance check, the laboratory has incorrectly entered the sample number as SC7774 instead of SC7774RE which has been corrected during validation. (See Form V VOA in Appendix F.)
- o Methylene chloride and acetone were detected in the volatile field blanks at maximum concentrations of 8 µg/L and 24 µg/L, respectively. These common laboratory contaminants were detected in the volatile samples at concentrations less than ten times (<10x) the blank concentration and have been qualified "B" on the data summary form.
- o In the volatile analysis of sample SC7746, acetone and methylene chloride were detected at concentrations exceeding the calibration range, possibly due to laboratory contamination. Reanalysis of the sample after 20-fold dilution did not have any positive result. The quantitation limits of these two (2) compounds from the reanalysis have been reported on the data summary form.
- o In the volatile laboratory control sample (LCS01) analyses for both SDGs, trans-1,3-dichloropropane and 2-hexanone which are not control compounds were detected. (See Forms IA and III LCBS in Appendix F.)
- o The volatile laboratory control sample (LCS01) analysis for SDG SC7736 had recovery for one (1) compound (vinyl chloride) above the QC limit. The semivolatile laboratory control (LCS01) analyses of SDGs SC7736 and SC7756 had recoveries for one (1) compound (4-chloroaniline) 7% and 0%, respectively. No data were qualified using these outliers. (See Form III LCBSs in Appendix F.)
- o The pesticide/PCB analysis of samples SC7758, SC7769-SC7772 and SC7775 had recovery for surrogate TCX on column RTX-35 and sample LCS on both columns below the QC limit. No data were qualified. (See Form II PEST-1 in Appendix F.)

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- o The pesticide/PCB laboratory control sample (LCS) analyses of SDGs SC7736 and SC7756 respectively had three (3) and eleven (11) out of fourteen (14) spike recoveries below the QC limits. No data were qualified using these outliers. (See Form III PEST-1 in Appendix F.)
- o Tentatively Identified Compounds (TICs) in Appendix D were reviewed and corrected during data validation. Compounds identified as blank contaminants were crossed off the TIC Form Is.

All data for case 19797 were reviewed in accordance with the Functional Guidelines for Evaluating Organic Analyses with Modifications for use within Region III. The text of this report addresses only those problems affecting usability.

Attachments

- 1) Appendix A - Glossary of Data Qualifiers
- 2) Appendix B - Data Summary. These include:
 - (a) All positive results for target compounds with qualifier codes where applicable.
 - (b) All unusable detection limits (qualified "R").
- 3) Appendix C - Results as reported by the Laboratory for all target compounds.
- 4) Appendix D - Reviewed and corrected Tentatively Identified Compounds.
- 5) Appendix E - Organic Regional Data Assessment Summary.
- 6) Appendix F - Support Documentation.

DCN: HP306A02.KEY

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TSC

Appendix A
Glossary of Data Qualifiers

AR311089

EPA 084466

76
3

GLOSSARY OF DATA QUALIFIER CODES (ORGANIC)

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification.

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unreliable result. Analyte may or may not be present in the sample. Supporting data necessary to confirm result.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits):

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = Not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

Q = No analytical result.

TABLE 2

GLOSSARY OF DATA QUALIFIER CODES (INORGANIC)

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of analytes):

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

(NO CODE) = Confirmed identification.

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unreliable result. Analyte may or may not be present in the sample. Supporting data necessary to confirm result.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits):

J = Analyte Present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

[] = Analyte present. As values approach the IDL the quantitation may not be accurate.

UJ = Not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

Q = No analytical result.

AR311091

EPA 098697

Appendix B
Data Summary Forms

AR311092

EPA 084467

DILUTION FACTOR	LOCATION	SAMPLING DATE	SCT736		SCT737		SCT738		SCT739		SCT740		SCT741		SCT742		SCT743		SCT744	
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			S01A	S02A	S03A	S04A	S05A	S06A	S07A	S08A	S09A									
		4/20/93	4/20/93	4/20/93	4/20/93	4/20/93	4/20/93	4/20/93	4/20/93	4/20/93	4/20/93	TRIP BLANK								
=====																				
1	Chloromethane																			
1	Bromomethane																			
1	Vinyl Chloride																			
1	Chloroethane																			
2	Methylene Chloride	2	4	B	3	B	8	B	1	B	3	B	3	B	3	B	2	B	2	B
5	Acetone		R	B		R	24	B		R										
1	Carbon Disulfide																			
1	1,1-Dichloroethene																			
1	1,1-Dichloroethane																			
1	Trans-1,2-Dichloroethene																			
1	Cis-1,2-Dichloroethene																			
1	Chloroform																			
1	1,2-Dichloroethane																			
5	2-Butanone		R	R		R		R		R										
1	1,1,1-Trichloroethane																			
1	Carbon Tetrachloride																			
1	Bromodichloromethane																			
1	Bromochloromethane																			
1	1,2-Dichloropropane																			
1	Cis-1,3-Dichloropropene																			
1	Trichloroethene																			
1	Dibromochloromethane																			
1	1,1,2-Trichloroethane																			
1	Benzene																			

CPOL = Contract Required Detection Limit

SEE NARRATIVE FOR CODE DEFINITION revised 07/91

WATER SAMPLES
(ug/L)

EPA 098699

AR311094

COMPOUND	Dilution Factor	Location	Sampling Date	SC7736	SC7737	SC7738	SC7739	SC7740	SC7741	SC7742	SC7743	SC7744
				1	1	1	1	1	1	1	1	
Trans-1,3-Dichloropropene		S01A	4/20/93									
Bromoform		S02A	4/20/93									
4-Methyl-2-pentanone		S03A	4/20/93									
2-Hexanone		S04A	4/20/93									
Tetrachloroethene		TRIP BLANK										
1,1,2,2-Tetrachloroethane		FIELD BLANK										
Toluene												
Chlorobenzene												
Ethylbenzene												
1,2-Dibromo-3-chloropropane					R							
Styrene												
Xylene (total)												
1,2-Dibromethane												
1,2-Dichlorobenzene												
1,4-Dichlorobenzene												
1,3-Dichlorobenzene												

LOL = Contract Required Quantitation Limit

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revised 07/90

DATA SUMMARY FOR VOLATILES 1

WATER SAMPLES
(ug/L)

EPA 098700

AR311095

COMPOUND	Sample No.	Dilution Factor(s)	Location	Sampling Date	SC7745RE		SC7746		SC7747		SC7748		SC7749		SC7750		SC7751		SC7752		SC7753	
					1	1/20	S10A	4/20/93	S11A	4/21/93	S12A	4/21/93	S13A	4/21/93	S14A	4/21/93	S15A	4/21/93	S16A	4/21/93	S17A	4/22/93
Chloromethane					UJ																	
Bromomethane					UJ																	
Vinyl Chloride					UJ																	
Chloroethane					UJ																	
Methylene Chloride					B	4	B	+	B	2	B	2	B	3	B	3	B	6	B	2	B	4
Acetone					R		R		R	40	R		R		R		R	24	R		R	
Carbon Disulfide					UJ																	
1,1-Dichloroethane					UJ																	
1,1-Dichloroethane					UJ								1									
Trans-1,2-Dichloroethane					UJ																	
Cis-1,2-Dichloroethane					UJ																	
Chloroform					UJ																	
1,2-Dichloroethane					UJ																	
2-Butanone					R		R		R		R		R		R		R		R		R	
1,1,1-Trichloroethane					UJ								1									
Carbon Tetrachloride					UJ																	
Bromodichloromethane					UJ																	
Bromochloromethane					UJ																	
1,2-Dichloropropane					UJ																	
Cis-1,3-Dichloropropene					UJ																	
Trichloroethene					UJ																	
Dibromochloromethane					UJ																	
1,1,2-Trichloroethane					UJ																	
Benzene					UJ																	

ROL = Contract Required Quantitation Limit + = Quant. Limit from diluted analysis SEE NARRATIVE FOR CODE DEFINITIONS revised 07/90

WATER SAMPLES

(ug/L)

960113R

Site Name: Keystone Sanitation
 Case No. 19797 SDG No. SCT736

EPA 098701

Dilution Factor(s)	Location	Sampling Date	Sample No.																								
			SCT745RE	SCT746	SCT747	SCT748	SCT749	SCT750	SCT751	SCT752	SCT753																
1	S10A	4/20/93	1/20	S11A	4/21/93	1	S12A	4/21/93	1	S13A	4/21/93	1	S14A	4/21/93	1	S15A	4/21/93	1	S16A	4/21/93	1	S17A	4/22/93	1	S01H	4/20/93	
FIELD BLANK																											
CRDL																											
COMPOUND																											
1	Trans-1,3-Dichloropropene																										
1	Bromoforn																										
5	4-Methyl-2-pentanone																										
5	2-Hexanone																										
1	Tetrachloroethene																										
1	1,1,2,2-Tetrachloroethane																										
1	Toluene																										
1	Chlorobenzene																										
1	Ethylbenzene																										
1	1,2-Dibromo-3-chloropropane																										
1	Styrene																										
1	Xylene (total)																										
1	1,2-Dibromoethane																										
1	1,2-Dichlorobenzene																										
1	1,4-Dichlorobenzene																										
1	1,3-Dichlorobenzene																										

CRDL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITION
 revised 07/5

WATER SAMPLES (ug/L)

Site Name: Keystone Sanitation

Case No. 19797 SDG No. SC7736

EPA 098702

AR311097

COMPOUND	Sample No.	Dilution Factor	SC7754		SC7755													
			Location	Sampling Date	Location	Sampling Date												
Chloroethane			S02M	4/20/93	S03M	6/20/93												
Bromoethane																		
Vinyl Chloride																		
Chloroethane																		
Methylene Chloride	2																	
Acetone	5																	
Carbon Disulfide																		
1,1-Dichloroethene																		
1,1-Dichloroethane																		
Trans-1,2-Dichloroethene																		
Cis-1,2-Dichloroethene																		
Chloroform																		
1,2-Dichloroethane																		
2-Bromoethane	5																	
1,1,1-Trichloroethane																		
Carbon Tetrachloride																		
Bromodichloroethane																		
Bromochloroethane																		
1,2-Dichloropropane																		
Cis-1,3-Dichloropropene																		
Trichloroethene																		
Dibromochloroethane																		
1,1,2-Trichloroethane																		
Benzene																		

CRQL = Contract Required Detection Limit SEE NARRATIVE FOR CODE DEFINITION revised 07

Site Name: Keystone Sanitation

Case No. 19797 SDG No. SC7736

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(11/1)

EPA 098709

AR311098

Sample No.	Dilution Factor	Location	Sampling Date	SC7736	SC7735
1	1	SD2M	4/20/93		
5	1	SD5M	4/20/93		
COMPOUNDS					
1		trans-1,3-Dichloropropene			
1		Bromoform			
5		4-Methyl-2-pentanone			
5		2-Hexanone			
1		Tetrachloroethene			
1		1,1,2,2-Tetrachloroethane			
1		Toluene			
1		Chlorobenzene			
1		Ethylbenzene			
1		1,2-Dibromo-3-chloropropane			
1		Styrene			
1		Xylene (total)			
1		1,2-Dibromoethane			
1		1,2-Dichlorobenzene			
1		1,4-Dichlorobenzene			
1		1,3-Dichlorobenzene			

CROL = Contract Required Quantitation Limit

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Sample No.	Dilution Factor	Location	Sampling Date	SC7756	SC7757	SC7758	SC7759	SC7760	SC7761	SC7762	SC7763	SC7764
1	1	S04M	4/20/93									
1	1	S05M	4/20/93									
1	1	S06M	4/20/93									
1	1	S07M	4/20/93									
1	1	S08M	4/20/93									
1	1	S09M	4/20/93									
1	1	S10M	4/21/93									
1	1	S11M	4/21/93									
=====												
1		Chloroethane										
1		Bromoethane										
1		Vinyl Chloride										
1		Chloroethane										
2	5	Methylene Chloride		U	7	5	4	7	4		5	3
5		Acetone		R	R	R	R	R	R		R	R
1		Carbon Disulfide										
1		1,1-Dichloroethene										
1		1,1-Dichloroethane										
1		Trans-1,2-Dichloroethene										
1		Cis-1,2-Dichloroethene										
1		Chloroform			1							
1		1,2-Dichloroethane										
5		2-Butanone		R	R	R	R	R	R		R	R
1		1,1,1-Trichloroethane										
1		Carbon Tetrachloride										
1		Bromochloroethane										
1		Bromochloroethane										
1		1,2-Dichloropropane										
1		Cis-1,3-Dichloropropene										
1		Trichloroethene										
1		Dibromochloroethane										
1		1,1,2-Trichloroethane										
1		Benzene										

CRCL = Contract Required Detection Limit

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WATER SAMPLES
(ug/l)

Site Name: Keystone Sanitation
Case No. 19797 SDG No. SCT7736

COMPOUND	Dilution Factor	Sample No.													
		SCT7756	SCT7757	SCT7758	SCT7759	SCT7760	SCT7761	SCT7762	SCT7763	SCT7764					
Trans-1,3-Dichloropropene	1														
Bromoform	1														
4-Methyl-2-pentanone	1														
2-Hexanone	1														
Tetrachloroethene	1														
1,1,2,2-Tetrachloroethane	1														
Toluene	1														
Chlorobenzene	1														
Ethylbenzene	1														
1,2-Dichloro-3-chloropropane	1			R											
Styrene	1														
Xylene (total)	1														
1,2-Dibromoethane	1														
1,2-Dichlorobenzene	1														
1,4-Dichlorobenzene	1														
1,3-Dichlorobenzene	1														

CROL = Contract Required Quantitation Limit

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EBA 098785
AR 311100

WATER SAMPLES (ug/L)

ROL	COMPOUND	Sample No.	Dilution Factor	Location	Sampling Date	Sample No.	Dilution Factor	Location	Sampling Date	Sample No.	Dilution Factor	Location	Sampling Date	Sample No.	Dilution Factor	Location	Sampling Date	Sample No.	Dilution Factor	Location	Sampling Date																								
		SC7765	1	S12H	4/21/93	SC7766	1	S13H	4/21/93	SC7767	1	S14H	4/21/93	SC7768	1	S15H	4/21/93	SC7769	1	S16H	4/21/93	SC7770	1	S17H	4/21/93	SC7772	1	S19H	4/22/93	SC7773	1	S20H	4/22/93	SC7774RE	1	S19A	4/22/93								
1	Chloroethane																																												
1	Bromomethane																																												
1	Vinyl Chloride																																												
1	Chloroethane																																												
2	Methylene Chloride					5	B	6	B	5	B	4	B	6	B	4	B	3	B	3	B																								
5	Acetone						R		R	13	B			13	B																														
1	Carbon Disulfide																																												
1	1,1-Dichloroethane																																												
1	1,1-Dichloroethane																																												
1	Trans-1,2-Dichloroethane																																												
1	Cis-1,2-Dichloroethane																																												
1	Chloroform																																												
1	1,2-Dichloroethane																																												
5	2-Butanone						R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R				
1	1,1,1-Trichloroethane																																												
1	Carbor Tetrachloride																																												
1	Bromochloromethane																																												
1	Bromochloromethane																																												
1	1,2-Dichloropropane																																												
1	Cis-1,3-Dichloropropene																																												
1	Trichloroethene																																												
1	Dibromochloromethane																																												
1	1,1,2-Trichloroethane																																												
1	Benzene																																												

ROL = Contract Required Detection Limit

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

WATER SAMPLES
(ug/L)

Sample No.	Dilution Factor	Location	Sampling Date	SC7765	SC7766	SC7767	SC7768	SC7769	SC7770	SC7772	SC7773	SC7774A
1	1	S12M	4/21/93									
5	1	S13M	4/21/93									
5	1	S14M	4/21/93									
5	1	S15M	4/21/93									
1	1	S16M	4/21/93									
1	1	S17M	4/21/93									
1	1	S19M	4/22/93									
1	1	S20M	4/22/93									
1	1	S19A	4/22/93									
COMPOUND Trans-1,3-Dichloropropene Bromoform 4-Methyl-2-pentanone 2-Hexanone Tetrachloroethene 1,1,2,2-Tetrachloroethane Toluene Chlorobenzene Ethylbenzene 1,2-Dibromo-3-chloropropane Styrene Xylene (total) 1,2-Dibromoethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,3-Dichlorobenzene												

CRQL = Contract Required Quantitation Limit

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Sample No.	Dilution Factor	Location	Sampling Date	CR01
SC775	1	SI0A	4/22/93	
1				Chloromethane
1				Bromomethane
1				Vinyl Chloride
1				Chloroethane
2				Methylene Chloride
5				Acetone
1				Carbon Disulfide
1				1,1-Dichloroethene
1				1,1-Dichloroethane
1				Trans-1,2-Dichloroethene
1				Cis-1,2-Dichloroethene
1				Chloroform
1				1,2-Dichloroethane
5				2-Butanone
1				1,1,1-Trichloroethane
1				Carbon Tetrachloride
1				Bromodichloromethane
1				Bromochloroethane
1				1,2-Dichloropropane
1				Cis-1,3-Dichloropropene
1				Trichloroethene
1				Dibromochloromethane
1				1,1,2-Trichloroethane
1				Benzene

CR01 = Contract Required Detector Limit

SEE NARRATIVE FOR CODE DEFINITION
revised 07/93

Sample No.	Dilution Factor	Location	Sampling Date	CROL															
1	1	S10A	4/22/95	COMPLIANT															
1	1			Trans-1,3-Dichloropropene															
1	1			Bromoform															
5	5			4-Methyl-2-pentanone															
5	5			2-Hexanone															
1	1			Tetrachloroethene															
1	1			1,1,2,2-Tetrachloroethane															
1	1			Toluene															
1	1			Chlorobenzene															
1	1			Ethylbenzene															
1	1			1,2-Dibromo-3-chloropropane															
1	1			Styrene															
1	1			Xylene (total)															
1	1			1,2-Dibromosthane															
1	1			1,2-Dichlorobenzene															
1	1			1,4-Dichlorobenzene															
1	1			1,3-Dichlorobenzene															

CROL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS;
revised 07/90

WATER SAMPLES
(ug/L)

Sample No.	Dilution Factor	Location	Sampling Date	SC7737	SC7738	SC7739	SC7740	SC7741	SC7742	SC7743	SC7744	SC7745
	1.0	S02A	4/20/93									
	1.0	S03A	4/20/93									
	1.0	S04A	4/20/93									
	1.0	S05A	4/20/93									
	1.0	S06A	4/20/93									
	1.0	S07A	4/20/93									
	1.0	S08A	4/20/93									
	1.0	S09A	4/20/93									
	1.0	S10A	4/20/93									
CRQL	COMPOUND		FIELD BLANK									
5	phenol											
5	bis(2-chloroethyl)ether											
5	2-chlorophenol											
5	2-methylphenol											
5	2,2'-oxybis(1-chloropropane)											
5	4-methylphenol											
5	N-nitroso-di-n-propylamine											
5	hexachloroethane											
5	nitrobenzene											
5	isophorone											
5	2-nitrophenol											
5	2,4-dimethylphenol											
5	bis(2-chloroethoxy)methane											
5	2,4-dichlorophenol											
5	1,2,4-trichlorobenzene											
5	naphthalene											
5	4-chloroaniline											
5	hexachlorobutadiene											
5	4-chloro-3-methylphenol											
5	2-methylnaphthalene											
5	hexachlorocyclopentadiene											
5	2,4,6-trichlorophenol											
20	2,4,5-trichlorophenol											
5	2-chloronaphthalene											
20	2-nitroaniline											

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

90111CRA

Site Name: Keystone Sanitation

WATER SAMPLES

(ug/L)

EPA 098711

Case No. 19797 SDG No. SCT736

Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location										
SC7737	1.0	S02A	SC7738	1.0	S03A	SC7739	1.0	S04A	SC7740	1.0	S05A	SC7741	1.0	S06A	SC7742	1.0	S07A	SC7743	1.0	S08A	SC7744	1.0	S09A	SC7745	1.0	S10A	
4/20/93			4/20/93			4/20/93			4/20/93			4/20/93			4/20/93			4/20/93			4/20/93			4/20/93			4/20/93
=====																											
5		Dimethylphthalate																									
5		Acenaphthylene																									
5		2,6-Dinitrotoluene																									
20		3-Nitroaniline																									
5		Acenaphthene																									
20		2,4-Dinitrophenol																									
20		4-Nitrophenol																									
5		Dibenzofuran																									
5		2,4-Dinitrotoluene																									
5		Diethylphthalate																									
5		4-Chlorophenyl-phenylether																									
5		Fluorene																									
20		4-Nitroaniline																									
20		4,6-Dinitro-2-methylphenol																									
5		N-Nitrosodiphenylamine (1)																									
5		4-Bromophenyl-phenylether																									
5		Hexachlorobenzene																									
20		Pentachlorophenol																									
5		Phenanthrene																									
5		Anthracene																									
5		Di-n-butylphthalate																									
5		Fluoranthene																									
5		Pyrene																									
5		Butylbenzylphthalate																									
5		3,3'-Dichlorobenzidine																									

CROL * Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITION:
revised 07/9

Site Name: Keystone Sanitation

WATER SAMPLES
(ug/L)

Case No. 19797 SDG No. SC7736

EPA 098712

AR311107

CRQL	COMPOUND	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location	Sample No.	Dilution Factor	Location																						
		SC7737	1.0	S02A	SC7738	1.0	S03A	SC7739	1.0	S04A	SC7740	1.0	S05A	SC7741	1.0	S06A	SC7742	1.0	S07A	SC7743	1.0	S08A	SC7744	1.0	S09A	SC7745	1.0	S10A													
	Benzo(e)anthracene																																								
	Chrysene																																								
	bis(2-Ethylhexyl)phthalate																																								
	Di-n-octylphthalate																																								
	Benzol(b)fluoranthene																																								
	Benzol(k)fluoranthene																																								
	Benzol(a)pyrene																																								
	Indeno(1,2,3-cd)pyrene																																								
	Dibenz(a,h)anthracene																																								
	Benzo(g,h,i)perylene																																								

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

Site Name: Keystone Sanitation
 Case No. 19797 SDG No. SC7736

WATER SAMPLES
 (ug/L)

EPA 098713

AR311108

Sample No.	Dilution Factor	Location	Sampling Date	SC7746		SC7747		SC7748		SC7749		SC7750		SC7751		SC7752		SC7753		SC7754	
				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5		S11A	4/21/93																		
5		S12A	4/21/93																		
5		S13A	4/21/93																		
5		S14A	4/21/93																		
5		S15A	4/21/93																		
5		S16A	4/21/93																		
5		S17A	4/21/93																		
5		S01H	4/20/93																		
5		S02H	4/20/93																		
5		FIELD BLANK																			

5		Phenol																			
5		bis(2-chloroethyl)ether																			
5		2-Chlorophenol																			
5		2-Methylphenol																			
5		2,2'-oxybis(1-chloropropane)																			
5		4-Methylphenol																			
5		transo-di-n-propylamine																			
5		1,2-Dichloroethane																			
5		1,2,4-Trichlorobenzene																			
5		Propylene																			
5		2-Nitrophenol																			
5		2,4-Dimethylphenol																			
5		bis(2-chloroethoxy)methane																			
5		2,4-Dichlorophenol																			
5		1,2,4-Trichlorobenzene																			
5		Naphthalene																			
5		4-Chloroaniline																			
5		Hexachlorobutadiene																			
5		4-Chloro-3-methylphenol																			
5		2-Methylnaphthalene																			
5		Hexachlorocyclopentadiene																			
5		2,4,6-Trichlorophenol																			
20		2,4,5-Trichlorophenol																			
5		2-Chloronaphthalene																			
20		2-Nitroaniline																			

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITION
 revised 07/9

Site Name: Keystone Sanitation

WATER SAMPLES
(ug/L)

EPA 098714

Case No. 19797 SDG No. SC7736

Sample No.	Dilution factor	Location	Sampling Date	SC7746	SC7747	SC7748	SC7749	SC7750	SC7751	SC7752	SC7753	SC7754
1.0	1.0	S11A	4/21/93									
1.0	1.0	S12A	4/21/93									
1.0	1.0	S13A	4/21/93									
1.0	1.0	S14A	4/21/93									
1.0	1.0	S15A	4/21/93									
1.0	1.0	S16A	4/21/93									
1.0	1.0	S17A	4/21/93									
1.0	1.0	S01M	4/20/93									
1.0	1.0	S02M	4/20/93									
												FIELD BLANK

CR01 = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINIT
revised 0

Site Name: Keystone Sanitation

WATER SAMPLES
(ug/L)

Case No. 19797 SDG No. SC7736

EPA 098715

AR311110

Sample No.	Dilution Factor	Location	Sampling Date	SC7746	SC7747	SC7748	SC7749	SC7750	SC7751	SC7752	SC7753	SC7754
	1.0	S11A	4/21/93	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		S12A	4/21/93									
		S13A	4/21/93									
		S14A	4/21/93									
		S15A	4/21/93									
		S16A	4/21/93									
		S17A	4/21/93									
		S01M	4/20/93									
		S02M	4/20/93									
		FIELD BLANK										

COMPOUND												
5	Benzol(a)anthracene											
5	Chrysene											
5	bis(2-Ethylhexyl)phthalate											
5	Di-n-octylphthalate											
5	Benzol(b)fluoranthene											
5	Benzol(k)fluoranthene											
5	Benzol(a)pyrene											
5	Indeno(1,2,3-cd)pyrene											
5	dibenz(a,h)anthracene											
5	Benzol(g,h,i)perylene											

