

NO QC EVALUATION HAS BEEN PERFORMED,
DATA VALIDITY IS UNSUBSTANTIATED
AND THE DATA SHOULD BE USED WITH DISCRETION
WTC TEDLAR BAG AIR ANALYSIS, TO-15 MODIFIED METHOD
DRAFT GC/MS Results for 02/20/02

File Name	NYC1103	NYC1104	NYC1105	NYC1106	NYC1108	NYC1107
Sample Location	Instrument Blank	Tedlar Bag Blank	Washing Tent Ambient Air	Austin Tobin Plaza	North Tower	South Tower
Sample Number			A07504	A07505	A07507	A07508
Sample Height			Breathing Level	Breathing Level	Ground Level	Ground Level
Sample Volume		250 mL	250 mL	250 mL	250 mL	250 mL
Reporting Limit (RL)	20	20	20	20	20	20
Sample Conc. Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Propylene	RL	RL	RL	RL	RL	RL
Chlorodifluoromethane	RL	RL	RL	RL	RL	RL
Dichlorodifluoromethane	RL	RL	RL	RL	RL	RL
Dichlorotetrafluoroethane	RL	RL	RL	RL	RL	RL
Chloromethane	RL	RL	RL	RL	RL	RL
Vinyl Chloride	RL	RL	RL	RL	RL	RL
1,3-Butadiene	RL	RL	RL	RL	RL	RL
Bromomethane	RL	RL	RL	RL	RL	RL
Chloroethane	RL	RL	RL	RL	RL	RL
Trichlorofluoromethane	RL	RL	RL	RL	RL	RL
Isopropyl Alcohol	RL	RL	RL	RL	RL	RL
Acetone	RL	RL	RL	RL	RL	RL
Trichlorotrifluoroethane	RL	RL	RL	RL	RL	RL
1,1-Dichloroethene	RL	RL	RL	RL	RL	RL
3-Chloropropene	RL	RL	RL	RL	RL	RL
Methylene Chloride	RL	RL	RL	RL	RL	RL
MTBE	RL	RL	RL	RL	RL	RL
trans-1,2-Dichloroethene	RL	RL	RL	RL	RL	RL
Hexane	RL	RL	RL	RL	RL	RL
1,1-Dichloroethane	RL	RL	RL	RL	RL	RL
Vinyl Acetate	RL	RL	RL	RL	RL	RL
2-Butanone	RL	RL	RL	RL	RL	RL
cis-1,2-Dichloroethene	RL	RL	RL	RL	RL	RL
Ethyl Acetate	RL	RL	RL	RL	RL	RL
Chloroform	RL	RL	RL	RL	RL	RL
Tetrahydrofuran	RL	RL	RL	RL	RL	RL
1,1,1-Trichloroethane	RL	RL	RL	RL	RL	RL
Cyclohexane	RL	RL	RL	RL	RL	RL
Carbon Tetrachloride	RL	RL	RL	RL	RL	RL
1,2-Dichloroethane	RL	RL	RL	RL	RL	RL
Benzene	RL	RL	RL	RL	RL	RL
Heptane	RL	RL	RL	RL	RL	RL
Trichloroethene	RL	RL	RL	RL	RL	RL
1,2-Dichloropropane	RL	RL	RL	RL	RL	RL
1,4-Dioxane	RL	RL	RL	RL	RL	RL
Methyl Isobutyl Ketone	RL	RL	RL	RL	RL	RL
cis-1,3-Dichloropropene	RL	RL	RL	RL	RL	RL
Toluene	RL	RL	RL	RL	RL	RL
trans-1,3-Dichloropropene	RL	RL	RL	RL	RL	RL
1,1,2-Trichloroethane	RL	RL	RL	RL	RL	RL
2-Hexanone	RL	RL	RL	RL	RL	RL
Tetrachloroethene	RL	RL	RL	RL	RL	RL
Dibromochloromethane	RL	RL	RL	RL	RL	RL
1,2-Dibromoethane	RL	RL	RL	RL	RL	RL
Chlorobenzene	RL	RL	RL	RL	RL	RL
Ethylbenzene	RL	RL	RL	RL	RL	RL
m&p-Xylenes	RL	RL	RL	RL	RL	RL
O-Xylene	RL	RL	RL	RL	RL	RL
Styrene	RL	RL	RL	RL	RL	RL
Bromoform	RL	RL	RL	RL	RL	RL
1,1,2,2-Tetrachloroethane	RL	RL	RL	RL	RL	RL
4-Ethyltoluene	RL	RL	RL	RL	RL	RL
1,3,5-Trimethylbenzene	RL	RL	RL	RL	RL	RL
1,2,4-Trimethylbenzene	RL	RL	RL	RL	RL	RL
1,3-Dichlorobenzene	RL	RL	RL	RL	RL	RL
1,4-Dichlorobenzene	RL	RL	RL	RL	RL	RL
Benzyl Chloride	RL	RL	RL	RL	RL	RL
1,2-Dichlorobenzene	RL	RL	RL	RL	RL	RL
1,2,4-Trichlorobenzene	RL	RL	RL	RL	RL	RL
Hexachloro-1,3-Butadiene	RL	RL	RL	RL	RL	RL

