DRAFT GC/MS Results for 10/03/01 DRAFT

File name	NYC211	NYC212	NYC213	NYC214	NYC215
Sample Location	Instrument Blank	Tedlar Bag Blank	Ambient	Plume North Center of Tower	Plume North Tower, Middle
Sample Number			10461	10463	10465
Sample Height			Breathing Ht.	ground	ground
Volume		100 mL	100 mL	50 mL	50mL
Propylene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	20,000 ppbv	30,000 ppbv
Dichlorodifluoromethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	34 ppbv
Dichlorotetrafluoroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Chloromethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	8,600 ppbv	18,000 ppbv
Vinyl Chloride	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	61 ppbv	100 ppbv
1,3-Butadiene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Bromomethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	300 ppbv	580 ppbv
Chloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	740 ppbv	1,500 ppbv
Trichlorofluoromethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	120 ppbv	260 ppbv
Isopropyl Alcohol	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	550 ppbv	1,200 ppbv
Acetone	RL=20 ppbv	24 ppbv	54 ppbv	21,000 ppbv	36,000 ppbv
Trichlorotrifluoroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,1-Dichloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
3-Chloropropene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Methylene Chloride	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
MTBE	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
trans-1,2-Dichloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Hexane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	1,300 ppbv	2,200 ppbv
1,1-Dichloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Vinyl Acetate	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
2-Butanone	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	5,400 ppbv	10,000 ppbv
cis-1,2-Dichloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Ethyl Acetate	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Chloroform	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	77 ppbv	89 ppbv
Tetrahydrofuran	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	2,600 ppbv	5,100 ppbv
[redacted]1-Trichloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
[redacted]clohexane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Carbon Tetrachloride	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,2-Dichloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	100 ppbv	220 ppbv
Benzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	28,000 ppbv	39,000 ppbv
Heptane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	910 ppbv	1,600 ppbv
Trichloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	22 ppbv	31 ppbv
1,2-Dichloropropane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,4-Dioxane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	910 ppbv	1,800 ppbv
Methyl Isobutyl Ketone	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	480 ppbv	850 ppbv
cis-1,3-Dichloropropene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Toluene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	13,000 ppbv	18,000 ppbv
trans-1,3-Dichloropropene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,1,2-Trichloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
2-Hexanone	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	620 ppbv	970 ppbv
Tetrachloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	27 ppbv	41 ppbv
Dibromochloromethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,2-Dibromoethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Chlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	370 ppbv	540 ppbv
Ethylbenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	15,000 ppbv	18,000 ppbv
m&p-Xylenes	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	1,000 ppbv	1,500 ppbv
0-Xylene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	750 ppbv	1,100 ppbv
Styrene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	9,500 ppbv	14,000 ppbv
Bromoform	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,1,2,2-Tetrachloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
4-Ethyltoluene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	580 ppbv	920 ppbv
1,3,5-Trimethylbenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	630 ppbv	950 ppbv
1,2,4-Trimethylbenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	400 ppbv	620 ppbv
1,3-Dichlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	38 ppbv	51 ppbv
[redacted]-Dichlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
[redacted]zyl Chloride	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
[redacted]-Dichlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	73 ppbv	94 ppbv
1,2,4-Trichlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	21 ppbv	23 ppbv
Hexachloro-1,3-Butadiene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv

NO QC EVALUATION HAS BEEN PERFORMED, DATA VALIDITY IS UNSUBSTANTIATED AND THE DATA SHOULD BE USED

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

DRAFT GC/MS Results for 10/03/01 DRAFT

File name	NYC217	NYC218	NYC219	NYC216
Sample Location	Location #1 West & Liberty	Location #2 Greenwich & Liberty	Location #3 Austin Tobin Plaza	Plume South Tower, Middle
ample Number	10467	10462	10466	10464
ample Height	Breathing Ht.	Breathing Ht.	Breathing Ht.	ground
Volume	100 mL	100 mL	100 mL	50mL
Propylene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	2,500 ppbv
Dichlorodifluoromethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Dichlorotetrafluoroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Chloromethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	900 ppbv
Vinyl Chloride	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	21 ppbv
1,3-Butadiene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Bromomethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	34 ppbv
Chloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	58 ppbv
Trichlorofluoromethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Isopropyl Alcohol	56 ppbv	29 ppbv	RL=20 ppbv	96 ppbv
Acetone	110 ppbv	82 ppbv	82 ppbv	3,100 ppbv
Trichlorotrifluoroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,1-Dichloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
3-Chloropropene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Methylene Chloride	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
MTBE	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
trans-1,2-Dichloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Hexane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	130 ppbv
1,1-Dichloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Vinyl Acetate	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
2-Butanone	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	690 ppbv
cis-1,2-Dichloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Ethyl Acetate	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Chloroform	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
rahydrofuran	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	320 ppbv
,1-Trichloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Cyclohexane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Carbon Tetrachloride	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,2-Dichloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Benzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	4,300 ppbv
Heptane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	82 ppbv
Trichloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,2-Dichloropropane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,4-Dioxane	120 ppbv	69 ppbv	32 ppbv	130 ppbv
Methyl Isobutyl Ketone	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	42 ppbv
cis-1,3-Dichloropropene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Toluene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	1,700 ppbv
trans-1,3-Dichloropropene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,1,2-Trichloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
2-Hexanone	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	57 ppbv
Tetrachloroethene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	60 ppbv
Dibromochloromethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,2-Dibromoethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Chlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	74 ppbv
Ethylbenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	1,700 ppbv
m&p-Xylenes	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	100 ppbv
0-Xylene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	90 ppbv
Styrene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	770 ppbv
Bromoform	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,1,2,2-Tetrachloroethane	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
4-Ethyltoluene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	64 ppbv
1,3,5-Trimethylbenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	61 ppbv
-Trimethylbenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	47 ppbv
-Dichlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,4-Dichlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Benzyl Chloride	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
1,2-Dichlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	26 ppbv
1,2,4-Trichlorobenzene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv
Hexachloro-1,3-Butadiene	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv	RL=20 ppbv