EROL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

Site Name: Keystone Sanitation

WATER SAMPLES
(ug/l)

EPA 098717

AR311111

Case No. 19797 SDG No. SC7736

Sample No.	Dilution factor	Location	Sampling Date	CRQL	COMPOUND
5	1.0	S03M	4/20/95		Dimethylphthalate
5					Acenaphthylene
5					2,6-Dinitrotoluene
20					3-Nitroaniline
5					Acenaphthene
20					2,4-Dinitrophenol
5					Dibenzofuran
5					2,4-Dinitrotoluene
5					Diethylphthalate
5					4-Chlorophenyl phenylether
5					Fluorene
20					4-Nitroaniline
20					4,6-Dinitro-2-methylphenol
5					N-Nitrosodiphenylamine (1)
5					4-Bromophenyl phenylether
5					Hexachlorobenzene
20					Pentachlorophenol
5					Phenanthrene
5					Anthracene
5					Di-n-butylphthalate
5					Fluoranthene
5					Pyrene
5					Butylbenzylphthalate
5					3,3'-Dichlorobenzidine

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITI

revised 07

AR311114

SAMPLE NO.	DILUTION FACTOR	LOCATION	SAMPLING DATE	SC7756		SC7757		SC7758		SC7759		SC7760		SC7761		SC7762		SC7763		SC7764	
				1.0	S04H	1.0	S05H	1.0	S06H	1.0	S07H	1.0	S08H	1.0	S09H	1.0	S10H	1.0	S11H	1.0	S12H
5		Phenol																			
5		bis(2-chloroethyl)ether																			
5		2-Chlorophenol																			
5		2-Methylphenol																			
5		2,2'-oxybis(1-chloropropane)																			
5		4-Methylphenol																			
5		N-Nitroso-di-n-propylamine																			
5		Hexachlorocyclopentadiene																			
5		Nitrobenzene																			
5		Isophorone																			
5		2-Nitrophenol																			
5		2,4-Dimethylphenol																			
5		bis(2-chloroethoxy)methane																			
5		2,4-Dichlorophenol																			
5		1,2,4-Trichlorobenzene																			
5		Naphthalene																			
5		4-Chloroaniline																			
5		Hexachlorobutadiene																			
5		4-Chloro-3-methylphenol																			
5		2-Methylnaphthalene																			
5		Hexachlorocyclopentadiene																			
5		2,4,6-Trichlorophenol																			
20		2,4,5-Trichlorophenol																			
5		2-Chloronaphthalene																			
20		2-Nitroaniline																			

QL = Contract Required Quantitation Limit

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Revised 07/90

AR311115

Site Name: KeyStone Station

WATER SAMPLES (mg/l)

EPA 098720

Case No. 19797 Sub No. SCT756

CROI	COMPOUND	Sample No.	Retention Factor	Location	Sample Date	SCT756	SCT757	SCT758	SCT759	SCT760	SCT761	SCT762	SCT765	SCT766
		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Dimethylphthalate	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Acenaphthylene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	2,6-Dinitrotoluene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	3-Mitroquantine	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Acenaphthene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	2,4-Dinitrophenol	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	4-Mitrophenol	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Dibenzofuran	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	2,4-Dinitrotoluene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Diethylphthalate	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	4-Chlorophenyl phenylether	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Fluorene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	4-Mitroaniline	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	4,6-Dinitro 2 methylphenol	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	N-Nitrosodiphenylamine (1)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	4-Bromophenyl phenylether	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Hexachlorobenzene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	Pentachlorophenol	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Phenanthrene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Anthracene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Di-n-butylphthalate	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Fluoranthene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Pyrene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Butylbenzylphthalate	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	3,3'-Dichlorobenzidine	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

LOL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

Site Name: Keystone Sanitation
 Case No. 19797 SDG No. SC7756

WATER SAMPLING
 (ug/l)

EPA 098721
 AR311116

Sample No.	SC7756	SC7757	SC7758	SC7759	SC7760	SC7761	SC7762	SC7763	SC7764
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Location	S04H	S05H	S06H	S07H	S08H	S09H	S10H	S10H	S11H
Sampling Date	4/20/93	4/20/93	4/20/93	4/20/93	4/20/93	4/20/93	4/22/93	4/21/93	4/21/93
CROQL									
COMPOUND									
5	Benzo(a)anthracene								
5	Chrysene								
5	bis(2-Ethylhexyl)phthalate								1
5	Di-n-octylphthalate								2
5	Benzo(k)fluoranthene								
5	Benzo(k)fluoranthene								
5	Benzo(a)pyrene								
5	Indeno(1,2,3-cd)pyrene								
5	Dibenz(a,h)anthracene								
5	Benzo(g,h,i)perylene								

CROQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS
 revised 07/90

Sample No.	Dilution Factor	Location	Sampling Date	SC7765	SC7766	SC7767	SC7768	SC7769	SC7770	SC7772	SC7773RE	SC7774
5	1.0	S12H	4/21/95									
5	1.0	S13H	4/21/95									
5	1.0	S14H	4/21/95									
5	1.0	S15H	4/21/95									
5	1.0	S16H	4/21/95									
5	1.0	S17H	4/21/95									
5	1.0	S18H	4/21/95									
5	1.0	S19H	4/22/95									
5	1.0	S20H	4/22/95									
5	1.0	S19A	4/22/95									
CONTROL												
5		Phenol										
5		bis(2-chloroethyl) ether										
5		2-Chlorophenol										
5		2-Methylphenol										
5		2,2'-oxybis(1-chloropropane)										
5		4-Methylphenol										
5		N-Nitroso-di-n-propylamine										
5		Hexachloroethane										
5		Nitrobenzene										
5		Isophorone										
5		2-Nitrophenol										
5		2,4-Dimethylphenol										
5		bis(2-chloroethoxy)methane										
5		2,4-Dichlorophenol										
5		1,2,4-Trichlorobenzene										
5		Naphthalene										
5		4-Chloroaniline										
5		Hexachlorobutadiene										
5		4-Chloro-3-methylphenol										
5		Hexachlorocyclopentadiene										
5		2,4,6-Trichlorophenol										
5		2-Chloronaphthalene										
5		2-Nitroaniline										

R/L = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

R01117

AR31118

EPA 098723

COMPONENT	Sample No.	Dilution Factor	SCT765		SCT766		SCT767		SCT768		SCT769		SCT770		SCT772		SCT773NE		SCT774		
			Location	Sampling Date	1.0	S12H	1.0	S13H	1.0	S14H	1.0	S15H	1.0	S16H	1.0	S17H	1.0	S19H	1.0	S20H	1.0
Dimethylphthalate	5	1.0																			
Acenaphthylene	5	1.0																			
2,6-Dinitrotoluene	5	1.0																			
3-Nitroaniline	20	1.0																			
Acenaphthene	5	1.0																			
2,4-Dinitrophenol	20	1.0																			
4-Nitrophenol	20	1.0																			
Dibenzofuran	5	1.0																			
2,4-Dinitrotoluene	5	1.0																			
Diethylphthalate	5	1.0																			
4-Chlorophenyl-phenylether	5	1.0																			
Fluorene	5	1.0																			
4-Nitroaniline	20	1.0																			
4,6-Dinitro-2-methylphenol	20	1.0																			
N-Nitrosodiphenylamine (1)	5	1.0																			
4-Bromophenyl-phenylether	5	1.0																			
Hexachlorobenzene	5	1.0																			
Pentachlorophenol	5	1.0																			
Phenanthrene	5	1.0																			
Anthracene	5	1.0																			
Di-n-butylphthalate	5	1.0																			
Fluoranthene	5	1.0																			
Pyrene	5	1.0																			
Butylbenzylphthalate	5	1.0																			
3,3'-Dichlorobenzidine	5	1.0																			
Contract Required Quantitation Limit																					

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

TR01	COMPOUND	SC7765	SC7766	SC7767	SC7768	SC7769	SC7770	SC7772	SC7773	SC7774
		Dilution Factor	Dilution Factor	Dilution Factor	Dilution Factor	Dilution Factor	Dilution Factor	Dilution Factor	Dilution Factor	Dilution Factor
		Location	Location	Location	Location	Location	Location	Location	Location	Location
5	Benzof(a)anthracene	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	Chrysene	S12M	S13M	S14M	S15M	S16M	S17M	S19M	S20M	S19A
5	bis(2-Ethylhexyl)phthalate	4/21/95	4/21/95	4/21/95	4/21/95	4/21/95	4/21/95	4/22/95	4/22/95	4/22/95
5	Di-n-octylphthalate									
5	Benzof(b)fluoranthene									
5	Benzof(k)fluoranthene									
5	Benzof(a)pyrene									
5	Indeno(1,2,3-cd)pyrene									
5	Dibenz(a,h)anthracene									
5	Benzof(g,h,i)perylene									

DL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

Site Name: Keystone Sanitation

WATER SAMPLES
(ug/L)

EPA 098725

Case No. 19797

SDG No. SC7756

Sample No.	Dilution Factor	Location	Sampling Date	CRQL	COMPOUND																
5	1.0	S18A	4/22/93		Phenol																
5					bis(2-chloroethyl) ether																
5					2-Chlorophenol																
5					2-Methylphenol																
5					2,2'-oxybis(1-chloropropane)																
5					4-Methylphenol																
5					N-Nitroso-di-n-propylamine																
5					Hexachloroethane																
5					Nitrobenzene																
5					Isophorone																
5					2-Nitrophenol																
5					2,4-Dimethylphenol																
5					bis(2-chloroethoxy)methane																
5					2,4-Dichlorophenol																
5					1,2,4-Trichlorobenzene																
5					Naphthalene																
5					4-Chloroaniline																
5					Hexachlorobutadiene																
5					4-Chloro-3-methylphenol																
5					2-Methylnaphthalene																
5					Hexachlorocyclopentadiene																
5					2,4,6-Trichlorophenol																
20					2,4,5-Trichlorophenol																
5					2-Chloronaphthalene																
20					2-Nitroaniline																

DL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

AR311121

EPA 098726

COMPOUND	Sample No.	Dilution Factor	Location	Sampling Date	Contract Required Quantitation Limit
	SC7775	1.0	S18A	4/22/95	UU
Diethylphthalate					
Acenaphthylene					
2,6-Dinitrotoluene					
3-Nitroaniline					
Acenaphthene					
2,4-Dinitrophenol					
4-Nitrophenol					
Dibenzofuran					
2,4-Dinitrotoluene					
Diethylphthalate					
4-Chlorophenyl-phenylether					
Fluorene					
4-Nitroaniline					
4,6-Dinitro-2-methylphenol					
N-Nitroso-N,N-dimethylethanolamine (1)					
4-Bromophenyl-phenylether					
Hexachlorobenzene					
Pentachlorophenol					
Phenanthrene					
Anthracene					
Di-n-butylphthalate					
Fluoranthene					
Pyrene					
Butylbenzylphthalate					
3,3'-Dichlorobenzidine					

SEE NARRATIVE FOR CODE DEFINITIONS
 Revised 07/90

Sample No	Dilution Factor	Location	Sampling Date	CONCENTRATIONS																
SCT775	1.0	STBA	4/22/95																	
5				Benzo(a)anthracene																
5				Chrysene																
5				bis(2-Ethylhexyl)phthalate																
5				Di-n-octylphthalate																
5				Benzo(l)fluoranthene																
5				Benzo(k)fluoranthene																
5				Benzo(a)pyrene																
5				Indeno(1,2,3-cd)pyrene																
5				Dibenz(a,h)anthracene																
5				Benzo(g,h,i)perylene																

L = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

Case No. 19797 SDG No. SCT736

Sample No.	SCT737	SCT738	SCT739	SCT740	SCT741	SCT742	SCT743	SCT744	SCT745
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Dilution Factor	S02A	S03A	S04A	S05A	S06A	S07A	S08A	S09A	S10A
Location	4/20/95	4/20/95	4/20/95	4/20/95	4/20/95	4/20/95	4/20/95	4/20/95	4/20/95
Sampling Date			FILED BLANK						
COMPONENT									
0.010	alpha-BHC								
0.010	beta-BHC								
0.010	delta-BHC								
0.020	gamma-BHC (lindane)								
0.020	Endosulfan								
0.020	Endosulfan Epoxide								
0.010	Endosulfan I								
0.020	Dieldrin								
0.020	4,4'-DDE								
0.020	Endrin								
0.020	Endosulfan II								
0.020	4,4'-DDD								
0.020	Endosulfan Sulfate								
0.020	4,4'-DDT								
0.10	Methoxychlor								
0.020	Endrin Ketone								
0.020	Endrin Aldohyde								
0.010	alpha-Chloro-dane	0.0071							
0.010	gamma-Chloro-dane	0.0094							
1.0	Toxaphene								
0.020	Aroclor-1016								
0.040	Aroclor-1221								
0.020	Aroclor-1232								
0.020	Aroclor-1242								
0.020	Aroclor-1248								
0.020	Aroclor-1254								
0.020	Aroclor-1260								

CRCL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

AR311124

COMPOUND	SC7746	SC7747	SC7748	SC7749	SC7750	SC7751	SC7752	SC7753	SC7754
alpha-BHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
beta-BHC									
delta-BHC									
gamma-BHC (lindane)									
Heptachlor									
Aldrin									
Heptachlor Epoxide									
Endosulfan I				0.12					
Dieldrin									
4,4'-DDE									
Endrin									
Endosulfan II									
4,4'-DDD									
Endosulfan Sulfate									
4,4'-DDT									
Methoxychlor									
Endrin Ketone									
Endrin Aldehyde									
alpha-Chlordane									
gamma-Chlordane									
Toxaphene									
Aroclor-1016									
Aroclor-1221									
Aroclor-1232									
Aroclor-1242									
Aroclor-1248									
Aroclor-1254									
Aroclor-1260									

RL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

FIELD BLANK

Sample No.	SC7755																			
Dilution Factor	1.0																			
Location	S05H																			
Sampling Date	4/20/93																			
COMPOUND																				
010	alpha-BHC																			
010	beta-BHC																			
010	delta-BHC																			
010	gamma-BHC (lindane)																			
010	Heptachlor																			
010	Aldrin																			
010	Heptachlor Epoxide																			
010	Endosulfan I																			
020	Dieldrin																			
020	4,4'-DDE																			
020	Endrin																			
020	Endosulfan II																			
020	4,4'-DDD																			
020	Endosulfan Sulfate																			
020	4,4'-DDI																			
10	Methoxychlor																			
020	Endrin Ketone																			
020	Endrin Aldohyde																			
010	alpha-Chlordane																			
010	gamma-Chlordane																			
0	Toxaphene																			
020	Aroclor-1016																			
060	Aroclor-1221																			
020	Aroclor-1232																			
020	Aroclor-1242																			
020	Aroclor-1248																			
020	Aroclor-1254																			
020	Aroclor-1260																			

DL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS revised 07/90

CRCL	COMPOUND	Sample No.	Dilution Factor	Location	Sampling Date	SC7765	SC7766	SC7767	SC7768	SC7769	SC7770	SC7772	SC7773	SC7774
0.010	alpha-BHC	1.0	1.0	S12H	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	beta-BHC	1.0	1.0	S13M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	delta-BHC	1.0	1.0	S14H	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	gamma-BHC (lindane)	1.0	1.0	S15H	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	Heptachlor	1.0	1.0	S16M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	Aldrin	1.0	1.0	S17M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	Heptachlor Epoxide	1.0	1.0	S19M	4/22/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	Endosulfan I	1.0	1.0	S20M	4/22/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Dieldrin	1.0	1.0	S15H	4/21/93	UJ	UJ	UJ	0.027	UJ	UJ	UJ	UJ	UJ
0.020	4,4'-DDE	1.0	1.0	S17M	4/21/93	UJ	UJ	UJ	UJ	0.051	UJ	UJ	UJ	UJ
0.020	Endrin	1.0	1.0	S19M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Endosulfan II	1.0	1.0	S20M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	4,4'-DDB	1.0	1.0	S15H	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Endosulfan Sulfate	1.0	1.0	S17M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	4,4'-DDT	1.0	1.0	S19M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.10	Methoxychlor	1.0	1.0	S20M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Endrin Ketone	1.0	1.0	S15H	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Endrin Aldehyde	1.0	1.0	S17M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	alpha-chlordane	1.0	1.0	S19M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.010	gamma-chlordane	1.0	1.0	S20M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
1.0	Toxaphene	1.0	1.0	S15H	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Aroclor-1016	1.0	1.0	S17M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.040	Aroclor-1221	1.0	1.0	S19M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Aroclor-1232	1.0	1.0	S20M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Aroclor-1242	1.0	1.0	S15H	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Aroclor-1248	1.0	1.0	S17M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Aroclor-1254	1.0	1.0	S19M	4/21/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
0.020	Aroclor-1260	1.0	1.0	S20M	4/22/93	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ

CRCL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

ROD	COMPOUND	Sample No.	Dilution Factor	Location	Sampling Date																
		SC775	1.0	S18A	4/22/95																
1.010	alpha-BHC																				
1.010	beta-BHC																				
1.010	delta-BHC																				
1.010	gamma-BHC (Lindane)																				
1.010	Heptachlor																				
1.010	Aldrin																				
1.010	Heptachlor Epoxide																				
1.010	Endosulfan I																				
1.010	Endosulfan II																				
.020	4,4'-DDE																				
.020	4,4'-DDD																				
.020	Endosulfan Sulfate																				
.020	4,4'-DDT																				
.10	Methoxychlor																				
.020	Endrin Ketone																				
.020	Endrin Alderhyde																				
.010	alpha-Chlordane																				
.010	gamma-Chlordane																				
0	Toxaphene																				
.020	Aroclor-1016																				
.040	Aroclor-1221																				
.020	Aroclor-1232																				
.020	Aroclor-1242																				
.020	Aroclor-1248																				
.020	Aroclor-1254																				
.020	Aroclor-1260																				

Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

Site Name: Keystone

WATER SAMPLES
(ug/l)

EPA 098734

Case #: 19815 Sampling Date(s): 4/22/95

To calculate sample quantitation limits:
(CKDL * Dilution Factor)

CROL	COMPOUND	Sample No.	Dilution Factor	Location																	
				CM99B	CM99																
10	*Chloroethane		1.0	L01A	L021A																
10	Bromoethane																				
10	*Vinyl Chloride																				
10	Chloroethane																				
10	*Methylene Chloride																				
10	Acetone																				
10	Carbon Disulfide																				
10	*1,1-Dichloroethane																				
10	1,1-Dichloroethane																				
10	*Total 1,2-Dichloroethane																				
10	Chloroform																				
10	*1,2-Dichloroethane																				
10	*2-Butanone																				
10	*1,1,1-Trichloroethane																				
10	*Carbon Tetrachloride																				
10	Bromochloroethane																				

ROL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

To calculate sample quantitation limits:
(CRDL * Dilution Factor)

COMPOUND	Sample No.	CRMD	CRPD
	Dilution Factor	1.0	1.0
	Location	101A	1021A
1,2-Dichloropropane			
Cis-1,3-Dichloropropane			
Trichloroethane			
Dibromochloroethane			
1,1,2-Trichloroethane			
*Benzene			
Trans-1,3-Dichloropropene			
Bromoform			
4-Methyl-2-pentanone			
2-Hexanone			
*Tetrachloroethene			
1,1,2,2-Tetrachloroethane			
*Toluene			
*Chlorobenzene			
*Ethylbenzene			
*Styrene			
*Total Xylenes			

= Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

Asd #: 19815 Sampling Date(s): 4/22/95

To calculate sample quantitation limits:
(LMQ) = (Distillation Factor)

Sample No.	LMV/B	LMV/Y	Location	LOA	LO2/A														
10	Phenol																		
10	bis(2-Chloroethyl) Ether																		
10	2-Chlorophenol																		
10	*1,3-Dichlorobenzene																		
10	*1,4-Dichlorobenzene																		
10	1,2-Dichlorobenzene																		
10	2-Methylphenol																		
10	2,2'-oxybis(1-chloropropane)																		
10	4-Methylphenol																		
10	N-Nitroso-di-n-propylamine																		
10	Hexachloroethane																		
10	Nitrobenzene																		
10	Isophrone																		
10	2-Nitrophenol																		
10	2,4-Dimethylphenol																		
10	bis(2-chloroethoxy)methane																		
10	2,4-Dimethylphenol																		
10	1,2,4-Trichlorobenzene																		
10	Naphthalene																		
10	4-chloroaniline																		

ROL = Contract Required Quantitation Limit

Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

WATER SAMPLES

(ug/l)

EPA 09873732

Name: Keystone
: 19815 Sampling Date(s): 4/22/93

To calculate sample quantitation limits:
(CRDL + dilution factor) * 100

Sample No.	Dilution Factor	Location	CMH98	CMH99	Action Level Exists															
			1.0	10.21A																
10		Hexachlorocyclopentadiene																		
10		4-Chloro-3-methylphenol																		
10		2-Methylnaphthalene																		
10		Hexachlorocyclopentadiene																		
10		2,4,6-Trichlorophenol																		
10		2,4,5-Trichlorophenol																		
10		2-Chloronaphthalene																		
10		2-Nitroanthracene																		
10		Dimethylphthalate																		
10		Acenaphthylene																		
10		2,6-Dinitrotoluene																		
10		3-Nitroanthracene																		
10		Acenaphthene																		
10		2,4-Dinitrophenol																		
10		4-Nitrophenol																		
10		Dibenzofuran																		
10		2,4-Dinitrotoluene																		
10		Diethylphthalate		0.5																
10		4-Chlorophenyl phenylether																		
10		Fluorene																		
10		4-Nitroanthracene																		
10		4,6-Dinitro-2-methylphenol																		

Contract Required Quantitation Limit

Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

Site Name: Keystone

Use #: 19815 Sampling Date(s): 4/22/93

DATA SUMMARY

B K A

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AR311133

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of 6

WATER SAMPLES

(ug/l)

EPA

098738

To calculate sample quantitation limits:
(CMDL * Dilution Factor)

ROL	Sample No.	CMR/08	CMR/99																	
		1.0	1.0																	
		Location	101A	1021A																
10	N-Nitrosodiphenylamine																			
10	4-Uranylphenyl phenylether																			
10	*Hexachlorobenzene																			
25	*Pentachlorophenol																			
10	Phenanthrene																			
10	Anthracene																			
10	Carbazole																			
10	Di-n-butylphthalate	0.4	0.7																	
10	Fluoranthene																			
10	Pyrene																			
10	Butylbenzylphthalate																			
10	3,3'-Dichlorobenzidine																			
10	Benzo(a)anthracene																			
10	Chrysene																			
10	bis(2-Ethylhexyl)phthalate																			
10	Di-n-octylphthalate																			
10	Benzo(b)fluoranthene																			
10	Benzo(k)fluoranthene																			
10	Benzo(a)pyrene																			
10	Indeno(1,2,3-cd)pyrene																			
10	Dibenz(a,h)anthracene																			
10	Benzo(g,h,i)perylene																			

ROL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

Sample No.	CM98	CM99	Location		Dilution Factor	
01	CM98B	CM99	101A	1021A	1.0	1.0
.05	alpha-BHC					
.05	beta-BHC					
.05	delta-BHC					
.05	*gamma-BHC (lindane)					
.05	*Heptachlor					
.05	Aldrin					
.05	Heptachlor Epoxide					
.05	Endosulfan I					
.10	Dieldrin					
.10	4,4'-DDE					
.10	*Endrin					
.10	Endosulfan II					
.10	4,4'-DDD					
.10	Endosulfan Sulfate					
.10	4,4'-DDT					
.50	*Methoxychlor	101	101			
.10	Endrin Ketone					
.10	Endrin Aldehyde					
.05	*alpha-Chlordane					
.05	*gamma-Chlordane					
.0	*Toxaphene					
.0	*Aroclor-1016					
.0	*Aroclor-1221					
.0	*Aroclor-1232					
.0	*Aroclor-1242					
.0	*Aroclor-1248					
.0	*Aroclor-1254					
.0	*Aroclor-1260					

11 = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

AR311134

DATA SUMMARY FORM: INORGANICS

Site Name: Keystone Sanitation

WATER SAMPLES

(ug/L)

Site No. 19815 SDG No. MCHQ30

EPA 098740

Sampling Date(s): 4/20-22/93

Sample No.	MCHQ30	MCHQ31	MCHQ32	MCHQ33	MCHQ34	MCHQ35	MCHQ36	MCHQ37	MCHQ38	MCHQ39
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Location	SO2A	SO3A	SO4A	SO5A	SO6A	SO7A	SO8A	SO9A	S10A	S11A
			Field Blank							
CRDL ANALYTE										
200 Aluminum	[107]	[23.31]		[71.51]	[19.4]	[37.11]		[75.4]		
60 Antimony										
10 Arsenic	UL		UL						[4.0]	
200 Barium	[35.0]	[59.51]		[47.21]	[5.7]	[57.4]	[85.1]	[2.0]	[169]	[32.21]
5 Beryllium	[0.34]								[0.42]	[0.34]
5 Cadmium		[1.7]		[1.7]		[1.9]	[1.9]		[1.5]	
000 Calcium	5950	5870		18400	[3100]	29400	24900	8660	41600	26700
10 Chromium										
50 Cobalt										
25 Copper	132	27.4		[3.3]		97.9	58.5	89.2	[6.9]	36.0
100 Iron	167	[22.9]		[16.4]		[36.7]	[16.5]	150	[26.4]	317
3 Lead	5.2	5.7		6.5		4.5	3.9	4.4	3.7	3.2
0000 Magnesium	[3510]	5340		[31.8]		7500	5620	[4300]	10700	7080
15 Manganese	[6.6]	[4.4]		[2.1]		[2.0]		[5.0]		
0.2 Mercury	[0.10]									
40 Nickel										
0000 Potassium	[1250]	[1420]		[3680]		[1000]	[1280]	[908]	[704]	[494]
5 Selenium										
10 Silver										
0000 Sodium	[4580]	[4600]		[229]		[4800]	[3240]	6380	14300	9080
10 Thallium	UL	UL		UL		UL	UL	UL	UL	UL
50 Vanadium										
20 Zinc	[5.7]	46.1				[8.4]	[11.4]	[7.5]	[11.1]	81.3
10 Cyanide										