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DRAFT GC/MS Results for 02/20/02
Tentatively Identified Compounds

File Name	NYC1103	NYC1104	NYC1105
Sample Location	Instrument Blank	Tedlar Bag Blank	Washing Tent
Sample Number			A07504
Sample Height			Breathing Level
Volume		250 mL	250 mL
	None	None	None

File Name	NYC1106	NYC1108	NYC1107
Sample Location	Austin Tobin Plaza	North Tower	South Tower
Sample Number	A07505	A07507	A07506
Sample Height	Breathing Level	Ground Level	Ground Level
Volume	250 mL	250 mL	250 mL
	None	None	None

CITY_21MC100_002823280



USEPA Region 2 Air Sampling Work Sheet

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Tetra Tech Project, Rockaway, NJ
EPA Contract No. G1058240305701

Site: WTC NYC (WTC)

Tetra Tech

Contact:

Phone:

WA #:

WAM

Neil Norrell/Chris Jimenez

Phone:

212-608-7097

Sample #	07504	07505	07506	07507	NA
Location	Washing Tent	Austin Tobin Plaza	South Tower	North Tower	
Pump/Sampler #					
Media	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag	
Analysis / Method	VOCs	VOCs	VOCs	VOCs	
Time/Date (Start)	08:45/0 02/20/02	09:20/0 02/20/02	09:15/0 02/20/02	09:35/0 02/20/02	
Time/Date (Stop)	08:46/1 02/20/02	09:21/1 02/20/02	09:16/1 02/20/02	09:36/1 02/20/02	
Total Time (Minutes)	1 (min)	1 (min)	1 (min)	1 (min)	
Pump Fault	N	N	N	N	
Flow rate/min (Start)	1.0 Liters	1.0 Liters	1.0 Liters	1.0 Liters	
Flow rate/min (Stop)	1.0 Liters	1.0 Liters	1.0 Liters	1.0 Liters	
Flow rate/min (Avg)	1.0 Liters	1.0 Liters	1.0 Liters	1.0 Liters	
Volume	1.00 Liters	1.00 Liters	1.00 Liters	1.00 Liters	

Comments:

07504: Sample taken at breathing zone level

07505: Sample taken in breathing zone

07506: Sample taken at ground level

no plumes present

07507: Sample taken at ground level

no plumes present

USEPA Region 2

CHAIN OF CUSTODY RECORD

COC # 02/20/02-VOC

Tetra Tech, Rockaway, NJ

Contact:

Project Name: WTC NYC

Location: New York City

Site Phone: 212-608-7097

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Cooler #: 02/20/02-VOC

Lab: EPA Mobile Lab

Contact: Denoo/Savoia

no phone assigned

WO#:

EPA Contract G1058240305701

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	07504	Washing Tent	Air-Tube	02/20/02	Tedlar Bag/None	VOCs		1 Liters
	A	07505	Austin Tobin Plaza	Air-Tube	02/20/02	Tedlar Bag/None	VOCs		1 Liters
	A	07506	South Tower	Air-Tube	02/20/02	Tedlar Bag/None	VOCs		1 Liters
	A	07507	North Tower	Air-Tube	02/20/02	Tedlar Bag/None	VOCs		1 Liters

HP 2/20/02

Special Instructions:

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
10/Analysis	James P. H. H.	2/20/02	Lab Service	2/20/02	10 AM	Lab Service	Lab Service				

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