NO QC EVALUATION HAS BEEN PERFORMED, DATA VALIDITY IS UNSUBSTANTIATED AND THE DATA SHOULD BE USED WITH DISCRETION

NYC 9/11 Public Portal Document

DRAFT GC/MS Results for 10/03/01 DRAFT
Tentatively Identified Compounds

File name	NYC211	NYC212	NYC213
Sample Location	Instrument Blank	Tedlar Bag Blank	Ambient
Sample Number			10461
Sample Height			Breathing
Volume		100 mL	100 mL
	None	None	None

File name	NYC217	NYC218	NYC219
Sample Location	Location #1	Location #2	Location #3
Sample Number	10467	10462	10466
Sample Height	Breathing	Breathing	Breathing
Volume	100 mL	100 mL	100 mL
	None	None	None

**NO QC EVALUATION HAS BEEN PERFORMED,
DATA VALIDITY IS UNSUBSTANTIATED
AND THE DATA SHOULD BE USED
WITH DISCRETION**

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NYC 9/11 Public Portal Document

DRAFT GC/MS Res[illegible]for 10/03/01 DRAFT
Tentatively Id[illegible]d Compounds

File name	NYC214	NYC215	NYC216
Sample Location	Plume, North, Center of Tower	Plume, North Tower, Middle	Plume, South Tower, Middle
Sample Number	10463	10465	10464
Sample Height	ground	ground	ground
Volume	50 mL	50 mL	50 mL
	1-Methyl-2-propene 1,200 ppbv	2-Methyl-1-propene 1,200 ppbv	2-Methyl-1-propene 630 ppbv
	Acetaldehyde 410 ppbv	Acetaldehyde 420 ppbv	Acetaldehyde 300 ppbv
	Pentane 930 ppbv	Pentane 970 ppbv	Pentane 390 ppbv
	Furan 530 ppbv	Furan 560 ppbv	Furan 310 ppbv
	Acetonitrile or isocyanomethane 530 ppbv	Acetonitrile or isocyanomethane 570 ppbv	Acetic acid, methyl ester 300 ppbv
	Acetic acid, methyl ester 540 ppbv	Acetic acid, methyl ester 640 ppbv	2-Methylfuran 820 ppbv
	2-Methylpentane 220 ppbv	Unknown 310 ppbv	Methylethyl-benzene 480 ppbv
	Unknown Hydrocarbon 290 ppbv	2-Methyl-1-pentene 340 ppbv	
	2-Methyl-1-pentene 310 ppbv	2-Methyl-2-pentene 360 ppbv	
	2-Methyl-2-pentene 330 ppbv	2-Methylfuran 1,600 ppbv	
	2-Methylfuran 1,400 ppbv	4-Methylcyclopentene 240 ppbv	
	4-Methylcyclopentene 220 ppbv	1-Chlorobutane 310 ppbv	
	1-Chlorobutane 280 ppbv	2,5-Dimethylfuran 330 ppbv	
	2,5-Dimethylfuran 270 ppbv	Pyridine 310 ppbv	
	Pyridine 270 ppbv	Cyclopentanone 310 ppbv	
	Cyclopentanone 260 ppbv	Methylethyl-benzene 880 ppbv	
	Methylethyl-benzene 840 ppbv	Propylbenzene 240 ppbv	
	Propylbenzene 220 ppbv	.alpha. Methylstyrene 430 ppbv	
	.alpha. Methylstyrene 490 ppbv	2-Ethyl-1-hexanol 240 ppbv	
	Benzonitrile 240 ppbv	Benzonitrile 230 ppbv	

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