CRDL = Contract Required Detection Limit

SEE NARRATIVE FOR DEFINITIONS

revised 07/90

DATA SUMMARY FORM: I N O R G A N I C S

WATER SAMPLES

(ug/L)

Site Name: Keystone Sanitation

use No. 19815 SDG No. MCHQ30

Sampling Date(s): 4/20-22/93

Sample No.	MCHQ40	MCHQ41	MCHQ42	MCHQ43	MCHQ44	MCHQ45	MCHQ46	MCHQ49	MCHQ50					
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					
Location	S12A	S13A	S14A	S15A	S16A	S17A	S01M Field Blank	S03M	S04M	S05M				
CRDL ANALYTE														
200 Aluminum			62.61		2480		1161		129.01		771.81		127.21	
60 Antimony														
10 Arsenic														
200 Barium	45.41	126.91	65.61	16.41	30.81	16.71	11.41	18.01	113.41	17.51				
5 Beryllium														
5 Cadmium														
000 Calcium	49801	7650	26300	6260	6670	12300	6480	45301	9810					
10 Chromium														
50 Cobalt														
25 Copper	47.9	36.9	79.7	135	49.6	318	28.9	195	329					
100 Iron	118.51	15.81	54.11	8110	1180	126.31	114.01	178.11	47.41	117.91				
3 Lead	10.6	3.8	3.7	27.5	15.8	6.0	2.11	3.7	4.8	12.7				
000 Magnesium	137101	7410	8000	43901	46301	6220	30.31	36401	5500	42201				
15 Manganese	16.71	530	12.81	236	14.81	14.01		112.51	500	13.11				
0.2 Mercury														
40 Nickel		16.71	15.91	17.81	14.61					14.81				
000 Potassium	110701	112001	112201	19271	19911	117101	19491	17691	111301					
5 Selenium														
10 Silver														
000 Sodium	132001	132901	13300	160701	140201	24800	11791	7110	5020	7030				
10 Thallium														
50 Vanadium														
20 Zinc	114.51	22.1	237	28.7	112.31	113.01	51.1	58.1	119.31					
10 Cyanide														

RDL = Contract Required Detection Limit

SEE NARRATIVE FOR DEFINITIONS

revised 07/90

AR31137

Site Name: Keystone Sanitation

Case No. 19815 SDG No. MCMQ47

Sampling Date(s): 4/20-22/93

Sample No.	MCMQ47	MCMQ51	MCMQ52	MCMQ53	MCMQ54	MCMQ55	MCMQ56	MCMQ57	MCMQ58	MCMQ59
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Location	S02M	S06M	S07M	S08M	S09M	S10M	S10M	S11M	S12M	S13M
CRDL ANALYTE										
200 Aluminum	[156]	[47.9]	[46.1]	[26.5]	[59.9]	[55.3]	[53.6]	[40.5]	[39.7]	[40.1]
60 Antimony										
10 Arsenic										
200 Barium	[66.1]	[1.4]	[23.8]	[1.9]	[79.7]	[33.4]	[8.1]	[2.5]	[15.7]	[1.2]
5 Beryllium										
5 Cadmium										
5000 Calcium	8480	12400	10100	12700	6380	11400	6410	13300	12700	14000
10 Chromium										
50 Cobalt	[4.9]				[9.5]	[5.9]				
25 Copper	69.5	[24.5]			36.7	90.7	177	993	138	545
100 Iron	262				[30.6]	[15.2]		[53.5]	[53.8]	[17.8]
3 Lead	5.6	3.5			4.1	8.6	4.1	3.1	[2.3]	19.4
5000 Magnesium	6760	[4500]			5830	[4400]	5550	5190	[2580]	7830
15 Manganese										
0.2 Mercury										
40 Nickel	[7.7]									
5000 Potassium	[2740]	[660]								
5 Selenium										
10 Silver										
5000 Sodium	9870	[4700]								
10 Thallium										
50 Vanadium										
20 Zinc	173									
10 Cyanide										

CRDL = Contract Required Detection Limit

SEE NARRATIVE FOR DEFINITIONS

revised 07/90

DATA SUMMARY FORM: INORGANICS

WATER SAMPLES

(ug/L)

Site Name: Keystone Sanitation

Case No. 19815 SDG No. MCHQ47

Sampling Date(s): 4/20-22/93

Sample No.	Dilution Factor	Location	MCHQ60	MCHQ61	MCHQ62	MCHQ63	MCHQ65	MCHQ66	MCHQ67	MCHQ68	MCHQ69	MCHQ70
200	1.0	S14M										
60	1.0	S15M										
10	1.0	S16M										
200	1.0	S17M										
5	1.0	S19M										
5	1.0	S20M										
5	1.0	S19A										
200	1.0	S18A										
10	1.0											
5	1.0											
5	1.0											
5000	1.0											
10	1.0											
50	1.0											
20	1.0											
10	1.0											
5000	1.0											
10	1.0											
50	1.0											
20	1.0											
10	1.0											
60	1.0											
100	1.0											
3	1.0											
5000	1.0											
15	1.0											
0.2	1.0											
40	1.0											
5000	1.0											
5	1.0											
10	1.0											
5000	1.0											
10	1.0											
50	1.0											
20	1.0											
10	1.0											

CRDL = Contract Required Detection Limit

SEE NARRATIVE FOR DEFINITIONS

revised 07/90

1971
10/27

Appendix C

Results as Reported by the laboratory
for all target Compounds

AR311139

EPA 084468

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7736

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040545 Date Received: 04/23/93
 Lab File ID: 040545 Date Analyzed: 04/28/93
 Purge Volume: 25 mL Dilution Factor: 1.0

SAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
			g
74-37-3	Chloromethane	1	1U
74-33-7	Bromomethane	1	1U
75-01-4	Vinyl Chloride	1	1U
75-00-3	Chloroethane	1	1U
75-09-2	Methylene Chloride	2	1U
57-54-1	Acetone	5	1U
75-15-0	Carbon Disulfide	1	1U
75-35-4	1,1-Dichloroethane	1	1U
75-34-3	1,1-Dichloroethane	1	1U
156-50-5	Trans-1,2-Dichloroethane	1	1U
540-07-0	cis-1,2-Dichloroethane	1	1U
57-56-3	Chloroform	1	1U
107-06-2	1,2-Dichloroethane	1	1U
78-93-3	2-Butanone	5	1U
71-55-6	1,1,1-Trichloroethane	1	1U
56-23-5	Carbon Tetrachloride	1	1U
75-27-4	Bromodichloromethane	1	1U
74-97-5	Bromochloromethane	1	1U
78-37-5	1,2-Dichloropropane	1	1U
10061-01-5	cis-1,3-Dichloropropene	1	1U
79-01-6	Trichloroethene	1	1U
124-48-1	Dibromochloromethane	1	1U
79-00-5	1,1,2-Trichloroethane	1	1U
71-43-2	Benzene	1	1U
10061-02-6	trans-1,3-Dichloropropene	1	1U
75-25-2	Bromoform	1	1U
108-10-1	4-Methyl-2-Pentanone	5	1U
591-78-6	2-Hexanone	5	1U
127-18-4	Tetrachloroethene	1	1U
79-34-5	1,1,2,2-Tetrachloroethane	1	1U
108-88-3	Toluene	1	1U
108-90-7	Chlorobenzene	1	1U
100-41-4	Ethylbenzene	1	1U
96-12-8	1,2-Dibromo-3-chloropropane	1	1U
100-42-5	Styrene	1	1U
1330-20-7	Xylene (total)	1	1U
106-93-4	1,2-Dibromoethane	1	1U
95-50-1	1,2 Dichlorobenzene	1	1U
106-46-7	1,4 Dichlorobenzene	1	1U
541-73-1	1,3 Dichlorobenzene	1	1U

AR311140

EPA 084469

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 GAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040546 Date Received: 04/23/93
 Lab File ID: 040546R Date Analyzed: 05/03/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	4	
67-64-1	Acetone	8	
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethane	1	U
810-59-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-3	Bromochloromethane	1	U
78-27-3	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-3	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
103-10-1	4-Methyl-2-Pentanone	5	U
59-73-3	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR311141

EPA 084470

0039

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

ORIGINAL
SC7738

Lab Name: ██████████ Contract: 68D90135
 Lab Code: ██████████ Case No.: 19797 BAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040547 Date Received: 04/23/93
 Lab File ID: 040547R Date Analyzed: 05/03/93
 Purge Volume: 25mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		1	U
74-83-7	Bromomethane		1	U
75-01-4	Vinyl Chloride		1	U
75-00-3	Chloroethane		1	U
75-09-2	Methylene Chloride		3	U
67-64-1	Acetone		5	U
75-15-0	Carbon Disulfide		1	U
75-35-4	1,1-Dichloroethane		1	U
75-34-3	1,1-Dichloroethane		1	U
156-60-3	trans-1,2-Dichloroethane		1	U
510-53-0	cis-1,2-Dichloroethane		1	U
67-66-3	Chloroform		1	U
107-06-2	1,2-Dichloroethane		1	U
75-93-3	2-Butanone		5	U
71-35-8	1,1,1-Trichloroethane		1	U
56-23-5	Carbon Tetrachloride		1	U
75-27-4	Bromodichloromethane		1	U
74-97-3	Bromochloromethane		1	U
75-27-5	1,2-Dichloropropane		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
79-01-3	Trichloroethane		1	U
124-48-1	Dibromochloromethane		1	U
79-00-5	1,1,2-Trichloroethane		1	U
71-43-2	Benzene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U
75-25-2	Bromoform		1	U
108-10-1	4-Methyl-2-Pentanone		5	U
591-78-6	2-Hexanone		5	U
127-18-4	Tetrachloroethene		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
108-38-3	Toluene		1	U
108-90-7	Chlorobenzene		1	U
100-41-4	Ethylbenzene		1	U
96-12-3	1,2-Dibromo-3-chloropropane		1	U
100-42-5	Styrene		1	U
1330-20-7	Xylene (total)		1	U
106-93-4	1,2-Dibromoethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040548 Date Received: 04/23/93
 Lab File ID: 040548 Date Analyzed: 04/28/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	8	
57-64-1	Acetone	24	
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-3	trans-1,2-Dichloroethane	1	U
540-39-0	cis-1,2-Dichloroethane	1	U
57-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-3	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethane	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-79-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-98-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR311143

EPA 084472

0060

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7740

Lab Name: [REDACTED]

Contract: 68D90135

Lab Code: [REDACTED] Case No.: 19797

SAS No.: 7572HQ SDG No.: SC7736

Lab Sample ID: 93040549

Date Received: 04/23/93

Lab File ID: 040549

Date Analyzed: 04/28/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
74-87-3	Chloromethane	1	UU
74-83-9	Bromomethane	1	UU
75-01-4	Vinyl Chloride	1	UU
75-00-3	Chloroethane	1	UU
75-09-2	Methylene Chloride	1	UU
67-64-1	Acetone	5	UU
75-15-0	Carbon Disulfide	1	UU
75-28-4	1,1-Dichloroethane	1	UU
75-34-3	1,1-Dichloroethane	1	UU
156-60-5	Trans-1,2-Dichloroethene	1	UU
540-39-0	cis-1,2-Dichloroethene	1	UU
67-66-3	Chloroform	1	UU
107-06-2	1,2-Dichloroethane	1	UU
78-93-3	2-Butanone	5	UU
71-55-5	1,1,1-Trichloroethane	1	UU
56-23-5	Carbon Tetrachloride	1	UU
78-27-4	Bromodichloromethane	1	UU
74-97-5	Bromochloromethane	1	UU
78-37-5	1,2-Dichloropropane	1	UU
10061-01-5	cis-1,3-Dichloropropene	1	UU
79-01-5	Trichloroethane	1	UU
124-48-1	Dibromochloromethane	1	UU
79-00-5	1,1,2-Trichloroethane	1	UU
71-43-2	Benzene	1	UU
10061-02-6	trans-1,3-Dichloropropene	1	UU
75-25-2	Bromoform	1	UU
108-10-1	4-Methyl-2-Pentanone	5	UU
591-78-6	2-Hexanone	5	UU
127-18-4	Tetrachloroethene	1	UU
79-34-5	1,1,2,2-Tetrachloroethane	1	UU
108-88-3	Toluene	1	UU
108-90-7	Chlorobenzene	1	UU
100-41-4	Ethylbenzene	1	UU
96-12-8	1,2-Dibromo-3-chloropropane	1	UU
100-42-5	Styrene	1	UU
1330-20-7	Xylene (total)	1	UU
105-93-4	1,2-Dibromoethane	1	UU
95-50-1	1,2 Dichlorobenzene	1	UU
106-46-7	1,4 Dichlorobenzene	1	UU
541-73-1	1,3 Dichlorobenzene	1	UU

AR311144

EPA 084473

0072

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

SC7741

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG SDG No.: SC7736
 Lab Sample ID: 93040550 Date Received: 04/23/93
 Lab File ID: 040530 Date Analyzed: 04/28/93
 Purge Volume: 25 mL Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-37-3	Chloromethane	1	U
74-33-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	3	U
67-64-1	Acetone	5	U
75-13-0	Carbon Disulfide	1	U
75-35-1	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethane	1	U
680-19-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-1	Bromodichloromethane	1	U
71-97-5	Bromochloromethane	1	U
78-97-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
59-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-98-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR31145

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7742

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040551 Date Received: 04/23/93
 Lab File ID: 040551 Date Analyzed: 04/29/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
			g
74-87-3	Chloromethane	1	IU
74-83-2	Bromomethane	1	IU
75-01-4	Vinyl Chloride	1	IU
75-00-3	Chloroethane	1	IU
75-09-2	Methylene Chloride	3	IU
67-64-1	Acetone	5	IU
75-15-0	Carbon Disulfide	1	IU
75-35-1	1,1-Dichloroethane	1	IU
75-34-2	1,1-Dichloroethane	1	IU
155-60-3	Trans-1,2-Dichloroethene	1	IU
540-30-0	Cis-1,2-Dichloroethene	1	IU
67-66-3	Chloroform	1	IU
107-06-2	1,2-Dichloroethane	1	IU
78-96-3	2-Butanone	5	IU
71-55-3	1,1,1-Trichloroethane	1	IU
56-23-3	Carbon Tetrachloride	1	IU
75-27-4	Bromodichloromethane	1	IU
74-97-3	Bromochloromethane	1	IU
78-57-3	1,2-Dichloropropane	1	IU
10061-01-3	Cis-1,3-Dichloropropene	1	IU
78-01-6	Trichloroethene	1	IU
124-48-1	Dibromochloromethane	1	IU
79-00-5	1,1,2-Trichloroethane	1	IU
71-43-2	Benzene	1	IU
10061-02-6	trans-1,3-Dichloropropene	1	IU
75-25-2	Bromoform	1	IU
108-10-1	4-Methyl-2-Pentanone	5	IU
591-78-3	2-Hexanone	5	IU
127-18-4	Tetrachloroethane	1	IU
79-34-5	1,1,2,2-Tetrachloroethane	1	IU
108-38-3	Toluene	1	IU
108-90-7	Chlorobenzene	1	IU
100-41-4	Ethylbenzene	1	IU
96-12-3	1,2-Dibromo-3-chloropropane	1	IU
100-42-5	Styrene	1	IU
1330-20-7	Xylene (total)	1	IU
106-93-4	1,2-Dibromoethane	1	IU
95-50-1	1,2 Dichlorobenzene	1	IU
106-46-7	1,4 Dichlorobenzene	1	IU
541-73-1	1,3 Dichlorobenzene	1	IU

AR311146

EPA 084475

0091

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

SC7743

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 GAS No.: 7572HG SDG No.: SC7736
 Lab Sample ID: 93040552 Date Received: 04/23/93
 Lab File ID: 040552 Date Analyzed: 04/29/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-89-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	19	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethane	1	U
840-59-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-92-3	2-Butanone	5	U
71-35-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-97-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-98-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR311147

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: RGC40553 Date Received: 04/23/93
 Lab File ID: 040553 Date Analyzed: 04/29/93
 Purge Volume: 25 mL Dilution Factor: 1.0

W/124
SC7744

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	3	U
57-84-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethane	1	U
540-39-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-97-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10051-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-73-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-38-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR311148

EPA 084477

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: [REDACTED]

Contract: 68D90135

SC7745

Lab Code: [REDACTED]

Case No.: 19797

SAS No.: 7572HQ

SDG No.: SC7736

Lab Sample ID: 98040554

Date Received: 04/23/93

Lab File ID: 040554

Date Analyzed: 04/29/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
74-87-3	Chloromethane	1	U	
74-83-7	Bromomethane	1	U	
75-01-1	Vinyl Chloride	1	U	
75-00-3	Chloroethane	1	U	
75-09-2	Methylene Chloride	2	U	
57-64-1	Acetone	5	U	
75-15-0	Carbon Disulfide	1	U	
75-35-4	1,1-Dichloroethane	1	U	
75-34-3	1,1-Dichloroethane	1	U	
156-60-5	trans-1,2-Dichloroethane	1	U	
540-59-0	cis-1,2-Dichloroethane	1	U	
67-66-3	Chloroform	1	U	
107-06-2	1,2-Dichloroethane	1	U	
78-93-3	2-Butanone	5	U	
71-35-5	1,1,1-Trichloroethane	1	U	
56-23-5	Carbon Tetrachloride	1	U	
75-27-4	Bromodichloromethane	1	U	
74-97-5	Bromochloromethane	1	U	
73-97-5	1,2-Dichloropropane	1	U	
10061-01-5	cis-1,3-Dichloropropane	1	U	
79-01-6	Trichloroethene	1	U	
124-48-1	Dibromochloromethane	1	U	
79-00-5	1,1,2-Trichloroethane	1	U	
71-43-2	Benzene	1	U	
10061-02-5	trans-1,3-Dichloropropene	1	U	
75-25-2	Bromoform	1	U	
108-10-1	4-Methyl-2-Pentanone	5	U	
591-78-5	2-Hexanone	5	U	
127-18-4	Tetrachloroethene	1	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	U	
108-88-3	Toluene	1	U	
108-90-7	Chlorobenzene	1	U	
100-41-4	Ethylbenzene	1	U	
96-12-3	1,2-Dibromo-3-chloropropane	1	U	
100-42-5	Styrene	1	U	
1330-20-7	Xylene (total)	1	U	
106-93-4	1,2-Dibromoethane	1	U	
95-50-1	1,2 Dichlorobenzene	1	U	
106-46-7	1,4 Dichlorobenzene	1	U	
541-73-1	1,3 Dichlorobenzene	1	U	

AR311149

EPA 084478

0100

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
SC# 45RE

Lab Name: [REDACTED] Contract: 58D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: POC40554 Date Received: 04/23/93
 Lab File ID: 040554R Date Analyzed: 05/03/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
74-37-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	4	U
57-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-40-8	Trans-1,2-Dichloroethane	1	U
540-59-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-97-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethane	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR311150

EPA 084479

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040555 Date Received: 04/23/93
 Lab File ID: 040555 Date Analyzed: 04/29/93
 Purge Volume: 25 mL Dilution Factor: 1.0

SC7746

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	290	E
57-64-1	Acetone	330	E
75-15-0	Carbon Disulfide	1	U
78-36-4	1,1-Dichloroethane	1	U
78-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethane	1	U
310-59-0	Cis-1,2-Dichloroethane	1	U
57-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-27-5	1,2-Dichloropropane	1	U
10061-01-5	Cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethane	1	U
121-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-26-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-73-6	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR311151

EPA 084480

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

ORIGINAL
3/23/93

SC7746DL

Lab Name: [REDACTED] Contract: 62D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 92040555 Date Received: 04/23/93
 Lab File ID: 040555D Date Analyzed: 05/03/93
 Purge Volume: 25 mL Dilution Factor: 20.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-87-3	Chloromethane	20	U
74-83-9	Bromomethane	20	U
75-01-4	Vinyl Chloride	20	U
75-00-3	Chloroethane	20	U
75-09-2	Methylene Chloride	40	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	20	U
75-35-4	1,1-Dichloroethane	20	U
75-34-3	1,1-Dichloroethane	20	U
156-50-5	trans-1,2-Dichloroethane	20	U
540-59-0	cis-1,2-Dichloroethane	20	U
57-66-3	Chloroform	20	U
107-06-2	1,2-Dichloroethane	20	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon Tetrachloride	20	U
75-27-4	Bromodichloromethane	20	U
74-97-5	Bromochloromethane	20	U
78-37-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
79-01-6	Trichloroethane	20	U
124-48-1	Dibromochloromethane	20	U
79-00-5	1,1,2-Trichloroethane	20	U
71-43-2	Benzene	20	U
10061-02-5	trans-1,3-Dichloropropene	20	U
75-25-2	Bromoform	20	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-79-6	2-Hexanone	100	U
127-18-4	Tetrachloroethane	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
108-38-3	Toluene	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
96-12-9	1,2-Dibromo-3-chloropropane	20	U
100-42-5	Styrene	20	U
1330-20-7	Xylene (total)	20	U
106-93-4	1,2-Dibromoethane	20	U
95-50-1	1,2 Dichlorobenzene	20	U
106-46-7	1,4 Dichlorobenzene	20	U
541-73-1	1,3 Dichlorobenzene	20	U

AR311152

EPA

084481

0154

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

Lab Name: XXXXXXXXXX

Contract: 68D90135

SC7747

Lab Code: XXXXXX

Case No.: 19797

SAS No.: 7572HQ

SDG No.: SC7736

Lab Sample ID: 93040556

Date Received: 04/23/93

Lab File ID: 040556

Date Analyzed: 04/29/93

Purge Volume: 25 mL

Dilution Factor: 1.0

SAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-97-3	Chloromethane	1	U
74-93-9	Bromomethane	1	U
75-01-1	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
57-54-1	Acetone	40	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-50-6	Trans-1,2-Dichloroethane	1	U
540-58-0	cis-1,2-Dichloroethane	1	U
57-36-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
73-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-6	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
73-37-5	1,2-Dichloropropane	1	U
10061-01-3	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-5	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-73-6	2-Hexanone	5	U
127-13-4	Tetrachloroethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-98-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
95-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR311153

EPA 084482

0160

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

ORIGINAL
(Recd)

EPA SAMPLE N

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 90040557 Date Received: 04/23/93
 Lab File ID: 040557 Date Analyzed: 04/29/93
 Purge Volume: 25 mL Dilution Factor: 1.0

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-3	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethane	1	U
540-52-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-5	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-5	Trichloroethane	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-5	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-3	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR-311154

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: XXXXXXXXXX Contract: 68D90135
 Lab Code: XXXXXX Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 90040558 Date Received: 04/23/93
 Lab File ID: 040558 Date Analyzed: 04/30/93
 Purge Volume: 25 mL Dilution Factor: 1.0

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

CAS NO.	COMPOUND		
74-97-3	Chloromethane	1	U
71-33-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	3	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
106-50-5	Trans-1,2-Dichloroethane	1	U
640-59-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-37-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethane	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR31-J155

EPA 084484

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7750

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG SDG No.: SC7736
 Lab Sample ID: 93040559 Date Received: 04/23/93
 Lab File ID: 040559R Date Analyzed: 05/03/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-1	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-08-2	Methylene Chloride	3	U
57-84-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
136-50-8	Trans-1,2-Dichloroethane	1	U
840-39-0	Cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-5	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-97-5	1,2-Dichloropropane	1	U
10061-01-5	Cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-5	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-5	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

EPA 084485

AR311156

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

ORIGINAL
(Red)

SC7751

Lab Name: [REDACTED]

Contract: 68D90135

Lab Code: [REDACTED] Case No.: 19797

SAS No.: 7572HQ

SDG No.: SC7736

Lab Sample ID: 93040560

Date Received: 04/23/93

Lab File ID: 040560

Date Analyzed: 04/30/93

Purge Volume: 25 mL

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-87-3	Chloromethane	1	U
74-83-7	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	24	U
75-13-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
540-69-0	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-37-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-58-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR311157

EPA 084486

0208

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

SC7732

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040561 Date Received: 04/23/93
 Lab File ID: 040561 Date Analyzed: 04/30/93
 Purge Volume: 25 mL Dilution Factor: 1.0

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

CAS NO.	COMPOUND	UG/L	G
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1, 1-Dichloroethane	1	U
75-34-3	1, 1-Dichloroethane	1	U
156-60-3	Trans-1, 2-Dichloroethane	1	U
540-09-0	cis-1, 2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1, 2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1, 1, 1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-37-5	1, 2-Dichloropropane	1	U
10061-01-5	cis-1, 3-Dichloropropane	1	U
79-01-6	Trichloroethane	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1, 1, 2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1, 3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1, 1, 2, 2-Tetrachloroethane	1	U
108-38-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1, 2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1, 2-Dibromoethane	1	U
95-50-1	1, 2 Dichlorobenzene	1	U
106-46-7	1, 4 Dichlorobenzene	1	U
541-73-1	1, 3 Dichlorobenzene	1	U

AR311158

EPA 084487

0220

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 BAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040562 Date Received: 04/23/93
 Lab File ID: 040562 Date Analyzed: 04/30/93
 Purge Volume: 25 mL Dilution Factor: 1.0

SC7753

ORIGINAL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	4	U
57-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-40-5	Trans-1,2-Dichloroethene	1	U
540-17-0	cis-1,2-Dichloroethene	1	U
57-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-37-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-79-6	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
95-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR311159

EPA 084488

022

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

ORIGINAL
(Red)

SC7734

Lab Name: [REDACTED] Contract: 62D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: 93040563 Date Received: 04/23/93
 Lab File ID: 040563R Date Analyzed: 05/03/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	3	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
178-60-3	Trans-1,2-Dichloroethane	1	U
540-59-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-3	Bromochloromethane	1	U
78-37-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethane	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR311160

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

ORIGINAL
(Red) SC7755

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Lab Sample ID: F3040564 Date Received: 04/23/93
 Lab File ID: 040564 Date Analyzed: 04/30/93
 Purge Volume: 25 mL Dilution Factor: 1.0

SAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
71-37-3	Chloromethane	1	1U
71-38-7	Bromomethane	1	1U
75-01-4	Vinyl Chloride	1	1U
75-00-3	Chloroethane	1	1U
75-09-2	Methylene Chloride	4	1
67-64-1	Acetone	5	1U
75-15-0	Carbon Disulfide	1	1U
75-35-4	1,1-Dichloroethane	1	1U
75-34-3	1,1-Dichloroethane	1	1U
135-30-5	Trans-1,2-Dichloroethane	1	1U
540-59-0	cis-1,2-Dichloroethane	1	1U
67-66-3	Chloroform	1	1U
107-106-2	1,2-Dichloroethane	1	1U
78-90-3	2-Butanone	5	1U
71-55-6	1,1,1-Trichloroethane	1	1U
58-20-5	Carbon Tetrachloride	1	1U
75-37-4	Bromodichloromethane	1	1U
71-37-5	Bromochloromethane	1	1U
78-37-5	1,2-Dichloropropane	1	1U
10061-01-5	cis-1,3-Dichloropropane	1	1U
79-01-5	Trichloroethene	1	1U
124-48-1	Dibromochloromethane	1	1U
79-00-5	1,1,2-Trichloroethane	1	1U
71-43-2	Benzene	1	1U
10061-02-6	trans-1,3-Dichloropropane	1	1U
75-25-2	Bromoform	1	1U
108-10-1	4-Methyl-2-Pentanone	5	1U
591-78-5	2-Hexanone	5	1U
127-18-4	Tetrachloroethane	1	1U
100-24-5	1,1,2,2-Tetrachloroethane	1	1U
108-38-3	Toluene	1	1U
108-90-7	Chlorobenzene	1	1U
100-41-4	Ethylbenzene	1	1U
95-12-3	1,2-Dibromo-3-chloropropane	1	1U
100-42-5	Styrene	1	1U
1330-20-7	Xylene (total)	1	1U
106-93-4	1,2-Dibromoethane	1	1U
95-50-1	1,2-Dichlorobenzene	1	1U
108-46-7	1,4-Dichlorobenzene	1	1U
541-73-1	1,3-Dichlorobenzene	1	1U

AR311161

EPA 084490

024

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET ORIGINAL
(Red)

EPA SAMPLE

Lab Name: [REDACTED] Contract: 62090135
 Lab Code: [REDACTED] Case No.: 19797 GAS No.: 7372HQ SDG No.: SC7756
 Lab Sample ID: P3040566 Date Received: 04/23/93
 Lab File ID: 040566 Date Analyzed: 04/30/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-87-3	Chloromethane	1	1	U
74-83-7	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Vinylidene Chloride	5	1	U
57-64-1	Acetone	5	1	U
75-15-3	Carbon Disulfide	1	1	U
75-35-8	1,1-Dichloroethane	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
136-40-8	Trans-1,2-Dichloroethene	1	1	U
640-59-0	cis-1,2-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone	5	1	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromochloromethane	1	1	U
74-97-5	Bromochloromethane	1	1	U
78-87-6	1,2-Dichloropropane	1	1	U
10061-01-5	cis-1,3-Dichloropropane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
10061-02-6	trans-1,3-Dichloropropane	1	1	U
75-25-2	Styrene	1	1	U
108-10-1	4-Methyl-2-Pentanone	5	1	U
591-78-6	2-Hexanone	5	1	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-98-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
100-42-5	Styrene	1	1	U
1330-20-7	Xylene (total)	1	1	U
106-73-4	1,2-Dibromoethane	1	1	U
95-50-1	1,2-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U
541-72-1	1,3-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

ORIGINAL
(Red)

EPA SAMPLE

SC775

Lab Name: [REDACTED] Contract: 62090135
 Lab Code: [REDACTED] Case No.: 19797 SAG No.: 7572HQ SDG No.: SC7756
 Lab Sample ID: 93040566 Date Received: 04/23/93
 Lab File ID: 040566 Date Analyzed: 04/30/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	7	U
57-62-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-8	1,1-Dichloroethane	1	U
75-34-7	1,1-Dichloroethane	1	U
156-21-8	Trans-1,2-Dichloroethane	1	U
540-56-0	Cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
79-93-3	2-Butanone	9	U
71-58-6	1,1,1-Trichloroethane	1	U
55-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-8	Bromochloromethane	1	U
79-37-6	1,2-Dichloropropane	1	U
10061-01-5	Cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethane	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-4	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-5	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR31163

EPA 004103

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7758

Lab Name: [REDACTED]

Contract: 68D90135

Lab Code: [REDACTED] Case No.: 18797

SAS No.: 7572HQ

SDG No.: SC7758

Lab Sample ID: 98040567

Date Received: 04/23/93

Lab File ID: 0405678

Date Analyzed: 05/03/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CONCENTRATION UNITS:
Tug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	3	U
57-84-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-28-4	1,1-Dichloroethane	1	U
75-31-3	1,1-Dichloroethane	1	U
106-40-5	Trans-1,2-Dichloroethane	1	U
510-57-0	Cis-1,2-Dichloroethane	1	U
57-86-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-0	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
55-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
71-27-5	Bromochloromethane	1	U
78-27-6	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethane	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
106-10-1	4-Methyl-2-Pentanone	5	U
591-73-6	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
95-12-9	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR311164

EPA 084493

0047

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7759

Lab Name: [REDACTED] Contract: 62D90135
 Lab Code: [REDACTED] Case No.: 19797 SAE No.: 7572HQ SDG No.: SC7756
 Lab Sample ID: 93040558 Date Received: 04/23/93
 Lab File ID: 040558 Date Analyzed: 05/01/93
 Sample Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-2	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-1	Vinyl Chloride	1	U
75-00-2	Chloroethane	1	U
75-04-2	Methylene Chloride	4	
67-64-1	Acetone	5	U
75-15-2	Carbon Disulfide	1	U
75-36-2	1,1-Dichloroethene	1	U
75-34-1	1,1-Dichloroethane	1	U
75-35-5	trans-1,2-Dichloroethene	1	U
75-35-0	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
75-93-2	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
74-97-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
75-27-5	1,2-Dichloropropane	1	U
10091-01-5	cis-1,3-Dichloropropane	1	U
74-91-2	Trichloroethene	1	U
121-48-1	Dibromochloromethane	1	U
74-90-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropane	1	U
75-26-2	Bromoform	1	U
108-10-1	1-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
95-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

0056

AR311165

EPA 084494

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

ORIGINAL
1993

EPA SAMPLE

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Lab Sample ID: 93040567 Date Received: 04/23/93
 Lab File ID: 040567 Date Analyzed: 05/01/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	7		
67-64-1	Acetone	5		U
75-15-0	Carbon Disulfide	1		U
75-35-1	1,1-Dichloroethane	1		U
75-34-3	1,1-Dichloroethane	1		U
106-50-5	Trans-1,2-Dichloroethene	1		U
106-59-0	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
78-93-2	2-Butanone	5		U
71-55-6	1,1,1-Trichloroethane	1		U
58-30-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
74-97-8	Bromochloromethane	1		U
75-37-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-8	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
79-00-5	1,1,2-Trichloroethane	1		U
71-43-2	Benzene	1		U
10061-02-8	trans-1,3-Dichloropropene	1		U
75-25-2	Bromoform	1		U
102-10-1	4-Methyl-2-Pentanone	5		U
591-78-6	2-Hexanone	5		U
127-18-4	Tetrachloroethene	1		U
77-04-5	1,1,2,2-Tetrachloroethane	1		U
102-88-3	Toluene	1		U
102-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
95-12-8	1,2-Dibromo-3-chloropropane	1		U
100-42-5	Styrene	1		U
1330-20-7	Xylene (total)	1		U
106-93-4	1,2-Dibromoethane	1		U
95-50-1	1,2 Dichlorobenzene	1		U
106-46-7	1,4 Dichlorobenzene	1		U
541-73-1	1,3 Dichlorobenzene	1		U

AR31166

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7751

Lab Name: [REDACTED]

Contract: 62D90135

Lab Code: [REDACTED] Case No.: 19727

SAS No.: 7572HG

SDG No.: SC7756

Lab Sample ID: 93040570

Date Received: 04/23/93

Lab File ID: 040570RE

Date Analyzed: 05/03/93

Purge Volume: 25 mL

Dilution Factor: 1.0

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

SAS NO.	COMPOUND	UG/L	UG/KG
71-37-3	Chloromethane	1	U
71-38-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-02-3	Chloroethane	1	U
75-03-2	Methylene Chloride	4	U
51-61-1	Acetone	5	U
75-13-0	Carbon Disulfide	1	U
75-05-1	1,1-Dichloroethane	1	U
75-04-2	1,2-Dichloroethane	1	U
100-10-3	trans-1,2-Dichloroethane	1	U
110-08-0	cis-1,2-Dichloroethane	1	U
57-66-0	Chloroform	1	U
117-06-2	1,2-Dichloroethane	1	U
75-02-3	2-Butanone	3	U
71-35-8	1,1,1-Trichloroethane	1	U
55-20-3	Carbon Tetrachloride	1	U
75-07-4	Bromochloromethane	1	U
71-37-3	Bromochloromethane	1	U
75-07-3	1,2-Dichloropropane	1	U
10081-01-6	cis-1,2-Dichloropropane	1	U
79-01-5	Trichloroethene	1	U
124-12-1	Dibromochloromethane	1	U
79-00-6	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10081-02-5	trans-1,3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
106-10-1	4-Methyl-2-Pentanone	3	U
541-73-5	2-Hexanone	5	U
127-13-4	Tetrachloroethene	1	U
75-34-3	1,1,2,2-Tetrachloroethane	1	U
106-98-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
95-12-3	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR314167

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7762

Lab Name: [REDACTED]

Contract: 68D90135

Lab Code: [REDACTED] Case No.: 19797

SAS No.: 7572HG

SDG No.: SC7756

Lab Sample ID: 93040571

Date Received: 04/23/93

Lab File ID: 040571

Date Analyzed: 05/01/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/L		g
74-87-3	Chloromethane	1	U	U
74-83-9	Bromomethane	1	U	U
75-01-4	Vinyl Chloride	1	U	U
75-00-3	Chloroethane	1	U	U
75-09-2	Methylene Chloride	2	U	U
67-64-1	Acetone	5	U	U
75-15-0	Carbon Disulfide	1	U	U
75-35-4	1,1-Dichloroethane	1	U	U
75-34-3	1,1-Dichloroethane	1	U	U
156-60-5	Trans-1,2-Dichloroethane	1	U	U
540-59-0	cis-1,2-Dichloroethane	1	U	U
67-66-3	Chloroform	1	U	U
107-06-2	1,2-Dichloroethane	1	U	U
78-93-3	2-Butanone	5	U	U
71-55-6	1,1,1-Trichloroethane	1	U	U
56-23-5	Carbon Tetrachloride	1	U	U
75-27-4	Bromodichloromethane	1	U	U
74-97-5	Bromochloromethane	1	U	U
78-87-5	1,2-Dichloropropane	1	U	U
10061-01-5	cis-1,3-Dichloropropane	1	U	U
79-01-6	Trichloroethene	1	U	U
124-48-1	Dibromochloromethane	1	U	U
79-00-5	1,1,2-Trichloroethane	1	U	U
71-43-2	Benzene	1	U	U
10061-02-6	trans-1,3-Dichloropropane	1	U	U
75-25-2	Bromoform	1	U	U
106-10-1	4-Methyl-2-Pentanone	5	U	U
591-73-6	2-Hexanone	5	U	U
127-18-4	Tetrachloroethane	1	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U	U
108-88-3	Toluene	1	U	U
108-90-7	Chlorobenzene	1	U	U
100-41-4	Ethylbenzene	1	U	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U	U
100-42-5	Styrene	1	U	U
1330-20-7	Xylene (total)	1	U	U
106-93-4	1,2-Dibromoethane	1	U	U
95-50-1	1,2 Dichlorobenzene	1	U	U
106-46-7	1,4 Dichlorobenzene	1	U	U
541-73-1	1,3 Dichlorobenzene	1	U	U

AR311168

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7763

Lab Name: [REDACTED] Contract: 68090135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756
 Lab Sample ID: 93040572 Date Received: 04/23/93
 Lab File ID: 040572 Date Analyzed: 05/01/93
 Purge Volume: 25 mL Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-2	1, 1-Dichloroethane	1	U
75-34-3	1, 1-Dichloroethane	1	U
138-40-3	Trans-1, 2-Dichloroethane	1	U
540-59-0	cis-1, 2-Dichloroethane	1	U
67-55-3	Chloroform	1	U
107-06-2	1, 2-Dichloroethane	1	U
75-93-3	2-Butanone	5	U
71-55-5	1, 1, 1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-3	Bromochloromethane	1	U
75-97-3	1, 2-Dichloropropane	1	U
10061-01-5	cis-1, 3-Dichloropropane	1	U
79-01-5	Trichloroethane	1	U
124-42-1	Dibromochloromethane	1	U
79-00-5	1, 1, 2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-5	trans-1, 3-Dichloropropane	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
691-78-5	2-Hexanone	5	U
127-18-4	Tetrachloroethane	1	U
79-34-5	1, 1, 2, 2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
95-12-8	1, 2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1, 2-Dibromoethane	1	U
95-50-1	1, 2 Dichlorobenzene	1	U
106-46-7	1, 4 Dichlorobenzene	1	U
541-73-1	1, 3 Dichlorobenzene	1	U

AR311169

EPA 084498

4091

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: XXXXXXXXXX

Contract: 62D90135

ORIGINAL SC7764
(Red)

Lab Code: XXXXXX

Case No.: 19797

GAS No.: 7572HG

SDG No.: SC7736

Lab Sample ID: 93040573

Date Received: 04/23/93

Lab File ID: 040573

Date Analyzed: 05/01/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
			g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	3	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethane	1	U
540-59-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR3-1170

0100

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

ORIGINAL
(Red)

SC7765

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Lab Sample ID: 93040574 Date Received: 04/23/93
 Lab File ID: 040574 Date Analyzed: 05/01/93
 Purge Volume: 25 mL Dilution Factor: 1.0

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

CAS NO.	COMPOUND	UG/L	g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-1	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
155-60-5	Trans-1,2-Dichloroethane	1	U
540-59-0	Cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-7	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-5	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2 Dichlorobenzene	1	U
106-46-7	1,4 Dichlorobenzene	1	U
541-73-1	1,3 Dichlorobenzene	1	U

AR31171

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7766

Lab Name: XXXXXXXXXX Contract: 68D90135
 Lab Code: XXXXXX Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Lab Sample ID: 93040573 Date Received: 04/23/93
 Lab File ID: 040573 Date Analyzed: 05/01/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	6	1	U
67-64-1	Acetone	5	1	U
75-15-0	Carbon Disulfide	1	1	U
75-33-4	1,1-Dichloroethane	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
156-60-5	Trans-1,2-Dichloroethane	1	1	U
340-69-0	cis-1,2-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone	5	1	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
74-97-5	Bromochloromethane	1	1	U
78-37-5	1,2-Dichloropropane	1	1	U
10061-01-5	cis-1,3-Dichloropropane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
10061-02-5	trans-1,3-Dichloropropane	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone	5	1	U
591-78-6	2-Hexanone	5	1	U
127-18-4	Tetrachloroethene	1	1	U
79-04-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
105-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
100-42-5	Styrene	1	1	U
1330-20-7	Xylene (total)	1	1	U
106-93-4	1,2-Dibromoethane	1	1	U
95-50-1	1,2 Dichlorobenzene	1	1	U
106-46-7	1,4 Dichlorobenzene	1	1	U
541-73-1	1,3 Dichlorobenzene	1	1	U

AR31172

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7767

Lab Name: [REDACTED]

Contract: 68D90135

Lab Code: [REDACTED] Case No.: 19797

SAS No.: 7572HQ

SDG No.: SC7756

Lab Sample ID: 93040576

Date Received: 04/23/93

Lab File ID: 040576

Date Analyzed: 05/01/93

Purge Volume(dw/med) LOW

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-87-3	Chloromethane	1	U	
74-83-9	Bromomethane	1	U	
75-01-4	Vinyl Chloride	1	U	
75-00-3	Chloroethane	1	U	
75-09-2	Methylene Chloride	5		
67-64-1	Acetone	13		
75-15-0	Carbon Disulfide	1	U	
75-35-4	1,1-Dichloroethane	1	U	
75-34-3	1,1-Dichloroethane	1	U	
156-60-5	Trans-1,2-Dichloroethane	1	U	
540-59-0	cis-1,2-Dichloroethane	1	U	
67-66-3	Chloroform	1	U	
107-06-2	1,2-Dichloroethane	1	U	
78-93-3	2-Butanone	5	U	
71-55-6	1,1,1-Trichloroethane	1	U	
56-23-5	Carbon Tetrachloride	1	U	
75-27-4	Bromodichloromethane	1	U	
74-97-5	Bromochloromethane	1	U	
78-87-5	1,2-Dichloropropane	1	U	
10061-01-5	cis-1,3-Dichloropropane	1	U	
79-01-6	Trichloroethane	1	U	
124-48-1	Dibromochloromethane	1	U	
79-00-5	1,1,2-Trichloroethane	1	U	
71-43-2	Benzene	1	U	
10061-02-6	trans-1,3-Dichloropropane	1	U	
75-25-2	Bromoform	1	U	
108-10-1	4-Methyl-2-Pentanone	5	U	
591-78-6	2-Hexanone	5	U	
127-18-4	Tetrachloroethane	1	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	U	
108-88-3	Toluene	1	U	
108-90-7	Chlorobenzene	1	U	
100-41-4	Ethylbenzene	1	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	U	
100-42-5	Styrene	1	U	
1330-20-7	Xylene (total)	1	U	
106-93-4	1,2-Dibromoethane	1	U	
95-50-1	1,2 Dichlorobenzene	1	U	
106-46-7	1,4 Dichlorobenzene	1	U	
541-73-1	1,3 Dichlorobenzene	1	U	

EPA 084502

0128

AR311173

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC776B

Lab Name: [REDACTED] Contract: 66D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG EDG No.: SC7758
 Lab Sample ID: 93040577 Date Received: 04/23/93
 Lab File ID: 040577R Date Analyzed: 05/03/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-97-3	Chloromethane	1	U	U
74-83-9	Bromomethane	1	U	U
75-01-4	Vinyl Chloride	1	U	U
75-00-3	Chloroethane	1	U	U
75-09-2	Methylene Chloride	4	U	U
67-64-1	Acetone	5	U	U
75-15-0	Carbon Disulfide	1	U	U
75-35-4	1,1-Dichloroethane	1	U	U
75-34-3	1,1-Dichloroethane	1	U	U
156-60-5	Trans-1,2-Dichloroethene	1	U	U
540-59-0	cis-1,2-Dichloroethene	1	U	U
67-66-3	Chloroform	1	U	U
107-06-2	1,2-Dichloroethane	1	U	U
78-93-2	2-Butanone	5	U	U
71-55-6	1,1,1-Trichloroethane	1	U	U
56-23-5	Carbon Tetrachloride	1	U	U
75-27-4	Bromodichloromethane	1	U	U
74-97-5	Bromochloromethane	1	U	U
78-97-5	1,2-Dichloropropane	1	U	U
10061-01-5	cis-1,3-Dichloropropene	1	U	U
79-01-6	Trichloroethene	1	U	U
124-48-1	Dibromochloromethane	1	U	U
79-00-5	1,1,2-Trichloroethane	1	U	U
71-43-2	Benzene	1	U	U
10061-02-6	trans-1,3-Dichloropropene	1	U	U
75-25-2	Bromoform	1	U	U
108-10-1	4-Methyl-2-Pentanone	5	U	U
591-78-6	2-Hexanone	5	U	U
127-18-4	Tetrachloroethene	1	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U	U
108-88-3	Toluene	1	U	U
108-90-7	Chlorobenzene	1	U	U
100-41-4	Ethylbenzene	1	U	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U	U
100-42-5	Styrene	1	U	U
1330-20-7	Xylene (total)	1	U	U
106-93-4	1,2-Dibromoethane	1	U	U
95-50-1	1,2 Dichlorobenzene	1	U	U
106-46-7	1,4 Dichlorobenzene	1	U	U
541-73-1	1,3 Dichlorobenzene	1	U	U

EPA 084503
AR311174

0140

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7756

Lab Name: XXXXXXXXXX Contract: 6SD90135
 Lab Code: XXXXXX Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Lab Sample ID: 93040578 Date Received: 04/23/93
 Lab File ID: 040578 Date Analyzed: 05/01/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	6	
67-64-1	Acetone	13	
75-15-0	Carbon Disulfide	1	U
78-35-4	1,1-Dichloroethane	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethane	1	U
840-59-0	cis-1,2-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR311175

EPA 084504

0149

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: XXXXXXXXXX Contract: 68D90135 ORIGINAL (Red) SC7770
 Lab Code: XXXXXX Case No.: 19797 SAS No.: 79724G SDG No.: SC7756
 Lab Sample ID: 93040579 Date Received: 04/23/93
 Lab File ID: 040579 Date Analyzed: 05/01/93
 Purge Volume: 25 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	IU
74-83-9	Bromomethane	1	IU
75-01-4	Vinyl Chloride	1	IU
75-00-3	Chloroethane	1	IU
75-09-2	Methylene Chloride	4	IU
67-64-1	Acetone	5	IU
75-15-0	Carbon Disulfide	1	IU
75-35-4	1,1-Dichloroethane	1	IU
75-34-3	1,1-Dichloroethane	1	IU
156-60-5	Trans-1,2-Dichloroethene	1	IU
540-69-0	cis-1,2-Dichloroethene	1	IU
67-66-3	Chloroform	1	IU
107-06-2	1,2-Dichloroethane	1	IU
78-93-3	2-Butanone	5	IU
71-55-6	1,1,1-Trichloroethane	1	IU
56-23-5	Carbon Tetrachloride	1	IU
75-27-4	Bromodichloromethane	1	IU
74-97-5	Bromochloromethane	1	IU
78-87-5	1,2-Dichloropropane	1	IU
10061-01-3	cis-1,3-Dichloropropane	1	IU
79-01-6	Trichloroethene	1	IU
124-48-1	Dibromochloromethane	1	IU
79-00-5	1,1,2-Trichloroethane	1	IU
71-43-2	Benzene	1	IU
10061-02-6	trans-1,3-Dichloropropane	1	IU
75-25-2	Bromoform	1	IU
108-10-1	4-Methyl-2-Pentanone	5	IU
591-78-6	2-Hexanone	5	IU
127-18-4	Tetrachloroethene	1	IU
79-34-5	1,1,2,2-Tetrachloroethane	1	IU
108-88-3	Toluene	1	IU
108-90-7	Chlorobenzene	1	IU
100-41-4	Ethylbenzene	1	IU
96-12-8	1,2-Dibromo-3-chloropropane	1	IU
100-42-5	Styrene	1	IU
1330-20-7	Xylene (total)	1	IU
106-93-4	1,2-Dibromoethane	1	IU
95-50-1	1,2 Dichlorobenzene	1	IU
106-46-7	1,4 Dichlorobenzene	1	IU
541-73-1	1,3 Dichlorobenzene	1	IU

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC7772

Lab Name: [REDACTED]

Contract: 68D90135

Lab Code: [REDACTED]

Case No.: 19797

SAS No.: 7972HQ

SDG No.: SC7756

Lab Sample ID: 93040530

Date Received: 04/23/93

Lab File ID: 040530

Date Analyzed: 05/01/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-37-3	Chloromethane	1	U	U
74-33-9	Bromomethane	1	U	U
75-01-4	Vinyl Chloride	1	U	U
75-00-3	Chloroethane	1	U	U
75-09-2	Methylene Chloride	3	U	U
67-64-1	Acetone	5	U	U
75-15-0	Carbon Disulfide	1	U	U
75-35-4	1,1-Dichloroethane	1	U	U
75-34-3	1,1-Dichloroethane	1	U	U
136-60-8	Trans-1,2-Dichloroethane	1	U	U
540-59-0	cis-1,2-Dichloroethane	1	U	U
67-66-3	Chloroform	1	U	U
107-06-2	1,2-Dichloroethane	1	U	U
78-93-3	2-Butanone	5	U	U
71-55-6	1,1,1-Trichloroethane	1	U	U
56-23-5	Carbon Tetrachloride	1	U	U
75-27-4	Bromodichloromethane	1	U	U
74-97-5	Bromochloromethane	1	U	U
78-57-5	1,2-Dichloropropane	1	U	U
10061-01-5	cis-1,3-Dichloropropene	1	U	U
79-01-6	Trichloroethane	1	U	U
124-48-1	Dibromochloromethane	1	U	U
79-00-5	1,1,2-Trichloroethane	1	U	U
71-43-2	Benzene	1	U	U
10061-02-6	trans-1,3-Dichloropropene	1	U	U
75-25-2	Bromoform	1	U	U
108-10-1	4-Methyl-2-Pentanone	5	U	U
591-78-6	2-Hexanone	5	U	U
127-18-4	Tetrachloroethane	1	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U	U
108-88-3	Toluene	1	U	U
108-90-7	Chlorobenzene	1	U	U
100-41-4	Ethylbenzene	1	U	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U	U
100-42-5	Styrene	1	U	U
1330-20-7	Xylene (total)	1	U	U
106-93-4	1,2-Dibromoethane	1	U	U
95-50-1	1,2 Dichlorobenzene	1	U	U
106-46-7	1,4 Dichlorobenzene	1	U	U
541-73-1	1,3 Dichlorobenzene	1	U	U

AR311779

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: ██████████

Contract: 68D9013 (Red) ORIGINAL

SC7773

Lab Code: ██████████

Case No.: 19797

SAS No.: 7572HQ

SDG No.: SC7756

Lab Sample ID: 93040581

Date Received: 04/23/93

Lab File ID: 040581

Date Analyzed: 05/01/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	3		U
67-64-1	Acetone	5		U
75-15-0	Carbon Disulfide	1		U
75-26-4	1,1-Dichloroethane	1		U
75-34-3	1,1-Dichloroethane	1		U
156-60-5	Trans-1,2-Dichloroethane	1		U
540-69-0	cis-1,2-Dichloroethane	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
78-93-3	2-Butanone	5		U
71-55-5	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
74-97-5	Bromochloromethane	1		U
78-97-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropane	1		U
79-01-5	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
79-00-5	1,1,2-Trichloroethane	1		U
71-43-2	Benzene	1		U
10061-02-5	trans-1,3-Dichloropropene	1		U
75-25-2	Bromoform	1		U
108-10-1	4-Methyl-2-Pentanone	5		U
591-78-6	2-Hexanone	5		U
127-18-4	Tetrachloroethene	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
96-12-8	1,2-Dibromo-3-chloropropane	1		U
100-42-5	Styrene	1		U
1330-20-7	Xylene (total)	1		U
106-93-4	1,2-Dibromoethane	1		U
95-50-1	1,2 Dichlorobenzene	1		U
106-46-7	1,4 Dichlorobenzene	1		U
541-73-1	1,3 Dichlorobenzene	1		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

ORIGINAL
(Red)

SC777

Lab Name: [REDACTED]

Contract: 68D90135

Lab Code: [REDACTED]

Case No.: 19797

SAS No.: 7572HG

SDG No.: SC7756

Lab Sample ID: 93040582

Date Received: 04/23/93

Lab File ID: 040582

Date Analyzed: 05/01/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-87-3	Chloromethane	1	1U	
74-83-9	Bromomethane	1	1U	
75-01-4	Vinyl Chloride	1	1U	
75-00-3	Chloroethane	1	1U	
75-09-2	Methylene Chloride	2	1U	
67-64-1	Acetone	5	1U	
75-15-0	Carbon Disulfide	1	1U	
75-35-4	1,1-Dichloroethane	1	1U	
75-34-3	1,1-Dichloroethane	1	1U	
156-50-3	Trans-1,2-Dichloroethene	1	1U	
540-59-0	cis-1,2-Dichloroethene	1	1U	
67-66-3	Chloroform	1	1U	
107-06-2	1,2-Dichloroethane	1	1U	
78-93-3	2-Butanone	5	1U	
71-55-6	1,1,1-Trichloroethane	1	1U	
56-23-5	Carbon Tetrachloride	1	1U	
75-27-4	Bromodichloromethane	1	1U	
74-97-5	Bromochloromethane	1	1U	
78-87-5	1,2-Dichloropropane	1	1U	
10061-01-5	cis-1,3-Dichloropropane	1	1U	
79-01-6	Trichloroethene	1	1U	
124-46-1	Dibromochloromethane	1	1U	
79-00-5	1,1,2-Trichloroethane	1	1U	
71-43-2	Benzene	1	1U	
10061-02-5	trans-1,3-Dichloropropene	1	1U	
75-25-2	Bromoform	1	1U	
108-10-1	4-Methyl-2-Pentanone	5	1U	
591-78-6	2-Hexanone	5	1U	
127-18-4	Tetrachloroethene	1	1U	
79-34-5	1,1,2,2-Tetrachloroethane	1	1U	
108-88-3	Toluene	1	1U	
108-90-7	Chlorobenzene	1	1U	
100-41-4	Ethylbenzene	1	1U	
96-12-8	1,2-Dibromo-3-chloropropane	1	1U	
100-42-5	Styrene	1	1U	
1330-20-7	Xylene (total)	1	1U	
106-93-4	1,2-Dibromoethane	1	1U	
95-50-1	1,2 Dichlorobenzene	1	1U	
106-46-7	1,4 Dichlorobenzene	1	1U	
541-73-1	1,3 Dichlorobenzene	1	1U	

AR311479

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: ██████████

Contract: 68D90135

ORIGINAL
(Red)

SC7774RE

Lab Code: ██████████ Case No.: 19797

SAS No.: 7572HQ

SDG No.: SC7756

Lab Sample ID: 93040582

Date Received: 04/23/93

Lab File ID: 040582R

Date Analyzed: 05/03/93

Purge Volume: 25 mL

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	2	1	U
67-64-1	Acetone	5	1	U
75-15-0	Carbon Disulfide	1	1	U
75-35-4	1,1-Dichloroethane	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
156-60-5	Trans-1,2-Dichloroethene	1	1	U
540-59-0	cis-1,2-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone	5	1	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
74-97-5	Bromochloromethane	1	1	U
78-87-5	1,2-Dichloropropane	1	1	U
10061-01-5	cis-1,3-Dichloropropene	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
10061-02-6	trans-1,3-Dichloropropene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone	5	1	U
591-78-6	2-Hexanone	5	1	U
127-18-4	Tetrachloroethane	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
100-42-5	Styrene	1	1	U
1330-20-7	Xylene (total)	1	1	U
106-93-4	1,2-Dibromoethane	1	1	U
95-50-1	1,2 Dichlorobenzene	1	1	U
106-46-7	1,4 Dichlorobenzene	1	1	U
541-73-1	1,3 Dichlorobenzene	1	1	U

AR31F180

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: XXXXXXXXXX Contract: 62D90135
 Lab Code: XXXXXX Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Lab Sample ID: 93040583 Date Received: 04/23/93
 Lab File ID: 040583 Date Analyzed: 05/01/93
 Purge Volume: 25 mL Dilution Factor: 1.0

SC7756
SC7756

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	2		U
57-64-1	Acetone	5		U
75-15-0	Carbon Disulfide	1		U
75-35-4	1,1-Dichloroethane	1		U
75-34-3	1,1-Dichloroethane	1		U
156-60-5	Trans-1,2-Dichloroethane	1		U
340-59-0	cis-1,2-Dichloroethane	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
78-93-3	2-Butanone	5		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
74-97-5	Bromochloromethane	1		U
78-27-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
79-00-5	1,1,2-Trichloroethane	1		U
71-43-2	Benzene	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
75-25-2	Bromoform	1		U
108-10-1	4-Methyl-2-Pentanone	5		U
591-78-6	2-Hexanone	5		U
127-18-4	Tetrachloroethene	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
96-12-8	1,2-Dibromo-3-chloropropane	1		U
100-42-5	Styrene	1		U
1330-20-7	Xylene (total)	1		U
106-93-4	1,2-Dibromoethane	1		U
95-50-1	1,2 Dichlorobenzene	1		U
106-46-7	1,4 Dichlorobenzene	1		U
541-73-1	1,3 Dichlorobenzene	1		U

AR311181

EPA 084510

0205

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. _____

ORIGINAL
(10) SC7737

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040545

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040545

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		g
106-95-2	Phenol	5		U
111-44-4	bis(2-Chloroethyl)Ether	5		U
95-57-3	2-Chlorophenol	5		U
95-49-7	3-Methylphenol	5		U
108-50-1	2,2'-oxybis(1-Chloropropane)	5		U
106-44-5	4-Methylphenol	5		U
621-64-7	N-Nitroso-Di-n-Propylamine	5		U
67-72-1	Hexachloroethane	5		U
98-95-3	Nitrobenzene	5		U
78-59-1	Isophorone	5		U
88-75-5	2-Nitrophenol	5		U
105-67-9	2,4-Dimethylphenol	5		U
111-91-1	bis(2-Chloroethoxy)Methane	5		U
120-83-2	2,4-Dichlorophenol	5		U
120-82-1	1,2,4-Trichlorobenzene	5		U
91-20-3	Naphthalene	5		U
106-47-3	4-Chloroaniline	5		U
87-68-3	Hexachlorobutadiene	5		U
59-30-7	4-Chloro-3-Methylphenol	5		U
91-57-6	2-Methylnaphthalene	5		U
77-47-4	Hexachlorocyclopentadiene	5		U
88-06-2	2,4,6-Trichlorophenol	5		U
95-95-4	2,4,5-Trichlorophenol	20		U
91-58-7	2-Chloronaphthalene	5		U
88-74-4	2-Nitroaniline	20		U
131-11-3	Dimethylphthalate	5		U
208-96-8	Acenaphthylene	5		U
606-20-2	2,6-Dinitrotoluene	5		U
99-09-2	3-Nitroaniline	20		U
83-32-9	Acenaphthene	5		U
51-28-5	2,4-Dinitrophenol	20		U
100-02-7	4-Nitrophenol	20		U
132-64-9	Dibenzofuran	5		U

AR311182

FORM I SV-1

EPA 084511

3/90

12
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

ORIGINAL
(Red)

SC7736

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040547

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040547

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-3	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U
106-44-3	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2, 4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2, 4-Dichlorophenol	5	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2, 4, 6-Trichlorophenol	5	U
95-95-4	2, 4, 5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2, 6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

AR311184

FORM I SV-1

EPA 084513

3/90

0.110

10
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7738

Lab Name: _____ Contract: 68D90135 (Pep)
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7738
 Matrix: (soil/water) WATER Lab Sample ID: 93040547
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040547
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	1-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-74-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311185

FORM I SV-2

3/90

EPA 084514

0411

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: ██████████████████ Contract: 68D90135

Lab Code: ██████████ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040549

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040548

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: decanted: (Y/N) Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
108-95-2	Phenol	5	IU
111-44-4	bis(2-Chloroethyl)Ether	5	IU
95-57-8	2-Chlorophenol	5	IU
95-48-7	2-Methylphenol	5	IU
108-60-1	2,2'-oxybis(1-Chloropropane)	5	IU
106-44-5	4-Methylphenol	5	IU
621-64-7	N-Nitroso-Di-n-Propylamine	5	IU
67-72-1	Hexachloroethane	5	IU
98-95-3	Nitrobenzene	5	IU
78-59-1	Isophorone	5	IU
88-75-5	2-Nitrophenol	5	IU
105-67-9	2,4-Dimethylphenol	5	IU
111-91-1	bis(2-Chloroethoxy)Methane	5	IU
120-83-2	2,4-Dichlorophenol	5	IU
120-82-1	1,2,4-Trichlorobenzene	5	IU
91-20-3	Naphthalene	5	IU
106-47-8	4-Chloroaniline	5	IU
87-68-3	Hexachlorobutadiene	5	IU
59-50-7	4-Chloro-3-Methylphenol	5	IU
91-57-6	2-Methylnaphthalene	5	IU
77-47-4	Hexachlorocyclopentadiene	5	IU
88-06-2	2,4,6-Trichlorophenol	5	IU
95-95-4	2,4,5-Trichlorophenol	20	IU
91-58-7	2-Chloronaphthalene	5	IU
88-74-4	2-Nitroaniline	20	IU
131-11-3	Dimethylphthalate	5	IU
208-96-8	Acenaphthylene	5	IU
606-20-2	2,6-Dinitrotoluene	5	IU
99-09-2	3-Nitroaniline	20	IU
83-32-9	Acenaphthene	5	IU
51-28-5	2,4-Dinitrophenol	20	IU
100-02-7	4-Nitrophenol	20	IU
132-64-9	Dibenzofuran	5	IU

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7739

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 10787 SAS No.: 7572HQ SDG No.: SC7739
 Matrix: (soil/water) WATER Lab Sample ID: 93040548
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040548
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L g

CAS NO.	COMPOUND		
121-14-2	2,4-Dinitrotoluene	5	1U
84-66-2	Diethylphthalate	5	1U
7005-72-3	4-Chlorophenyl-phenylether	5	1U
86-73-7	Fluorene	5	1U
100-01-6	4-Nitroaniline	20	1U
534-52-1	4,6-Dinitro-2-methylphenol	20	1U
86-30-6	N-Nitrosodiphenylamine (1)	5	1U
101-55-3	4-Bromophenyl-phenylether	5	1U
118-74-1	Hexachlorobenzene	5	1U
87-36-3	Pentachlorophenol	20	1U
85-01-8	Phenanthrene	5	1U
120-12-7	Anthracene	5	1U
84-74-2	Di-n-Butylphthalate	5	1U
206-44-0	Fluoranthene	5	1U
129-00-0	Pyrene	5	1U
85-68-7	Butylbenzylphthalate	5	1U
91-94-1	3,3'-Dichlorobenzidine	5	1U
56-55-3	Benzo(a)Anthracene	5	1U
218-01-9	Chrysene	5	1U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	1U
117-84-0	Di-n-Octyl Phthalate	5	1U
205-99-2	Benzo(b)Fluoranthene	5	1U
207-08-9	Benzo(k)Fluoranthene	5	1U
50-32-8	Benzo(a)Pyrene	5	1U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	1U
53-70-3	Dibenz(a,h)Anthracene	5	1U
191-24-2	Benzo(g,h,i)Perylene	5	1U

(1) - Cannot be separated from Diphenylamine

AR311187

FORM I SV-2

EPA 084516

3/90

0425

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Matrix: (soil/water) WATER Lab Sample ID: 93040549
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040549
 Level. (low/med) LOW Date Received: 04/23/93
 % Moisture: decanted: (Y/N) Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/93
 Injection Volume: 2.0(uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
95-48-7	3-Methylphenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

AR311188 FORM I SV-1

EPA 084517

3/90
0438

10
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ORIGINAL
(copy)

SC7740

Contract: 68D90135

Case No.: 19797 SAS No.: 7572HG SDG No.: SC7736

(soil/water) WATER

Lab Sample ID: 93040549

wt/vol: 1000 (g/mL) ML

Lab File ID: S040549

(low/med) LGW

Date Received: 04/23/93

pre: decanted: (Y/N)

Date Extracted: 04/23/93

rated Extract Volume: 1000 (uL)

Date Analyzed: 04/30/93

on Volume: 2.0 (uL)

Dilution Factor: 1.0

anup: (Y/N) N pH:

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
36-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
26-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
27-26-5	Pentachlorophenol	20	U
25-01-3	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
204-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
35-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

) - Cannot be separated from Diphenylamine

AR311189

FORM I SV-2

EPA 084518

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0439

ANALYSIS DATA SHEET

SC7741

Contract: 6ED90135

SAS No.: 7572HG SDG No.: SC7736

Lab Sample ID: 93040550

Lab File ID: S040550

Date Received: 04/23/93

Date Extracted: 04/23/93

Date Analyzed: 04/30/93

Dilution Factor: 1.0

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

Diethyl Ether	5	U
Methanol	5	U
Isopropanol	5	U
1,1-Dichloroethane	5	U
1,2-Dichloroethane	5	U
Di-n-Propylamine	5	U
Ethane	5	U
Gas	5	U
Hexane	5	U
Methylphenol	5	U
1,4-Dioxane	5	U
1,2-Dichlorobenzene	5	U
Benzene	5	U
Styrene	5	U
1,3-Butadiene	5	U
p-Toluenol	5	U
1,4-Naphthalene	5	U
1,2-Cyclopentadiene	5	U
1-Chlorophenol	20	U
2-Chlorophenol	5	U
1,2-Naphthalene	20	U
Styrene	5	U
Phthalate	5	U
Gas	5	U
o-Toluene	20	U
Styrene	5	U
1,2-Dichlorobenzene	20	U
1-Chlorophenol	20	U
Methanol	5	U
Gas		

10
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7742

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7735
 Matrix: (soil/water) WATER Lab Sample ID: 93040350
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040530
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		g
121-14-2	2,4-Dinitrotoluene	5	U	
84-56-2	Diethylphthalate	5	U	
7005-72-3	4-Chlorophenyl-phenyl ether	5	U	
96-73-7	Fluorene	5	U	
100-01-6	4-Nitroaniline	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	20	U	
86-30-6	N-Nitrosodiphenylamine (1)	5	U	
101-55-3	4-Bromophenyl-phenyl ether	5	U	
118-74-1	Hexachlorobenzene	5	U	
87-26-5	Pentachlorophenol	20	U	
85-01-8	Phenanthrene	5	U	
120-12-7	Anthracene	5	U	
84-74-2	Di-n-Butylphthalate	5	U	
206-44-0	Fluoranthene	5	U	
129-00-0	Pyrene	5	U	
85-58-7	Butylbenzylphthalate	5	U	
91-94-1	3,3'-Dichlorobenzidine	5	U	
56-55-3	Benzo(a)Anthracene	5	U	
218-01-9	Chrysene	5	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U	
117-84-0	Di-n-Octyl Phthalate	5	U	
205-99-2	Benzo(b)Fluoranthene	5	U	
207-08-7	Benzo(k)Fluoranthene	5	U	
50-32-8	Benzo(a)Pyrene	5	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U	
53-70-3	Dibenz(a,h)Anthracene	5	U	
191-24-2	Benzo(g,h,i)Perylene	5	U	

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG SDG No.: SC7736
 Matrix: (soil/water) WATER Lab Sample ID: 93040551
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5040551
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ Isocanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	UG/L	g
108-95-2	Phenol	5	1U
111-44-4	bis(2-Chloroethyl)Ether	5	1U
95-57-3	2-Chlorophenol	5	1U
95-48-7	2-Methylphenol	5	1U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	1U
106-44-3	4-Methylphenol	5	1U
621-64-7	N-Nitroso-Di-n-Propylamine	5	1U
67-72-1	Hexachloroethane	5	1U
98-95-3	Nitrobenzene	5	1U
78-59-1	Isophorone	5	1U
88-75-3	2-Nitrophenol	5	1U
105-67-7	2,4-Dimethylphenol	5	1U
111-91-1	bis(2-Chloroethoxy)Methane	5	1U
120-83-2	2,4-Dichlorophenol	5	1U
120-82-1	1,2,4-Trichlorobenzene	5	1U
91-20-3	Naphthalene	5	1U
106-47-8	4-Chloroaniline	5	1U
87-68-3	Hexachlorobutadiene	5	1U
59-50-7	4-Chloro-3-Methylphenol	5	1U
91-57-6	2-Methylnaphthalene	5	1U
77-47-4	Hexachlorocyclopentadiene	5	1U
88-06-2	2,4,6-Trichlorophenol	5	1U
95-95-4	2,4,5-Trichlorophenol	20	1U
91-58-7	2-Chloronaphthalene	5	1U
88-74-4	2-Nitroaniline	20	1U
131-11-3	Dimethylphthalate	5	1U
208-96-8	Acenaphthylene	5	1U
606-20-2	2,6-Dinitrotoluene	5	1U
99-09-2	3-Nitroaniline	20	1U
83-32-9	Acenaphthene	5	1U
51-28-5	2,4-Dinitrophenol	20	1U
100-02-7	4-Nitrophenol	20	1U
132-64-9	Dibenzofuran	5	1U

10
 VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7742

Contract: 68090135

Case No.: 19797

SAS No.: 7572HG

SDG No.: SC7726

11/water) WATER

Lab Sample ID: 93040551

11: 1000 (g/mL) ML

Lab File ID: S040551

low/med) LOW

Date Received: 04/23/93

decanted: (Y/N)

Date Extracted: 04/23/93

Extract Volume: 1000 (uL)

Date Analyzed: 05/01/93

Volume: 3.0 (uL)

Dilution Factor: 1.0

(Y/N) N

pH:

CONCENTRATION UNITS:

NO. COMPOUND (ug/L or ug/Kg) UG/L G

14-2	2,4-Dinitrotoluene	5	U
66-2	Diethylphthalate	5	U
5-72-3	4-Chlorophenyl-phenylether	5	U
73-7	Fluorene	5	U
0-01-6	4-Nitroaniline	20	U
4-52-1	4,6-Dinitro-2-methylphenol	20	U
30-6	N-Nitrosodiphenylamine (1)	5	U
1-55-3	4-Bromophenyl-phenylether	5	U
8-74-1	Hexachlorobenzene	5	U
86-5	Pentachlorophenol	20	U
01-8	Phenanthrene	5	U
0-12-7	Anthracene	5	U
74-2	Di-n-Butylphthalate	5	U
16-44-0	Fluoranthene	5	U
19-00-0	Pyrene	5	U
3-68-7	Butylbenzylphthalate	5	U
1-94-1	3,3'-Dichlorobenzidine	5	U
6-55-3	Benzo(a)Anthracene	5	U
18-01-9	Chrysene	5	U
17-81-7	bis(2-Ethylhexyl)Phthalate	5	U
17-84-0	Di-n-Octyl Phthalate	5	U
05-99-2	Benzo(b)Fluoranthene	5	U
07-08-9	Benzo(k)Fluoranthene	5	U
0-32-8	Benzo(a)Pyrene	5	U
93-39-5	Indeno(1,2,3-cd)Pyrene	5	U
13-70-3	Dibenz(a,h)Anthracene	5	U
91-24-2	Benzo(g,h,i)Perylene	5	U

U - Cannot be separated from Diphenylamine

AR311193

FORM I SV-2

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7743

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040552

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040552

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		G
108-95-2	Phenol	5	10	
111-44-4	bis(2-Chloroethyl) Ether	5	10	
95-57-8	2-Chlorophenol	5	10	
95-49-7	2-Methylphenol	5	10	
108-90-1	2, 2'-oxybis(1-Chloropropane)	5	10	
106-44-3	4-Methylphenol	5	10	
621-64-7	N-Nitroso-Di-n-Propylamine	5	10	
67-72-1	Hexachloroethane	5	10	
98-95-3	Nitrobenzene	5	10	
78-59-1	Isophorone	5	10	
88-75-3	2-Nitrophenol	5	10	
105-67-9	2, 4-Dimethylphenol	5	10	
111-91-1	bis(2-Chloroethoxy)Methane	5	10	
120-83-2	2, 4-Dichlorophenol	5	10	
120-82-1	1, 2, 4-Trichlorobenzene	5	10	
91-20-3	Naphthalene	5	10	
106-47-8	4-Chloroaniline	5	10	
87-68-3	Hexachlorobutadiene	5	10	
59-50-7	4-Chloro-3-Methylphenol	5	10	
91-57-6	2-Methylnaphthalene	5	10	
77-47-4	Hexachlorocyclopentadiene	5	10	
88-06-2	2, 4, 6-Trichlorophenol	5	10	
95-95-4	2, 4, 5-Trichlorophenol	20	10	
91-58-7	2-Chloronaphthalene	5	10	
88-74-4	2-Nitroaniline	20	10	
131-11-3	Dimethylphthalate	5	10	
208-96-8	Acenaphthylene	5	10	
606-20-2	2, 6-Dinitrotoluene	5	10	
99-09-2	3-Nitroaniline	20	10	
83-32-7	Acenaphthene	5	10	
51-28-5	2, 4-Dinitrophenol	20	10	
100-02-7	4-Nitrophenol	20	10	
132-64-9	Dibenzofuran	5	10	

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FORM I SV-1

EPA 084523

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10
SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7743

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7736
 Matrix: (soil/water) WATER Lab Sample ID: 93040552
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040552
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
121-14-2	2,4-Dinitrotoluene	5	U
84-56-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-5	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7744

Lab Name: _____ Contract: 62D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 75724G SDG No.: SC7736
 Matrix: (soil/water) WATER Lab Sample ID: 93040553
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040553
 Level: (low/med) LOW Data Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Data Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	UG/L	g
108-95-2	Phenol	5	1U
111-44-4	bis(2-Chloroethyl)Ether	5	1U
95-57-3	2-Chlorophenol	5	1U
95-48-7	2-Methylphenol	5	1U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	1U
106-44-3	4-Methylphenol	5	1U
621-64-7	N-Nitroso-Di-n-Propylamine	5	1U
67-72-1	Hexachloroethane	5	1U
98-95-3	Nitrobenzene	5	1U
78-59-1	Isophorone	5	1U
88-75-5	2-Nitrophenol	5	1U
105-67-9	2,4-Dimethylphenol	5	1U
111-91-1	bis(2-Chloroethoxy)Methane	5	1U
120-83-2	2,4-Dichlorophenol	5	1U
120-82-1	1,2,4-Trichlorobenzene	5	1U
91-20-3	Naphthalene	5	1U
106-47-8	4-Chloroaniline	5	1U
87-68-3	Hexachlorobutadiene	5	1U
59-50-7	4-Chloro-3-Methylphenol	5	1U
91-57-6	2-Methylnaphthalene	5	1U
77-47-4	Hexachlorocyclopentadiene	5	1U
88-06-2	2,4,6-Trichlorophenol	5	1U
95-95-4	2,4,5-Trichlorophenol	20	1U
91-58-7	2-Chloronaphthalene	5	1U
88-74-4	2-Nitroaniline	20	1U
131-11-3	Dimethylphthalate	5	1U
208-96-8	Acenaphthylene	5	1U
606-20-2	2,6-Dinitrotoluene	5	1U
99-09-2	3-Nitroaniline	20	1U
83-32-9	Acenaphthene	5	1U
51-28-5	2,4-Dinitrophenol	20	1U
100-02-7	4-Nitrophenol	20	1U
132-64-9	Dibenzofuran	5	1U

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FORM I SV-1

EPA 084525

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10
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7744

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040553

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5040553

Level: (low/med) LOW Data Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Data Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	UG/L	g
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	1-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-53-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311197

FORM I SV-2

EPA 084526

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0199

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

SC7745

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7726
 Matrix: (soil/water) WATER Lab Sample ID: 93040554
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040554
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

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

108-95-2	Phenol	5	1U
111-44-4	bis(2-Chloroethyl)Ether	5	1U
95-57-2	2-Chlorophenol	5	1U
95-48-7	2-Methylphenol	5	1U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	1U
106-44-5	4-Methylphenol	5	1U
621-64-7	N-Nitroso-Di-n-Propylamine	5	1U
67-72-1	Hexachloroethane	5	1U
98-95-3	Nitrobenzene	5	1U
78-59-1	Isophorone	5	1U
28-75-5	2-Nitrophenol	5	1U
105-67-9	2,4-Dimethylphenol	5	1U
111-91-1	bis(2-Chloroethoxy)Methane	5	1U
120-83-2	2,4-Dichlorophenol	5	1U
120-82-1	1,2,4-Trichlorobenzene	5	1U
91-20-3	Naphthalene	5	1U
106-47-8	4-Chloroaniline	5	1U
87-68-3	Hexachlorobutadiene	5	1U
59-50-7	4-Chloro-3-Methylphenol	5	1U
91-57-6	2-Methylnaphthalene	5	1U
77-47-4	Hexachlorocyclopentadiene	5	1U
88-06-2	2,4,6-Trichlorophenol	5	1U
95-95-4	2,4,5-Trichlorophenol	20	1U
91-58-7	2-Chloronaphthalene	5	1U
88-74-4	2-Nitroaniline	20	1U
131-11-3	Dimethylphthalate	5	1U
208-96-3	Acenaphthylene	5	1U
606-20-2	2,6-Dinitrotoluene	5	1U
99-09-2	3-Nitroaniline	20	1U
83-32-9	Acenaphthene	5	1U
51-28-5	2,4-Dinitrophenol	20	1U
100-02-7	4-Nitrophenol	20	1U
132-64-9	Dibenzofuran	5	1U

AR311199

FORM I SV-1

EPA 084528

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0512

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7743

Lab Name: _____ Contract: 58D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 757242 SDG No.: SC7736
 Matrix: (soil/water) WATER Lab Sample ID: 93040555
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040555
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

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

108-95-2	Phenol	5	10
111-44-4	bis(2-Chloroethyl)Ether	5	10
95-57-3	2-Chlorophenol	5	10
95-48-7	2-Methylphenol	5	10
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	10
106-44-5	4-Methylphenol	5	10
621-64-7	N-Nitroso-Di-n-Propylamine	5	10
67-72-1	Hexachloroethane	5	10
98-95-3	Nitrobenzene	5	10
78-59-1	Isophorone	5	10
88-75-3	2-Nitrophenol	5	10
105-67-9	2, 4-Dimethylphenol	5	10
111-91-1	bis(2-Chloroethoxy)Methane	5	10
120-83-2	2, 4-Dichlorophenol	5	10
120-82-1	1, 2, 4-Trichlorobenzene	5	10
91-20-3	Naphthalene	5	10
106-47-3	4-Chloroaniline	5	10
87-68-3	Hexachlorobutadiene	5	10
59-50-7	4-Chloro-3-Methylphenol	5	10
91-57-6	2-Methylnaphthalene	5	10
77-47-4	Hexachlorocyclopentadiene	5	10
88-06-2	2, 4, 6-Trichlorophenol	5	10
95-95-4	2, 4, 5-Trichlorophenol	20	10
91-58-7	2-Chloronaphthalene	5	10
88-74-4	2-Nitroaniline	20	10
131-11-3	Dimethylphthalate	5	10
208-96-8	Acenaphthylene	5	10
606-20-2	2, 6-Dinitrotoluene	5	10
99-09-2	3-Nitroaniline	20	10
83-32-9	Acenaphthene	5	10
51-28-5	2, 4-Dinitrophenol	20	10
100-02-7	4-Nitrophenol	20	10
132-64-9	Dibenzofuran	5	10

10
 13 ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7746

Contract: 68D90135

12797 SAS No.: 7372HQ SDG No.: SC7736

Lab Sample ID: 93040555

/mL) ML Lab File ID: S040555

Date Received: 04/23/93

(Y/N) Date Extracted: 04/23/93

1000 (uL) Date Analyzed: 05/01/93

) Dilution Factor: 1.0

pH: _____

CONCENTRATION UNITS:

COND (ug/L or ug/Kg) UG/L g

nitrotoluene	5	U
ylphthalate	5	U
rophenyl-phenylether	5	U
ane	5	U
oaniline	20	U
initro-2-methylphenol	20	U
rosodiphenylamine (1)	5	U
mophenyl-phenylether	5	U
hlorobenzene	5	U
hlorophenol	20	U
anthrene	5	U
acene	5	U
-Butylphthalate	5	U
anthene	5	U
re	5	U
1benzylphthalate	5	U
-Dichlorobenzidine	5	U
o(a)Anthracene	5	U
sene	5	U
2-Ethylhexyl)Phthalate	5	U
-Octyl Phthalate	5	U
o(b)Fluoranthene	5	U
o(k)Fluoranthene	5	U
o(a)Pyrene	5	U
no(1, 2, 3-cd)Pyrene	5	U
nz(a, h)Anthracene	5	U
o(g, h, i)Perylene	5	U

ated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7747

Contract: 68D90135

Case No.: 1979

SAS No.: 7572HG

SDG No.: SC7736

ORIGINAL (Red)

(soil/water) WATER

Lab Sample ID: 93040556

5/vol: 1000 (g/mL) ML

Lab File ID: S040556

(low/med) LOW

Date Received: 04/23/93

pre: decanted: (Y/N)

Date Extracted: 04/23/93

ated Extract Volume: 1000 (uL)

Date Analyzed: 05/01/93

n Volume: 2.0 (uL)

Dilution Factor: 1.0

nup: (Y/N) N pH:

CONCENTRATION UNITS:

AS NO. COMPOUND (ug/L or ug/Kg) UG/L G

29-25-2	Phenol	5	U
11-44-4	bis(2-Chloroethyl)Ether	5	U
5-57-9	2-Chlorophenol	5	U
18-7	3-methylphenol	5	U
60-1	2, 2'-oxybis(1-Chloropropane)	5	U
06-44-5	4-Methylphenol	5	U
21-64-7	N-Nitroso-Di-n-Propylamine	5	U
7-72-1	Hexachlorocathane	5	U
8-95-3	Nitrobenzene	5	U
3-59-1	Isophorone	5	U
3-75-6	2-Nitrophenol	5	U
05-67-9	2, 4-Dimethylphenol	5	U
11-91-1	bis(2-Chloroethoxy)Methane	5	U
20-83-2	2, 4-Dichlorophenol	5	U
20-82-1	1, 2, 4-Trichlorobenzene	5	U
1-20-3	Naphthalene	5	U
06-47-8	4-Chloroaniline	5	U
27-68-3	Hexachlorobutadiene	5	U
39-50-7	4-Chloro-3-Methylphenol	5	U
71-57-6	2-Methylnaphthalene	5	U
7-47-4	Hexachlorocyclopentadiene	5	U
38-06-2	2, 4, 6-Trichlorophenol	5	U
75-25-4	2, 4, 5-Trichlorophenol	20	U
71-50-7	2-Chloronaphthalene	5	U
38-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
108-96-8	Acenaphthylene	5	U
106-20-2	2, 6-Dinitrotoluene	5	U
09-2	3-Nitroaniline	20	U
32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

ORIGINAL
367447
1807

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 757E4Q SDG No.: SC773
 Matrix: (soil/water) WATER Lab Sample ID: 93040556
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040556
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	
121-14-2	2,4-Dinitrotoluene	5	U
84-66-3	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
26-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
37-86-5	Pentachlorophenol	20	U
85-01-3	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-44-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311203

FORM I SV-2

EPA 084532

3/9

051

18
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: _____ Contract: 68D90135
Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7735
Matrix: (soil/water) WATER Lab Sample ID: 93040557
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040557
Level: (low/med) LOW Date Received: 04/23/93
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

SC7748
ORIGINAL
(red)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	G
108-95-2	Phenol	5	U	U
111-44-4	bis(2-Chloroethyl)Ether	5	U	U
95-57-3	2-Chlorophenol	5	U	U
95-48-7	2-Methylphenol	5	U	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U	U
106-44-5	4-Methylphenol	5	U	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U	U
67-72-1	Hexachloroethane	5	U	U
98-95-3	Nitrobenzene	5	U	U
78-39-1	Isophorone	5	U	U
88-73-5	2-Nitrophenol	5	U	U
105-67-9	2, 4-Dimethylphenol	5	U	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U	U
120-83-2	2, 4-Dichlorophenol	5	U	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U	U
91-20-3	Naphthalene	5	U	U
106-47-8	4-Chloroaniline	5	U	U
87-68-3	Hexachlorobutadiene	5	U	U
59-50-7	4-Chloro-3-Methylphenol	5	U	U
91-57-6	2-Methylnaphthalene	5	U	U
77-47-4	Hexachlorocyclopentadiene	5	U	U
88-06-2	2, 4, 6-Trichlorophenol	5	U	U
95-95-4	2, 4, 5-Trichlorophenol	20	U	U
91-58-7	2-Chloronaphthalene	5	U	U
88-74-4	2-Nitroaniline	20	U	U
131-11-3	Dimethylphthalate	5	U	U
208-96-8	Acenaphthylene	5	U	U
606-20-2	2, 6-Dinitrotoluene	5	U	U
99-09-2	3-Nitroaniline	20	U	U
83-32-9	Acenaphthene	5	U	U
51-28-5	2, 4-Dinitrophenol	20	U	U
100-02-7	4-Nitrophenol	20	U	U
132-64-9	Dibenzofuran	5	U	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

ORIGINAL
5047
(Red)

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040558

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5040558

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.2 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

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

108-95-2	Phenol	5	1U
111-44-4	bis(2-Chloroethyl)Ether	5	1U
95-57-3	2-Chlorophenol	5	1U
75-13-7	2-Methylphenol	5	1U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	1U
106-44-5	4-Methylphenol	5	1U
621-64-7	N-Nitroso-Di-n-Propylamine	5	1U
67-72-1	Hexachloroethane	5	1U
98-95-3	Nitrobenzene	5	1U
78-59-1	Isophorone	5	1U
88-75-5	2-Nitrophenol	5	1U
105-67-9	2, 4-Dimethylphenol	5	1U
111-91-1	bis(2-Chloroethoxy)Methane	5	1U
120-83-2	2, 4-Dichlorophenol	5	1U
120-82-1	1, 2, 4-Trichlorobenzene	5	1U
91-20-3	Naphthalene	5	1U
106-47-8	4-Chloroaniline	5	1U
87-68-3	Hexachlorobutadiene	5	1U
59-50-7	4-Chloro-3-Methylphenol	5	1U
91-57-6	2-Methylnaphthalene	5	1U
77-47-4	Hexachlorocyclopentadiene	5	1U
88-06-2	2, 4, 6-Trichlorophenol	5	1U
95-95-4	2, 4, 5-Trichlorophenol	20	1U
91-58-7	2-Chloronaphthalene	5	1U
88-74-4	2-Nitroaniline	20	1U
131-11-3	Dimethylphthalate	5	1U
208-96-8	Acenaphthylene	5	1U
606-20-2	2, 6-Dinitrotoluene	5	1U
99-09-2	3-Nitroaniline	20	1U
83-32-9	Acenaphthene	5	1U
51-28-5	2, 4-Dinitrophenol	20	1U
100-02-7	4-Nitrophenol	20	1U
132-64-9	Dibenzofuran	5	1U

AR311206

FORM I SV-1

EPA 084535

3/90

0570

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

ORIGINAL
(Red)

SC7750

Lab Name: XXXXXXXXXX Contract: 62D90135

Lab Code: XXXXXX Case No.: 19707 SAS No.: 7573HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040559

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5040559

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: decanted: (Y/N) Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
95-49-7	2-Methylphenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-37-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

AR311208

FORM I SV-1

EPA 084537

3/90

0588

10
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: [REDACTED] Contract: 68D90135 SC7750
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG SDG No.: SC7750
 Matrix: (soil/water) WATER Lab Sample ID: 93040559
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5040559
 Level: (low/med) LOW Data Received: 04/23/93
 % Moisture: decanted: (Y/N) Data Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Data Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH:

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

CAS NO.	COMPOUND	UG/L	Q
121-14-2	2,4-Dinitrotoluene	5	U
84-56-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-70-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-2	N-Nitrosodiphenylamine (1)	5	U
101-55-2	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-3	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311209

FORM I SV-2

EPA 084538

3/90

0589

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

01507751
1890

Lab Name: [REDACTED] Contract: 68D90135

Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040560

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040560

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: decanted: (Y/N) Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

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

108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2, 4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2, 4-Dichlorophenol	5	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2, 4, 6-Trichlorophenol	5	U
95-95-4	2, 4, 5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2, 6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

FORM I SV-1

AR311210

EPA 084539

3/9
0602

IC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

ORIGINAL
SC7751

Lab Name: _____ Contract: 62D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7751

Matrix: (soil/water) WATER Lab Sample ID: 93040560

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040560

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	UG/L	g
121-14-2	2,4-Dinitrotoluene	5	1U
84-66-2	Diethylphthalate	5	1U
7005-72-3	4-Chlorophenyl-phenylether	5	1U
86-73-7	Fluorene	5	1U
100-01-5	3-Nitroaniline	20	1U
534-52-1	4,6-Dinitro-2-methylphenol	20	1U
86-30-6	N-Nitrosodiphenylamine (1)	5	1U
101-55-3	4-Bromophenyl-phenylether	5	1U
118-74-1	Hexachlorobenzene	5	1U
87-86-5	Pentachlorophenol	20	1U
85-01-8	Phenanthrene	5	1U
120-12-7	Anthracene	5	1U
84-74-2	Di-n-Butylphthalate	5	1U
206-44-0	Fluoranthene	5	1U
129-00-0	Pyrene	5	1U
85-68-7	Butylbenzylphthalate	5	1U
91-94-1	3,3'-Dichlorobenzidine	5	1U
56-55-3	Benzo(a)Anthracene	5	1U
218-01-9	Chrysene	5	1U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	1U
117-84-0	Di-n-Octyl Phthalate	5	1U
205-99-2	Benzo(b)Fluoranthene	5	1U
207-08-9	Benzo(k)Fluoranthene	5	1U
50-32-8	Benzo(a)Pyrene	5	1U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	1U
53-70-3	Dibenz(a,h)Anthracene	5	1U
191-24-2	Benzo(g,h,i)Perylene	5	1U

(1) - Cannot be separated from Diphenylamine

AR311211

FORM I SV-2

EPA 084540

3/90

0603

1B
SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

ORIGINAL
RSC7752

Lab Name: _____ Contract: 62D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Matrix: (soil/water) WATER Lab Sample ID: 93040561
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040561
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	g
108-95-2	Phenol	5	10	
111-44-4	bis(2-Chloroethyl)Ether	5	10	
95-57-8	2-Chlorophenol	5	10	
95-49-7	2-Methylphenol	5	10	
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	10	
106-44-5	4-Methylphenol	5	10	
621-64-7	N-Nitroso-Di-n-Propylamine	5	10	
67-72-1	Hexachloroethane	5	10	
98-95-3	Nitrobenzene	5	10	
78-59-1	Isophorone	5	10	
88-75-5	2-Nitrophenol	5	10	
105-67-7	2, 4-Dimethylphenol	5	10	
111-91-1	bis(2-Chloroethoxy)Methane	5	10	
120-83-2	2, 4-Dichlorophenol	5	10	
120-82-1	1, 2, 4-Trichlorobenzene	5	10	
91-20-3	Naphthalene	5	10	
106-47-8	4-Chloroaniline	5	10	
87-68-3	Hexachlorobutadiene	5	10	
59-50-7	4-Chloro-3-Methylphenol	5	10	
91-57-6	2-Methylnaphthalene	5	10	
77-47-4	Hexachlorocyclopentadiene	5	10	
88-06-2	2, 4, 6-Trichlorophenol	5	10	
95-95-4	2, 4, 5-Trichlorophenol	20	10	
91-58-7	2-Chloronaphthalene	5	10	
88-74-4	2-Nitroaniline	20	10	
131-11-3	Dimethylphthalate	5	10	
208-96-8	Acenaphthylene	5	10	
606-20-2	2, 6-Dinitrotoluene	5	10	
99-09-2	3-Nitroaniline	20	10	
83-32-9	Acenaphthene	5	10	
51-28-5	2, 4-Dinitrophenol	20	10	
100-02-7	4-Nitrophenol	20	10	
132-64-9	Dibenzofuran	5	10	

AR311212

FORM I SV-1

EPA 084541

3/90

0618

10
 SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7752

Contract: 68090135

Case No.: 19797 SAS No.: 7372HG SDG No.: SC7736

(soil/water) WATER Lab Sample ID: 93040561

wt/vol: 1000 (g/mL) ML Lab File ID: S040561

(low/med) LOW Date Received: 04/23/93

ture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93

strated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

ion Volume: 2.0 (uL) Dilution Factor: 1.0

leanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	CONCENTRATION UNITS	UG/L	G
121-14-2	2,4-Dinitrotoluene	5	U	
84-66-2	Diethylphthalate	5	U	
7005-72-3	4-Chlorophenyl-phenylether	5	U	
86-73-7	Fluorene	5	U	
100-01-9	4-Nitroaniline	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	20	U	
86-30-6	N-Nitrosodiphenylamine (1)	5	U	
101-55-3	4-Bromophenyl-phenylether	5	U	
118-74-1	Hexachlorobenzene	5	U	
87-86-8	Pentachlorophenol	20	U	
85-01-2	Phenanthrene	5	U	
120-12-7	Anthracene	5	U	
84-74-2	Di-n-Butylphthalate	5	U	
206-44-0	Fluoranthene	5	U	
129-00-0	Pyrene	5	U	
85-68-7	Butylbenzylphthalate	5	U	
91-94-1	3,3'-Dichlorobenzidine	5	U	
56-55-3	Benzo(a)Anthracene	5	U	
218-01-9	Chrysene	5	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U	
117-84-0	Di-n-Octyl Phthalate	5	U	
205-99-2	Benzo(b)Fluoranthene	5	U	
207-08-9	Benzo(k)Fluoranthene	5	U	
50-32-8	Benzo(a)Pyrene	5	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U	
53-70-3	Dibenz(a,h)Anthracene	5	U	
191-24-2	Benzo(g,h,i)Perylene	5	U	

(1) - Cannot be separated from Diphenylamine

AR311213

FORM I SV-2

EPA 084542

7619

3/90

SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: [REDACTED] Contract: 82D90135

7/11/93
GC7753

Lab Code: [REDACTED] Case No: 18767 CAS No.: 757540 BEG No.: 807732

Matrix: (soil/water) WATER Lab Sample ID: 83040562

Sample wt/vol 1000 (g/mL) ML Lab File ID: 8040562

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1 0

SFO Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

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

108-88-2	Phenol	5	U
111-41-4	Bis(2-Chloroethyl)Ether	5	U
88-47-3	2-Chlorophenol	5	U
68-48-7	2-Methylphenol	5	U
108-90-1	2,2'-oxybis(1-Chloropropane)	5	U
108-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachlorocyclopentadiene	5	U
98-95-3	Nitrobenzene	5	U
78-56-1	Toluene	5	U
88-76-3	2-Nitrophenol	5	U
108-67-9	2,4-Dimethylphenol	5	U
111-41-1	Bis(2-Chloroethoxy)Methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-58-3	Hexachlorobutadiene	5	U
88-90-7	4-Chloro-3-Methylphenol	5	U
91-37-4	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
96-93-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ORIGINAL
ID: SC7753

Lab Name: [REDACTED] Contract: 68090175
 Lab Code: [REDACTED] Case No.: 18797 SAS No.: 757190 SDG No.: 607702
 Matrix: (soil/water) WATER Lab Sample ID: 93040562
 Sample Wt/vol: 1000 (g/mL) ML Lab File ID: 9040562
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	g
121-14-2	2,4-Dinitrotoluene	5	U
84-96-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
84-73-7	Fluorene	5	U
100-01-5	4-Nitroaniline	20	U
634-52-1	4,4-Dinitro-2-methylphenol	20	U
84-30-9	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-71-1	Hexachlorobenzene	5	U
87-86-0	Pentachlorophenol	20	U
85-01-9	Benanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
89-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-2	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-6	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311215

FORM I SV-2

EPA 084544

3/91
0633

13
SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: [REDACTED] Contract: 88D90138

807734
ORIGINAL
(Red)

Lab Code: [REDACTED] Case No.: 18797 GAS No.: 737250 SDG No.: 807734

Matrix: (soil/water) WATER Lab Sample ID: 93040363

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 8040363

Level: (100/mgd) LOW Date Received: 04/23/93

% Moisture: Decanted: (Y/N) Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (UL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

GAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
102-95-2	Phenol	5	1U
111-44-1	bis(2-Chloroethyl)Ether	5	1U
51-47-5	2-Chlorophenol	5	1U
65-29-7	2-Methylphenol	5	1U
102-50-1	2, 2'-oxybis(1-Chloropropane)	5	1U
106-44-3	4-Methylphenol	5	1U
821-64-7	N-Nitroso-Di-n-Propylamine	5	1U
67-72-1	Hexachloroethane	5	1U
98-95-3	Nitrobenzene	5	1U
73-59-1	Isophorone	5	1U
88-78-6	2-Nitrophenol	5	1U
105-87-2	2, 4-Dimethylphenol	5	1U
111-91-1	bis(2-Chloroethoxy)Methane	5	1U
120-83-2	2, 4-Dichlorophenol	5	1U
120-82-1	1, 2, 4-Trichlorobenzene	5	1U
91-20-2	Naphthalene	5	1U
106-47-8	4-Chloroaniline	5	1U
67-98-6	Hexachlorobutadiene	5	1U
69-80-7	1-Chloro-3-Methylphenol	5	1U
91-57-5	2-Methylnaphthalene	5	1U
77-47-4	Hexachlorocyclopentadiene	5	1U
88-06-2	2, 4, 6-Trichlorophenol	5	1U
95-95-4	2, 4, 5-Trichlorophenol	20	1U
91-58-7	2-Chloronaphthalene	5	1U
88-74-4	2-Nitroaniline	20	1U
131-11-3	Dimethylnthalate	5	1U
208-96-8	Acenaphthylene	5	1U
606-20-2	2, 6-Dinitrotoluene	5	1U
99-09-2	3-Nitroaniline	20	1U
83-32-9	Acenaphthene	5	1U
91-28-5	2, 4-Dinitrophenol	20	1U
100-02-7	4-Nitrophenol	20	1U
132-64-9	Dibenzofuran	5	1U

SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7736A
1/20/93

Name: [REDACTED] Contract: 66290133

Code: [REDACTED] Case No: 19787 SAS No.: 787249 SDG No.: SC7736

Matrix: (Soil/Water) WATER Lab Sample ID: 92040563

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 6040563

Level: (Low/med) LOW Date Received: 04/23/93

Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

EPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/kg) UG/L

CAS NO.	COMPOUND	UG/L	g
121-14-3	2,4-Dinitrotoluene	5	U
2180-2	Dibutylphthalate	5	U
7005-71-2	4-Chlorophenyl-phenylether	5	U
85-73-7	Fluorene	5	U
100-01-6	1-Nitrobenziline	20	U
834-82-1	4,6-Dinitro-2-necnylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-83-2	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-1	Pentachlorophenol	20	U
85-01-8	Benanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
86-85-0	Benzo(a)Anthracene	5	U
218-01-4	Chrysene	5	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-02-9	Benzo(k)Fluoranthene	5	U
50-32-6	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
83-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311217

FORM I SV-2

EPA 084546

3/90
0647

13
 SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

ORIGINAL EPA SAMPLE NO.
 (Red)

807755

Lab Name: [REDACTED] Contract: 68890136

Lab Code: [REDACTED] Case No.: 18777 SAC No.: 767840 SOG No.: 807755

Matrix: Soil/Water WATER Lab Sample ID: 23040564

Sample Vol: 1000 (g/mL) ML Lab File ID: 8040564

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: [REDACTED] Recanted: (Y/N) [REDACTED] Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) [REDACTED] pH: [REDACTED]

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/kg)	UG/L
108-94-2	Phenol	5	10
111-22-1	Di(2-Chloroethyl) Ether	5	10
91-57-8	2-Chlorophenol	5	10
95-49-7	1-Methylphenol	5	10
106-60-1	1,2'-oxybis(1-Chloropropane)	5	10
109-44-3	1-Methylphenol	5	10
891-54-7	N-Nitroso-Di-n-Propylamine	5	10
87-73-1	Hexachloroethane	5	10
99-93-3	Toluene	5	10
78-57-1	Acetone	5	10
89-73-5	2-Nitrophenol	5	10
106-61-9	1,4-Dimethylphenol	5	10
111-26-1	Di(2-Chloroethoxy)Methane	5	10
120-82-2	2,4-Dichlorophenol	5	10
120-82-1	1,2,4-Trichlorobenzene	5	10
91-20-3	Naphthalene	5	10
106-47-8	4-Chloroaniline	5	10
87-63-3	Hexachlorobutadiene	5	10
88-50-7	4-Chloro-3-Methylphenol	5	10
91-57-8	2-Methylnaphthalene	5	10
77-47-4	Hexachlorocyclopentadiene	5	10
88-06-3	2,4,6-Trichlorophenol	5	10
95-95-4	2,4,6-Trichlorophenol	20	10
91-58-7	2-Chloronaphthalene	5	10
88-74-4	2-Nitroaniline	20	10
131-11-3	Dimethylphthalate	5	10
208-96-3	Acenaphthylene	5	10
606-20-2	2,6-Dinitrotoluene	5	10
99-09-2	3-Nitroaniline	20	10
83-32-9	Acenaphthene	5	10
51-28-5	2,4-Dinitrophenol	20	10
100-02-7	4-Nitrophenol	20	10
132-64-9	Dibenzofuran	5	10

AR3 F1218

10
SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ORIGINAL
(Red)

Lab Name: [REDACTED] Contract: 82890135

Lab Code: [REDACTED] Case No.: 18787 Sub No.: 18788 SDG No.: 907788

Matrix: (Soil/Water): WATER Lab Sample ID: 93040554

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5040554

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ detected: (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

SPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	g
121-14-2	2,4-Dinitrotoluene	5	U
81-66-2	Diethylphthalate	5	U
7005-78-3	1-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	2-Nitroaniline	20	U
504-52-1	2,6-Dinitro-2-methylphenol	20	U
86-20-8	N-Nitrosodiphenylamine (1)	5	U
101-65-3	1-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
67-86-8	Pentachlorophenol	20	U
63-01-3	Fluorene	5	U
120-12-7	Anthracene	5	U
64-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
64-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
143-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311219

FORM I SV-2

EPA 084548

3/90

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE ID

Lab Name: [REDACTED] Contract: 66D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040565
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040565
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

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

108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-3	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2, 4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2, 4-Dichlorophenol	5	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	1-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2, 4, 6-Trichlorophenol	5	U
95-95-4	2, 4, 5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2, 6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

AR31-220

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE I

ORIGINAL
(Red)

SC7756

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040565
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040565
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPCUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		Q
121-14-2	2,4-Dinitrotoluene	5	1U	
84-66-2	Diethylphthalate	5	1U	
7005-72-6	1-Chlorophenyl-phenylether	5	1U	
86-73-7	Fluorene	5	1U	
100-01-6	4-Nitroaniline	20	1U	
534-52-1	4,6-Dinitro-2-methylphenol	20	1U	
86-30-6	N-Nitrosodiphenylamine (1)	5	1U	
101-55-3	4-Bromophenyl-phenylether	5	1U	
118-74-1	Hexachlorobenzene	5	1U	
87-86-5	Pentachlorophenol	20	1U	
85-01-8	Phenanthrene	5	1U	
120-12-7	Anthracene	5	1U	
84-74-2	Di-n-Butylphthalate	5	1U	
206-44-0	Fluoranthene	5	1U	
129-00-0	Pyrene	5	1U	
85-68-7	Butylbenzylphthalate	5	1U	
91-94-1	3,3'-Dichlorobenzidine	5	1U	
56-55-3	Benzo(a)Anthracene	5	1U	
218-01-9	Chrysene	5	1U	
117-81-7	bis(2-Ethylhexyl)Phthalate	5	1U	
117-84-0	Di-n-Octyl Phthalate	5	1U	
205-99-2	Benzo(b)Fluoranthene	5	1U	
207-08-9	Benzo(k)Fluoranthene	5	1U	
50-32-8	Benzo(a)Pyrene	5	1U	
193-39-5	Indeno(1,2,3-cd)Pyrene	5	1U	
53-70-3	Dibenz(a,h)Anthracene	5	1U	
191-24-2	Benzo(g,h,i)Perylene	5	1U	

(1) - Cannot be separated from Diphenylamine

AR311221

18
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7757

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040566
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040566
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0(uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-2	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2, 4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2, 4-Dichlorophenol	5	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2, 4, 6-Trichlorophenol	5	U
95-95-4	2, 4, 5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2, 6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

AR31-1-222

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SC7757

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040566
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040566
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	CONCENTRATION UNITS	Q
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	2,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
116-74-1	Hexachlorobenzene	5	U
87-36-5	Pentachlorophenol	20	U
85-01-2	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
216-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311223

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7758

Lab Name: [REDACTED] Contract: 68D90135

Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7758

Matrix: (soil/water) WATER Lab Sample ID: 93040567

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040567

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L G

CAS NO. COMPOUND

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	G
108-95-2	Phenol		5	U
111-44-4	bis(2-Chloroethyl)Ether		5	U
95-57-2	2-Chlorophenol		5	U
95-48-7	2-Methylphenol		5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)		5	U
106-44-5	4-Methylphenol		5	U
621-64-7	N-Nitroso-Di-n-Propylamine		5	U
67-72-1	Hexachloroethane		5	U
98-95-3	Nitrobenzene		5	U
78-59-1	Isophorone		5	U
88-75-5	2-Nitrophenol		5	U
105-67-9	2, 4-Dimethylphenol		5	U
111-91-1	bis(2-Chloroethoxy)Methane		5	U
120-83-2	2, 4-Dichlorophenol		5	U
120-82-1	1, 2, 4-Trichlorobenzene		5	U
91-20-3	Naphthalene		5	U
106-47-8	4-Chloroaniline		5	U
87-68-3	Hexachlorobutadiene		5	U
59-50-7	4-Chloro-3-Methylphenol		5	U
91-57-6	2-Methylnaphthalene		5	U
77-47-4	Hexachlorocyclopentadiene		5	U
88-06-2	2, 4, 6-Trichlorophenol		5	U
95-95-4	2, 4, 5-Trichlorophenol		20	U
91-58-7	2-Chloronaphthalene		5	U
88-74-4	2-Nitroaniline		20	U
131-11-3	Dimethylphthalate		5	U
208-96-8	Acenaphthylene		5	U
606-20-2	2, 6-Dinitrotoluene		5	U
99-09-2	3-Nitroaniline		20	U
83-32-9	Acenaphthene		5	U
51-28-5	2, 4-Dinitrophenol		20	U
100-02-7	4-Nitrophenol		20	U
132-64-9	Dibenzofuran		5	U

AR311224

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ORIGINAL
SD7758

Lab Name: _____ Contract: 68090135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040567
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040567
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/23/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	CONCENTRATION UNITS	Q
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
97-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311225

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7759

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040568
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040568
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: decanted: (Y/N) Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH:

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

CAS NO.	COMPOUND	UG/L	Q
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-3	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-3	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

AR311226

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7759

Lab Name: _____ Contract: 68D90135
Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756
Matrix: (soil/water) WATER Lab Sample ID: 93040568
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040568
Level: (low/med) LOW Date Received: 04/23/93
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND		
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-2	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
36-55-3	Benzo(a)Anthracene	5	U
210-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311227

EPA 084556

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: [REDACTED] Contract: 68D90135 SC7760
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
 Matrix: (soil/water) WATER Lab Sample ID: 93040569
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040569
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: decanted: (Y/N) Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0(uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

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

108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

EPA 084557

AR314228

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040569
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040569
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

SC7760

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311229

EPA 084558

FORM I SV-2

047 2/9

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: _____ Contract: 62D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040570

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040570

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND		
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2, 4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2, 4-Dichlorophenol	5	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2, 4, 6-Trichlorophenol	5	U
95-95-4	2, 4, 5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2, 6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

EPA 084559

AR317230

IC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SC7751

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040570

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040570

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND		
121-14-2	2,4-Dinitrotoluene	5	U
94-56-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-5	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
97-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311231

EPA 084560

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: Contract: 68D90135
 Lab Code: Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040571
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040571
 Level: (low/med) LDW Date Received: 04/26/93
 % Moisture: decanted: (Y/N) Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0(uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH:

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

CAS NO.	COMPOUND	UG/L	g
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
106-44-3	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-6	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040572
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040572
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

ORIGINAL
SC7763

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-3	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2, 4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2, 4-Dichlorophenol	5	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2, 4, 6-Trichlorophenol	5	U
95-95-4	2, 4, 5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-94-8	Acenaphthylene	5	U
606-20-2	2, 6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

AR31123L

EPA 084563

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ORIGINAL
Lab) 867763

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040572

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040572

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
121-14-2	2,4-Dinitrotoluene	5	U	
84-66-2	Diethylphthalate	5	U	
7005-72-3	4-Chlorophenyl-phenylether	5	U	
86-73-7	Fluorene	5	U	
100-01-6	4-Nitroaniline	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	20	U	
86-30-6	N-Nitrosodiphenylamine (1)	5	U	
101-55-3	4-Bromophenyl-phenylether	5	U	
118-74-1	Hexachlorobenzene	5	U	
87-86-5	Pentachlorophenol	20	U	
85-01-8	Phenanthrene	5	U	
120-12-7	Anthracene	5	U	
84-74-2	Di-n-Butylphthalate	5	U	
206-44-0	Fluoranthene	5	U	
129-00-0	Pyrene	5	U	
85-68-7	Butylbenzylphthalate	5	U	
91-94-1	3,3'-Dichlorobenzidine	5	U	
56-55-3	Benzo(a)Anthracene	5	U	
218-01-9	Chrysene	5	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U	
117-84-0	Di-n-Octyl Phthalate	5	U	
205-99-2	Benzo(b)Fluoranthene	5	U	
207-08-9	Benzo(k)Fluoranthene	5	U	
50-32-8	Benzo(a)Pyrene	5	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U	
53-70-3	Dibenz(a,h)Anthracene	5	U	
191-24-2	Benzo(g,h,i)Perylene	5	U	

(1) - Cannot be separated from Diphenylamine

AR311235

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ORIGINAL
(copy)

EPA SAMPLE #

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 GAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040573
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040573
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	IU
111-44-1	bis(2-Chloroethyl)Ether	5	IU
95-57-8	2-Chlorophenol	5	IU
95-48-7	2-Methylphenol	5	IU
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	IU
106-44-5	4-Methylphenol	5	IU
621-64-7	N-Nitroso-Di-n-Propylamine	5	IU
67-72-1	Hexachloroethane	5	IU
98-95-3	Nitrobenzene	5	IU
78-59-1	Isophorone	5	IU
88-75-5	2-Nitrophenol	5	IU
105-67-9	2, 4-Dimethylphenol	5	IU
111-91-1	bis(2-Chloroethoxy)Methane	5	IU
120-83-2	2, 4-Dichlorophenol	5	IU
120-82-1	1, 2, 4-Trichlorobenzene	5	IU
91-20-3	Naphthalene	5	IU
106-47-8	4-Chloroaniline	5	IU
87-68-3	Hexachlorobutadiene	5	IU
59-50-7	4-Chloro-3-Methylphenol	5	IU
91-57-6	2-Methylnaphthalene	5	IU
77-47-4	Hexachlorocyclopentadiene	5	IU
88-06-2	2, 4, 6-Trichlorophenol	5	IU
95-95-4	2, 4, 5-Trichlorophenol	20	IU
91-58-7	2-Chloronaphthalene	5	IU
88-74-4	2-Nitroaniline	20	IU
131-11-3	Dimethylphthalate	5	IU
208-96-8	Acenaphthylene	5	IU
606-20-2	2, 6-Dinitrotoluene	5	IU
99-09-2	3-Nitroaniline	20	IU
83-32-9	Acenaphthene	5	IU
51-28-5	2, 4-Dinitrophenol	20	IU
100-02-7	4-Nitrophenol	20	IU
132-64-9	Dibenzofuran		IU

EPA 084565

ARS11236

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7755

Matrix: (soil/water) WATER Lab Sample ID: 93040574

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040574

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	ug/L	ug/Kg
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

AR3F1238

IC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: _____ Contract: 68D90135 SC776: _____
Lab Code: _____ Case No.: 10797 SAS No.: 7572HQ SDG No.: SC7756
Matrix: (soil/water) WATER Lab Sample ID: 93C40574
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040574
Level: (low/med) LOW Date Received: 04/23/93
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	5	IU
84-66-2	Diethylphthalate	5	IU
7005-72-3	4-Chlorophenyl-phenylether	5	IU
86-73-7	Fluorene	5	IU
100-01-5	4-Nitroaniline	20	IU
534-52-1	4,6-Dinitro-2-methylphenol	20	IU
86-30-6	N-Nitrosodiphenylamine (1)	5	IU
101-55-3	4-Bromophenyl-phenylether	5	IU
118-74-1	Hexachlorobenzene	5	IU
87-36-5	Pentachlorophenol	20	IU
35-01-2	Phenanthrene	5	IU
120-12-7	Anthracene	5	IU
84-74-2	Di-n-Butylphthalate	5	IU
206-44-0	Fluoranthene	5	IU
129-00-0	Pyrene	5	IU
85-58-7	Butylbenzylphthalate	5	IU
91-94-1	3,3'-Dichlorobenzidine	5	IU
56-55-3	Benzo(a)Anthracene	5	IU
218-01-9	Chrysene	5	IU
117-31-7	bis(2-Ethylhexyl)Phthalate	5	IU
117-84-0	Di-n-Octyl Phthalate	5	IU
205-99-2	Benzo(b)Fluoranthene	5	IU
207-08-9	Benzo(k)Fluoranthene	5	IU
50-32-3	Benzo(a)Pyrene	5	IU
193-39-5	Indeno(1,2,3-cd)Pyrene	5	IU
53-70-3	Dibenzo(a,h)Anthracene	5	IU
191-24-2	Benzo(g,h,i)Perylene	5	IU

(1) - Cannot be separated from Diphenylamine

AR311239

EPA 084568

FORM I SV-2

3/9

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: _____ Contract: 62D90135
 Lab Code: _____ Case No.: 10797 SAS No.: 7572HG SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040576
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040576
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	UG/L	g
121-14-3	3,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	1-Chlorophenyl-phenylether	5	U
86-72-7	Fluorene	5	U
100-01-6	1-Nitroaniline	20	U
534-52-1	1,6-Dinitro-2-methylphenol	20	U
86-20-5	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
27-36-3	Pentachlorophenol	20	U
65-01-9	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311243

FORM I SV-2

EPA 084572

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 18797 GAS No.: 7573HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 73040577
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040577
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: decanted: (Y/N) Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		g
108-95-2	Phenol	5	10	U
111-44-4	bis(2-Chloroethyl)Ether	5	10	U
95-57-3	2-Chlorophenol	5	10	U
95-48-7	2-Methylphenol	5	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	10	U
106-44-5	4-Methylphenol	5	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	10	U
67-72-1	Hexachloroethane	5	10	U
98-95-3	Nitrobenzene	5	10	U
78-59-1	Isophorone	5	10	U
88-75-5	2-Nitrophenol	5	10	U
105-67-9	2,4-Dimethylphenol	5	10	U
111-91-1	bis(2-Chloroethoxy)Methane	5	10	U
120-83-2	2,4-Dichlorophenol	5	10	U
120-82-1	1,2,4-Trichlorobenzene	5	10	U
91-20-3	Naphthalene	5	10	U
106-47-3	4-Chloroaniline	5	10	U
87-68-3	Hexachlorobutadiene	5	10	U
59-50-7	4-Chloro-3-Methylphenol	5	10	U
91-57-6	2-Methylnaphthalene	5	10	U
77-47-4	Hexachlorocyclopentadiene	5	10	U
88-06-2	2,4,6-Trichlorophenol	5	10	U
95-95-4	2,4,5-Trichlorophenol	20	10	U
91-58-7	2-Chloronaphthalene	5	10	U
88-74-4	2-Nitroaniline	20	10	U
131-11-3	Dimethylphthalate	5	10	U
208-96-3	Acenaphthylene	5	10	U
606-20-2	2,6-Dinitrotoluene	5	10	U
99-09-2	3-Nitroaniline	20	10	U
83-32-9	Acenaphthene	5	10	U
51-28-5	2,4-Dinitrophenol	20	10	U
100-02-7	4-Nitrophenol	20	10	U
132-64-9	Dibenzofuran	5	10	U

AR31-1244

EPA 084573

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

SC7768

Lab Name: _____ Contract: 62D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040577

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040577

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
121-14-3	2,4-Dinitrotoluene	5	U	
84-66-2	Diethylphthalate	5	U	
7005-72-3	4-Chlorophenyl-phenylether	5	U	
36-73-7	Fluorene	5	U	
100-01-5	4-Nitroaniline	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	20	U	
86-30-5	N-Nitrosodiphenylamine (1)	5	U	
101-55-3	4-Bromophenyl-phenylether	5	U	
113-74-1	Hexachlorobenzene	5	U	
37-35-5	Pentachlorophenol	20	U	
85-01-3	Phenanthrene	5	U	
120-12-7	Anthracene	5	U	
84-74-2	Di-n-Butylphthalate	5	U	
206-44-0	Fluoranthene	5	U	
129-00-0	Pyrene	5	U	
85-68-7	Butylbenzylphthalate	5	U	
91-94-1	3,3'-Dichlorobenzidine	5	U	
56-55-3	Benzo(a)Anthracene	5	U	
218-01-9	Chrysene	5	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U	
117-84-0	Di-n-Octyl Phthalate	5	U	
205-99-2	Benzo(b)Fluoranthene	5	U	
207-08-9	Benzo(k)Fluoranthene	5	U	
50-32-8	Benzo(a)Pyrene	5	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U	
53-70-3	Dibenz(a,h)Anthracene	5	U	
191-24-2	Benzo(g,h,i)Perylene	5	U	

(1) - Cannot be separated from Diphenylamine

AR311245

EPA 084574

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE ID

Lab Name: [REDACTED] Contract: 68D90135

Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040578

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040578

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
108-95-2	Phenol	5		1U
111-44-4	bis(2-Chloroethyl)Ether	5		1U
95-57-8	2-Chlorophenol	5		1U
95-48-7	2-Methylphenol	5		1U
108-60-1	2,2'-oxybis(1-Chloropropane)	5		1U
106-44-5	4-Methylphenol	5		1U
621-64-7	N-Nitroso-Di-n-Propylamine	5		1U
67-72-1	Hexachloroethane	5		1U
98-95-3	Nitrobenzene	5		1U
78-59-1	Isophorone	5		1U
88-75-5	2-Nitrophenol	5		1U
105-67-7	2,4-Dimethylphenol	5		1U
111-91-1	bis(2-Chloroethoxy)Methane	5		1U
120-83-2	2,4-Dichlorophenol	5		1U
120-82-1	1,2,4-Trichlorobenzene	5		1U
91-20-3	Naphthalene	5		1U
106-47-8	4-Chloroaniline	5		1U
87-68-3	Hexachlorobutadiene	5		1U
59-50-7	4-Chloro-3-Methylphenol	5		1U
91-57-6	2-Methylnaphthalene	5		1U
77-47-4	Hexachlorocyclopentadiene	5		1U
88-06-2	2,4,6-Trichlorophenol	5		1U
95-95-4	2,4,5-Trichlorophenol	20		1U
91-58-7	2-Chloronaphthalene	5		1U
88-74-4	2-Nitroaniline	20		1U
131-11-3	Dimethylphthalate	5		1U
208-96-3	Acenaphthylene	5		1U
606-20-2	2,6-Dinitrotoluene	5		1U
99-09-2	3-Nitroaniline	20		1U
83-32-9	Acenaphthene	5		1U
51-28-5	2,4-Dinitrophenol	20		1U
100-02-7	4-Nitrophenol	20		1U
132-64-9	Dibenzofuran	5		1U

EPA 084575

AR311246

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

SC7769

Lab Name: _____ Contract: 6ED90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040578

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040578

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
121-14-2	2,4-Dinitrotoluene	5	1U	
84-66-2	Diethylphthalate	5	1U	
7005-72-3	4-Chlorophenyl-phenylether	5	1U	
86-73-7	Fluorene	5	1U	
100-01-6	4-Nitroaniline	20	1U	
534-52-1	4,6-Dinitro-2-methylphenol	20	1U	
86-30-6	N-Nitrosodiphenylamine (1)	5	1U	
101-55-3	4-Bromophenyl-phenylether	5	1U	
118-74-1	Hexachlorobenzene	5	1U	
87-86-5	Pentachlorophenol	20	1U	
85-01-2	Phenanthrene	5	1U	
120-12-7	Anthracene	5	1U	
84-74-2	Di-n-Butylphthalate	5	1U	
206-44-0	Fluoranthene	5	1U	
129-00-0	Pyrene	5	1U	
85-68-7	Butylbenzylphthalate	5	1U	
91-94-1	3,3'-Dichlorobenzidine	5	1U	
56-55-3	Benzo(a)Anthracene	5	1U	
218-01-9	Chrysene	5	1U	
117-81-7	bis(2-Ethylhexyl)Phthalate	5	1U	
117-84-0	Di-n-Octyl Phthalate	5	1U	
205-99-2	Benzo(b)Fluoranthene	5	1U	
207-08-9	Benzo(k)Fluoranthene	5	1U	
50-32-8	Benzo(a)Pyrene	5	1U	
193-39-5	Indeno(1,2,3-cd)Pyrene	5	1U	
53-70-3	Dibenz(a,h)Anthracene	5	1U	
191-24-2	Benzo(g,h,i)Perylene	5	1U	

(1) - Cannot be separated from Diphenylamine

EPA 084576

AR311247

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040579
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040579
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	CCMPDUND		
108-95-2	Phenol	5	IU
111-44-4	bis(2-Chloroethyl)Ether	5	IU
95-57-8	2-Chlorophenol	5	IU
95-48-7	2-Methylphenol	5	IU
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	IU
106-44-5	4-Methylphenol	5	IU
621-64-7	N-Nitroso-Di-n-Propylamine	5	IU
67-72-1	Hexachloroethane	5	IU
98-95-3	Nitrobenzene	5	IU
78-59-1	Isophorone	5	IU
88-75-5	2-Nitrophenol	5	IU
105-67-9	2, 4-Dimethylphenol	5	IU
111-91-1	bis(2-Chloroethoxy)Methane	5	IU
120-83-2	2, 4-Dichlorophenol	5	IU
120-82-1	1, 2, 4-Trichlorobenzene	5	IU
91-20-3	Naphthalene	5	IU
106-47-8	4-Chloroaniline	5	IU
87-68-3	Hexachlorobutadiene	5	IU
59-50-7	4-Chloro-3-Methylphenol	5	IU
91-57-6	2-Methylnaphthalene	5	IU
77-47-4	Hexachlorocyclopentadiene	5	IU
88-06-2	2, 4, 6-Trichlorophenol	5	IU
95-95-4	2, 4, 5-Trichlorophenol	20	IU
91-58-7	2-Chloronaphthalene	5	IU
88-74-4	2-Nitroaniline	20	IU
131-11-3	Dimethylphthalate	5	IU
208-96-8	Acenaphthylene	5	IU
606-20-2	2, 6-Dinitrotoluene	5	IU
99-09-2	3-Nitroaniline	20	IU
83-32-9	Acenaphthene	5	IU
51-28-5	2, 4-Dinitrophenol	20	IU
100-02-7	4-Nitrophenol	20	IU
132-64-9	Dibenzofuran	5	IU

AR311248

FORM I SV-1

EPA 084577

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

SC7770

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 75724G SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040579
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040579
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		Q
121-14-2	2,4-Dinitrotoluene	5	U	
84-66-2	Diethylphthalate	5	U	
7005-72-3	4-Chlorophenyl-phenylether	5	U	
86-73-7	Fluorene	5	U	
100-01-6	4-Nitroaniline	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	20	U	
86-30-6	N-Nitrosodiphenylamine (1)	5	U	
101-55-3	4-Bromophenyl-phenylether	5	U	
118-74-1	Hexachlorobenzene	5	U	
87-86-5	Pentachlorophenol	20	U	
85-01-8	Phenanthrene	5	U	
120-12-7	Anthracene	5	U	
84-74-2	Di-n-Butylphthalate	5	U	
206-44-0	Fluoranthene	5	U	
129-00-0	Pyrene	5	U	
85-68-7	Butylbenzylphthalate	5	U	
91-94-1	3,3'-Dichlorobenzidine	5	U	
56-55-3	Benzo(a)Anthracene	5	U	
218-01-9	Chrysene	5	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U	
117-84-0	Di-n-Octyl Phthalate	5	U	
205-99-2	Benzo(b)Fluoranthene	5	U	
207-08-9	Benzo(k)Fluoranthene	5	U	
50-32-8	Benzo(a)Pyrene	5	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U	
53-70-3	Dibenz(a,h)Anthracene	5	U	
191-24-2	Benzo(g,h,i)Perylene	5	U	

(1) - Cannot be separated from Diphenylamine

AR311249

13
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19767 SAS No.: 75724Q SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040580
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040580
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: decanted: (Y/N) Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH:

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
108-95-2	Phenol	5	1U
111-44-4	bis(2-Chloroethyl)Ether	5	1U
95-57-8	2-Chlorophenol	5	1U
95-48-7	2-Methylphenol	5	1U
108-50-1	2,2'-oxybis(1-Chloropropane)	5	1U
106-44-5	4-Methylphenol	5	1U
621-54-7	N-Nitroso-Di-n-Propylamine	5	1U
67-72-1	Hexachloroethane	5	1U
98-95-3	Nitrobenzene	5	1U
78-59-1	Isophorone	5	1U
88-75-5	2-Nitrophenol	5	1U
103-67-7	2,4-Dimethylphenol	5	1U
111-91-1	bis(2-Chloroethoxy)Methane	5	1U
120-83-2	2,4-Dichlorophenol	5	1U
120-82-1	1,2,4-Trichlorobenzene	5	1U
91-20-3	Naphthalene	5	1U
106-47-8	4-Chloroaniline	5	1U
87-68-3	Hexachlorobutadiene	5	1U
59-50-7	4-Chloro-3-Methylphenol	5	1U
91-57-6	2-Methylnaphthalene	5	1U
77-47-4	Hexachlorocyclopentadiene	5	1U
88-06-2	2,4,6-Trichlorophenol	5	1U
95-95-4	2,4,5-Trichlorophenol	20	1U
91-58-7	2-Chloronaphthalene	5	1U
88-74-4	2-Nitroaniline	20	1U
131-11-3	Dimethylphthalate	5	1U
208-96-8	Acenaphthylene	5	1U
606-20-2	2,6-Dinitrotoluene	5	1U
99-09-2	3-Nitroaniline	20	1U
83-32-9	Acenaphthene	5	1U
51-28-5	2,4-Dinitrophenol	20	1U
100-02-7	4-Nitrophenol	20	1U
132-64-9	Dibenzofuran	5	1U

AR311250

FORM I SV-1

EPA 084579

3/9

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: _____ Contract: 68D90135

Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040580

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5040580

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND		
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
37-86-5	Pentachlorophenol	20	U
85-01-3	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311251

EPA 084580

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #

Lab Name: [REDACTED] Contract: 68D90135 SC7773

Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040581

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040581

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: decanted: (Y/N) Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

CAS NO.	COMPOUND	UG/L	g
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-3	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2, 4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2, 4-Dichlorophenol	5	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2, 4, 6-Trichlorophenol	5	U
95-95-4	2, 4, 5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2, 6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

EPA 084581

AR311252

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ORIGINAL
COPY

EPA SAMPLE

SC7775

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040581
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040581
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: decanted: (Y/N) Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH:

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

CAS NO.	COMPOUND	UG/L	g
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-6	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311253

EPA 084582

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: [REDACTED] Contract: 68D90135 SC7773RE

Lab Code: [REDACTED] Case No.: 19797 GAS No.: 7972HQ SDG No.: SC7756

Matrix: (soil/water) WATER Lab Sample ID: 93040581

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040581R

Level: (low/med) LOW Date Received: 04/23/93

% Moisture: decanted: (Y/N) Date Extracted: 04/26/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2, 2'-oxybis(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	N-Nitroso-Di-n-Propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2, 4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)Methane	5	U
120-83-2	2, 4-Dichlorophenol	5	U
120-82-1	1, 2, 4-Trichlorobenzene	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
98-06-2	2, 4, 6-Trichlorophenol	5	U
95-95-4	2, 4, 5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2, 6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2, 4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	-	U

AR311254

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HG SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040581
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040581R
 Level: (low/med) LOW Date Received: 04/23/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		g
121-14-2	2,4-Dinitrotoluene	5	U	
84-66-2	Diethylphthalate	5	U	
7005-72-3	4-Chlorophenyl-phenylether	5	U	
86-73-7	Fluorene	5	U	
100-01-6	4-Nitroaniline	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	20	U	
86-30-6	N-Nitrosodiphenylamine (1)	5	U	
101-55-3	4-Bromophenyl-phenylether	5	U	
118-74-1	Hexachlorobenzene	5	U	
87-86-5	Pentachlorophenol	20	U	
85-01-8	Phenanthrene	5	U	
120-12-7	Anthracene	5	U	
84-74-2	Di-n-Butylphthalate	5	U	
206-44-0	Fluoranthene	5	U	
129-00-0	Pyrene	5	U	
85-68-7	Butylbenzylphthalate	5	U	
91-94-1	3,3'-Dichlorobenzidine	5	U	
56-55-3	Benzo(a)Anthracene	5	U	
218-01-9	Chrysene	5	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U	
117-84-0	Di-n-Octyl Phthalate	5	U	
205-99-2	Benzo(b)Fluoranthene	5	U	
207-08-9	Benzo(k)Fluoranthene	5	U	
50-32-8	Benzo(a)Pyrene	5	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U	
53-70-3	Dibenz(a,h)Anthracene	5	U	
191-24-2	Benzo(g,h,i)Perylene	5	U	

(1) - Cannot be separated from Diphenylamine

AR311255

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

Lab Name: _____ Contract: 68D90135
 Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040582
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040582
 Level: (low/med) LOW Date Received: 04/26/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND				
108-95-2	Phenol		5	10	
111-44-4	bis(2-Chloroethyl)Ether		5	10	
95-57-3	2-Chlorophenol		5	10	
95-48-7	2-Methylphenol		5	10	
108-60-1	2, 2'-oxybis(1-Chloropropane)		5	10	
106-44-5	4-Methylphenol		5	10	
621-64-7	N-Nitroso-Di-n-Propylamine		5	10	
67-72-1	Hexachloroethane		5	10	
98-95-3	Nitrobenzene		5	10	
78-59-1	Isophorone		5	10	
88-75-5	2-Nitrophenol		5	10	
105-67-9	2, 4-Dimethylphenol		5	10	
111-91-1	bis(2-Chloroethoxy)Methane		5	10	
120-83-2	2, 4-Dichlorophenol		5	10	
120-82-1	1, 2, 4-Trichlorobenzene		5	10	
91-20-3	Naphthalene		5	10	
106-47-8	4-Chloroaniline		5	10	
87-68-3	Hexachlorobutadiene		5	10	
59-50-7	4-Chloro-3-Methylphenol		5	10	
91-57-6	2-Methylnaphthalene		5	10	
77-47-4	Hexachlorocyclopentadiene		5	10	
88-06-2	2, 4, 5-Trichlorophenol		5	10	
95-95-4	2, 4, 5-Trichlorophenol		20	10	
91-58-7	2-Chloronaphthalene		5	10	
88-74-4	2-Nitroaniline		20	10	
131-11-3	Dimethylphthalate		5	10	
208-96-8	Acenaphthylene		5	10	
606-20-2	2, 6-Dinitrotoluene		5	10	
99-09-2	3-Nitroaniline		20	10	
83-32-9	Acenaphthene		5	10	
51-28-5	2, 4-Dinitrophenol		20	10	
100-02-7	4-Nitrophenol		20	10	
132-64-9	Dibenzofuran		5	10	

APR 31 1993

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ORIGINAL
EPA SAMPLE #
SC777

Lab Name: [REDACTED] Contract: 68D90135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7756
 Matrix: (soil/water) WATER Lab Sample ID: 93040582
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040582
 Level: (low/med) LOW Date Received: 04/26/93
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
85-73-7	Fluorene	5	U
100-01-5	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-3	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-8	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

AR311257

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FINAL
EPA SAMPLE
SC7775

Lab Name: _____ Contract: 68D90135
Lab Code: _____ Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736
Matrix: (soil/water) WATER Lab Sample ID: 93040563
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S040583R
Level: (low/med) LOW Date Received: 04/23/93
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/26/93
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/93
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-Butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)Anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	U
117-84-0	Di-n-Octyl Phthalate	5	U
205-99-2	Benzo(b)Fluoranthene	5	U
207-08-9	Benzo(k)Fluoranthene	5	U
50-32-6	Benzo(a)Pyrene	5	U
193-39-5	Indeno(1,2,3-cd)Pyrene	5	U
53-70-3	Dibenz(a,h)Anthracene	5	U
191-24-2	Benzo(g,h,i)Perylene	5	U

(1) - Cannot be separated from Diphenylamine

ORIGINAL

3/90

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7737

Lab Name: [REDACTED] Contract: 68D90135

Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040546

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 04/23/93

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/24/93

Concentrated Extract Volume: 3000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.010IU	
319-85-7	beta-BHC	0.010IU	
319-86-8	delta-BHC	0.010IU	
58-89-7	gamma-BHC (Lindane)	0.010IU	
76-44-8	Heptachlor	0.010IU	
309-00-2	Aldrin	0.010IU	
1024-57-3	Heptachlor epoxide	0.010IU	
959-98-8	Endosulfan I	0.010IU	
60-37-1	Dieldrin	0.020IU	
72-55-9	4,4'-DDE	0.020IU	
72-20-8	Endrin	0.020IU	
33213-65-9	Endosulfan II	0.020IU	
72-54-8	4,4'-DDD	0.020IU	
1031-07-8	Endosulfan sulfate	0.020IU	
50-29-3	4,4'-DDT	0.020IU	
72-43-5	Methoxychlor	0.10IU	
53494-70-5	Endrin ketone	0.020IU	
7421-36-3	Endrin aldehyde	0.020IU	
5103-71-9	alpha-Chlordane	0.0071IJP	
5103-74-2	gamma-Chlordane	0.0094IJP	
8001-35-2	Toxaphene	1.0IU	
12674-11-2	Aroclor-1016	0.20IU	
11104-28-2	Aroclor-1221	0.40IU	
11141-16-5	Aroclor-1232	0.20IU	
53469-21-9	Aroclor-1242	0.20IU	
12672-29-6	Aroclor-1248	0.20IU	
11097-69-1	Aroclor-1254	0.20IU	

ERA 084589
AR311260

PESTICIDE ORGANICS ANALYSIS DATA SHEET

807778

Lab Name: [REDACTED] Contract: 68090135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 7572HQ SDG No.: 807736
 Matrix: (soil/water) WATER Lab Sample ID: 93040547
 Sample wt/vol: 1000 (g/mL) ML Lab File ID:
 % Moisture: decanted: (Y/N) Date Received: 04/23/93
 Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/24/93
 Concentrated Extract Volume: 2000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	0
319-81-6	alpha-BHC	0.010IU	
319-85-7	beta-BHC	0.010IU	
319-86-8	delta-BHC	0.010IU	
53-89-9	gamma-BHC (Lindane)	0.010IU	
76-44-8	Heptachlor	0.010IU	
309-00-2	Aldrin	0.010IU	
1024-87-3	Heptachlor epoxide	0.010IU	
959-93-8	Endosulfan I	0.010IU	
60-57-1	Dieldrin	0.020IU	
72-55-9	4,4'-DDE	0.020IU	
72-20-8	Endrin	0.020IU	
33213-65-9	Endosulfan II	0.020IU	
72-54-8	4,4'-DDD	0.020IU	
1031-07-8	Endosulfan sulfate	0.020IU	
50-29-3	4,4'-DDT	0.020IU	
72-43-5	Methoxychlor	0.10IU	
53494-70-5	Endrin ketone	0.020IU	
7421-36-3	Endrin aldehyde	0.020IU	
5103-71-9	alpha-Chlordane	0.010IU	
5103-74-2	gamma-Chlordane	0.010IU	
8001-35-2	Toxaphene	1.0IU	
12674-11-2	Aroclor-1016	0.20IU	
11104-28-2	Aroclor-1221	0.40IU	
11141-16-5	Aroclor-1232	0.20IU	
53469-21-9	Aroclor-1242	0.20IU	
12672-29-6	Aroclor-1248	0.20IU	
11097-69-1	Aroclor-1254	0.20IU	
11096-82-5	Aroclor-1260	0.20IU	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: XXXXXXXXXX Contract: 68D90135
 Lab Code: XXXXXXXXXX Case No.: 19797 SAS No.: 7572HQ SDG No.: 607736
 Matrix: (soil/water) WATER Lab Sample ID: 93040548
 Sample wt/vol: 1000 (g/mL) ML Lab File ID:
 % Moisture: decanted: (Y/N) Date Received: 04/23/93
 Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/24/93
 Concentrated Extract Volume: 2000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
319-84-6	alpha-BHC	0.010IU	
319-85-7	beta-BHC	0.010IU	
319-86-8	delta-BHC	0.010IU	
58-89-9	gamma-BHC (Lindane)	0.010IU	
76-44-8	Heptachlor	0.010IU	
309-00-2	Aldrin	0.010IU	
1024-57-3	Heptachlor epoxide	0.010IU	
959-98-8	Endosulfan I	0.010IU	
60-57-1	Dieldrin	0.020IU	
72-55-9	4,4'-DDE	0.020IU	
72-20-8	Endrin	0.020IU	
33213-65-9	Endosulfan II	0.020IU	
72-54-8	4,4'-DDD	0.020IU	
1031-07-8	Endosulfan sulfate	0.020IU	
50-29-3	4,4'-DDT	0.020IU	
72-43-5	Methoxychlor	0.10IU	
53494-70-5	Endrin ketone	0.020IU	
7421-36-3	Endrin aldehyde	0.020IU	
5103-71-9	lone-Chlordane	0.010IU	
5103-74-2	gamma-Chlordane	0.010IU	
8001-35-2	Toxaphene	1.0IU	
12674-11-2	Aroclor-1016	0.20IU	
11104-28-2	Aroclor-1221	0.40IU	
11141-16-5	Aroclor-1232	0.20IU	
53469-21-9	Aroclor-1242	0.20IU	
12672-29-6	Aroclor-1248	0.20IU	
11097-69-1	Aroclor-1254	0.20IU	
11096-82-5	Aroclor-1260	0.20IU	

AR311262

EPA 084591

077

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7741

Lab Name: XXXXXXXXXX Contract: 68D90133

Lab Code: XXXXXXXXXX Case No.: 19797 CAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040550

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 04/23/93

Extraction: (SapF/Cont/Sonc) CONT Date Extracted: 04/24/93

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-94-6	alpha-BHC	0.010IU	
319-95-7	beta-BHC	0.010IU	
319-96-8	delta-BHC	0.010IU	
58-99-9	gamma-BHC (Lindane)	0.010IU	
76-41-8	Heptachlor	0.010IU	
309-00-2	Aldrin	0.010IU	
1024-57-3	Heptachlor epoxide	0.010IU	
959-98-3	Endosulfan I	0.010IU	
60-57-1	Dieldrin	0.020IU	
72-55-9	4,4'-DDE	0.020IU	
72-20-8	Endrin	0.020IU	
33213-65-9	Endosulfan II	0.020IU	
72-54-3	4,4'-DDD	0.020IU	
1031-07-8	Endosulfan sulfate	0.020IU	
50-29-3	4,4'-DDT	0.020IU	
72-43-5	Methoxychlor	0.10IU	
53494-70-5	Endrin ketone	0.020IU	
7421-36-3	Endrin aldehyde	0.020IU	
5103-71-9	alpha-Chlordane	0.010IU	
5103-74-2	gamma-Chlordane	0.010IU	
8001-35-2	Toxaphene	1.0IU	
12674-11-2	Aroclor-1016	0.20IU	
11104-28-2	Aroclor-1221	0.40IU	
11141-16-5	Aroclor-1232	0.20IU	
53469-21-9	Aroclor-1242	0.20IU	
12672-29-6	Aroclor-1248	0.20IU	
11097-69-1	Aroclor-1254	0.20IU	
11096-82-5	Aroclor-1260	0.20IU	

AR311264

EPA 084593

078

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: [REDACTED] Contract: 68090135
 Lab Code: [REDACTED] Case No.: 19797 SAS No.: 757240 SDG No.: 907736
 Matrix: (soil/water) WATER Lab Sample ID: 93040551
 Sample wt/vol: 1000 (g/mL) ML Lab File ID:
 % Moisture: decanted: (Y/N) Date Received: 04/23/93
 Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/24/93
 Concentrated Extract Volume: 2000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
319-84-6	alpha-BHC	0.0101U	
319-85-7	beta-BHC	0.0101U	
319-86-8	delta-BHC	0.0101U	
58-89-9	gamma-BHC (Lindane)	0.0101U	
76-44-8	Heptachlor	0.0101U	
309-00-2	Aldrin	0.0101U	
1024-57-3	Heptachlor epoxide	0.0101U	
959-98-8	Endosulfan I	0.0101U	
60-57-1	Dieldrin	0.0201U	
72-55-9	4,4'-DDE	0.0201U	
72-20-8	Endrin	0.0201U	
33213-65-9	Endosulfan II	0.0201U	
72-54-8	4,4'-DDD	0.0201U	
1031-07-8	Endosulfan sulfate	0.0201U	
50-29-3	4,4'-DDT	0.0201U	
72-43-5	Methoxychlor	0.101U	
53494-70-5	Endrin ketone	0.0201U	
7421-36-3	Endrin aldehyde	0.0201U	
5103-71-9	alpha-Chlordane	0.0101U	
5103-74-2	gamma-Chlordane	0.0101U	
8001-35-2	Toxaphene	1.01U	
12674-11-2	Aroclor-1016	0.201U	
11104-28-2	Aroclor-1221	0.401U	
11141-16-5	Aroclor-1232	0.201U	
53469-21-9	Aroclor-1242	0.201U	
12672-29-6	Aroclor-1248	0.201U	
11097-69-1	Aroclor-1254	0.201U	
11096-82-5	Aroclor-1260	0.201U	

ID
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

SC7743

Lab Name: XXXXXXXXXX Contract: 62D90135

Lab Code: XXXXXX Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040552

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 04/23/93

Extraction: (SapF/Cont/Sonc) CONT Date Extracted: 04/24/93

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	UG/L
319-34-4	alpha-BHC	0.010IU
319-35-7	beta-BHC	0.010IU
319-36-8	delta-BHC	0.010IU
58-99-9	gamma-BHC (Lindane)	0.010IU
76-44-8	Heptachlor	0.010IU
309-00-2	Aldrin	0.010IU
1004-57-3	Heptachlor epoxide	0.010IU
959-98-8	Endosulfan I	0.010IU
60-57-1	Dieldrin	0.020IU
72-35-9	4,4'-DDE	0.020IU
72-20-8	Endrin	0.020IU
33213-65-9	Endosulfan II	0.020IU
72-54-2	4,4'-DDD	0.020IU
1031-07-8	Endosulfan sulfate	0.020IU
50-29-3	4,4'-DDT	0.020IU
72-43-5	Methoxychlor	0.10IU
53494-70-5	Endrin ketone	0.020IU
7421-36-3	Endrin aldehyde	0.020IU
5103-71-9	alpha-Chlordane	0.010IU
5103-74-2	gamma-Chlordane	0.010IU
8001-35-2	Toxaphene	1.0IU
12574-11-2	Aroclor-1016	0.20IU
11104-28-2	Aroclor-1221	0.40IU
11141-16-5	Aroclor-1232	0.20IU
53469-21-9	Aroclor-1242	0.20IU
12572-29-6	Aroclor-1248	0.20IU
11097-69-1	Aroclor-1254	0.20IU
11096-82-5	Aroclor-1260	0.20IU

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7744

Lab Name: XXXXXXXXXX Contract: 68D90135

Lab Code: XXXXXX Case No.: 19797 SAS No.: 7572HG SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040553

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 04/23/93

Extraction: (SapF/Cont/Sonc) CONT Date Extracted: 04/24/93

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	@
319-84-4	alpha-BHC	0.010IU
319-85-7	beta-BHC	0.010IU
319-86-3	delta-BHC	0.010IU
58-59-9	gamma-BHC (Lindane)	0.010IU
75-44-3	Heptachlor	0.010IU
309-00-2	Aldrin	0.010IU
1024-57-3	Heptachlor epoxide	0.010IU
959-98-8	Endosulfan I	0.010IU
60-57-1	Dieldrin	0.020IU
72-55-9	4,4'-DDE	0.020IU
72-20-8	Endrin	0.020IU
33213-65-9	Endosulfan II	0.020IU
72-54-8	4,4'-DDD	0.020IU
1031-07-9	Endosulfan sulfate	0.020IU
50-29-3	4,4'-DDT	0.020IU
72-43-5	Methoxychlor	0.10IU
53494-70-5	Endrin ketone	0.020IU
7421-36-3	Endrin aldehyde	0.020IU
5103-71-9	alpha-Chlordane	0.010IU
5103-74-2	gamma-Chlordane	0.010IU
8001-35-2	Toxaphene	1.0IU
12674-11-2	Aroclor-1016	0.20IU
11104-28-2	Aroclor-1221	0.40IU
11141-16-5	Aroclor-1232	0.20IU
53469-21-9	Aroclor-1242	0.20IU
12672-27-6	Aroclor-1248	0.20IU
11097-69-1	Aroclor-1254	0.20IU
11096-82-5	Aroclor-1260	0.20IU

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

SC7745

Lab Name: XXXXXXXXXX Contract: 68D90135

Lab Code: XXXXXX Case No.: 19797 SAS No.: 7572HQ SDG No.: SC7736

Matrix: (soil/water) WATER Lab Sample ID: 93040554

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 04/23/93

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/24/93

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 05/03/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
319-84-6	alpha-BHC	0.010IU	
319-85-7	beta-BHC	0.010IU	
319-86-8	delta-BHC	0.010IU	
58-89-9	gamma-BHC (Lindane)	0.010IU	
76-44-8	Heptachlor	0.010IU	
309-00-2	Aldrin	0.010IU	
1024-57-3	Heptachlor epoxide	0.010IU	
959-98-8	Endosulfan I	0.010IU	
60-57-1	Dieldrin	0.020IU	
72-55-9	4,4'-DDE	0.020IU	
72-20-8	Endrin	0.020IU	
33213-65-9	Endosulfan II	0.020IU	
72-34-8	4,4'-DDD	0.020IU	
1031-07-8	Endosulfan sulfate	0.020IU	
50-29-3	4,4'-DDT	0.020IU	
72-43-5	Methoxychlor	0.10IU	
53494-70-5	Endrin ketone	0.020IU	
7421-36-3	Endrin aldehyde	0.020IU	
5103-71-9	alpha-Chlordane	0.010IU	
5103-74-2	gamma-Chlordane	0.010IU	
8001-35-2	Toxaphene	1.0IU	
12674-11-2	Aroclor-1016	0.20IU	
11104-28-2	Aroclor-1221	0.40IU	
11141-16-5	Aroclor-1232	0.20IU	
53469-21-9	Aroclor-1242	0.20IU	
12672-29-6	Aroclor-1248	0.20IU	
11097-69-1	Aroclor-1254	0.20IU	
11096-82-5	Aroclor-1260	0.20IU	

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10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: XXXXXXXXXX Contract: 62090135
 Lab Code: XXXXXXXXXX Case No.: 19797 SAS No.: 757240 SDG No.: 907736
 Matrix: (soil/water) WATER Lab Sample ID: 93040555
 Sample wt/vol: 1000 (g/mL) ML Lab File ID:
 % Moisture: decanted: (Y/N) Date Received: 04/23/93
 Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/24/93
 Concentrated Extract Volume: 2000 (uL) Date Analyzed: 05/03/93
 Injection Volume: 2.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>0</u>
519-84-6	alpha-BHC	0.010IU	
519-85-7	beta-BHC	0.010IU	
519-86-8	delta-BHC	0.010IU	
58-29-9	gamma-BHC (Lindane)	0.010IU	
76-44-8	Heptachlor	0.010IU	
509-00-2	Aldrin	0.010IU	
1024-57-3	Heptachlor epoxide	0.010IU	
959-98-8	Endosulfan I	0.010IU	
60-57-1	Dieldrin	0.020IU	
72-55-9	4,4'-DDE	0.020IU	
72-20-8	Endrin	0.020IU	
33213-65-9	Endosulfan II	0.020IU	
72-54-8	4,4'-DDD	0.020IU	
1031-07-8	Endosulfan sulfate	0.020IU	
50-29-3	4,4'-DDT	0.020IU	
72-43-5	Methoxychlor	0.10IU	
53494-70-5	Endrin ketone	0.020IU	
7421-36-3	Endrin aldehyde	0.020IU	
5103-71-9	alpha-Chlordane	0.010IU	
5103-74-2	gamma-Chlordane	0.010IU	
8001-35-2	Toxaphene	1.0IU	
12674-11-2	Aroclor-1016	0.20IU	
11104-28-2	Aroclor-1221	0.40IU	
11141-16-5	Aroclor-1232	0.20IU	
53469-21-9	Aroclor-1242	0.20IU	
12672-29-6	Aroclor-1248	0.20IU	
11097-69-1	Aroclor-1254	0.20IU	
11096-82-5	Aroclor-1260	0.20IU	

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