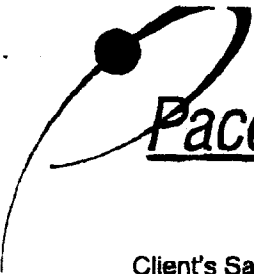


1700 Elm Street • Suite 200
Minneapolis, MN 55414 **Pace Analytical™**Tel: 612-607-1700
Fax: 612-607-6444**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX1		
Lab Sample ID	103513461		
Filename	F20524A_11		
Injected By	MRO		
Total Amount Extracted	0.38 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20524A_01 & F20524A_15	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/24/2002 17:26

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	----	38	5.3	E	2,3,7,8-TCDF-13C	2.00	72
Total TCDF	500.0	----	5.3		2,3,7,8-TCDD-13C	2.00	70
					1,2,3,7,8-PeCDF-13C	2.00	68
2,3,7,8-TCDD	9.5	----	5.3	J	2,3,4,7,8-PeCDF-13C	2.00	72
Total TCDD	1000.0	----	5.3		1,2,3,7,8-PeCDD-13C	2.00	77
					1,2,3,4,7,8-HxCDF-13C	2.00	61
1,2,3,7,8-PeCDF	41.0	----	26.0	J	1,2,3,6,7,8-HxCDF-13C	2.00	62
2,3,4,7,8-PeCDF	64.0	----	26.0	J	2,3,4,6,7,8-HxCDF-13C	2.00	83
Total PeCDF	450.0	----	26.0		1,2,3,7,8,9-HxCDF-13C	2.00	50
					1,2,3,4,7,8-HxCDD-13C	2.00	85
1,2,3,7,8-PeCDD	ND	----	26.0		1,2,3,6,7,8-HxCDD-13C	2.00	90
Total PeCDD	500.0	----	26.0		1,2,3,4,6,7,8-HpCDF-13C	2.00	61
					1,2,3,4,7,8,9-HpCDF-13C	2.00	39
1,2,3,4,7,8-HxCDF	54.0	----	26.0	J	1,2,3,4,6,7,8-HpCDD-13C	2.00	52
1,2,3,6,7,8-HxCDF	----	83	26.0	E	OCDD-13C	4.00	47
2,3,4,6,7,8-HxCDF	77.0	----	26.0	J			
1,2,3,7,8,9-HxCDF	----	78	26.0	I	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	620.0	----	26.0		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	30.0	----	26.0	J	2,3,7,8-TCDD-37Cl4	0.20	72
1,2,3,6,7,8-HxCDD	49.0	----	26.0	J			
1,2,3,7,8,9-HxCDD	43.0	----	26.0	J			
Total HxCDD	970.0	----	26.0				
1,2,3,4,6,7,8-HpCDF	340.0	----	26.0		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	32.0	A	Equivalence: 82 ng/Kg		
Total HpCDF	340.0	----	26.0		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	540.0	----	26.0				
Total HpCDD	900.0	----	26.0				
OCDF	380.0	----	53.0				
OCDD	3900.0	----	53.0				

Results reported on a total weight basis

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

B = Less than 10 times higher than method blank level

P = Recovery outside of target range

Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

NC = Not Calculated

* = See Discussion

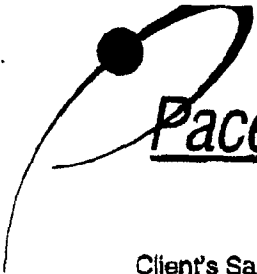
Report No.....02-1057132

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CITY_21MC100_002867940

1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612-607-6444


Pace Analytical™

Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-0427-STY-DX2		
Lab Sample ID	103513479		
Filename	F20524A_12		
Injected By	MRO		
Total Amount Extracted	0.17 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20524A_01 & F20524A_15	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/24/2002 18:16

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	----	160	15.0	EA	2,3,7,8-TCDF-13C	2.00	74
Total TCDF	3200	----	12.0		2,3,7,8-TCDD-13C	2.00	73
					1,2,3,7,8-PeCDF-13C	2.00	72
2,3,7,8-TCDD	26	----	12.0	J	2,3,4,7,8-PeCDF-13C	2.00	73
Total TCDD	3800	----	12.0		1,2,3,7,8-PeCDD-13C	2.00	78
					1,2,3,4,7,8-HxCDF-13C	2.00	69
1,2,3,7,8-PeCDF	----	150	59.0	E	1,2,3,6,7,8-HxCDF-13C	2.00	79
2,3,4,7,8-PeCDF	200	----	59.0	J	2,3,4,6,7,8-HxCDF-13C	2.00	78
Total PeCDF	1400	----	59.0		1,2,3,7,8,9-HxCDF-13C	2.00	57
					1,2,3,4,7,8-HxCDD-13C	2.00	87
1,2,3,7,8-PeCDD	ND	----	59.0		1,2,3,6,7,8-HxCDD-13C	2.00	92
Total PeCDD	1500	----	59.0		1,2,3,4,6,7,8-HpCDF-13C	2.00	64
					1,2,3,4,7,8,9-HpCDF-13C	2.00	45
1,2,3,4,7,8-HxCDF	170	----	59.0	J	1,2,3,4,6,7,8-HpCDD-13C	2.00	44
1,2,3,6,7,8-HxCDF	----	240	59.0	E	OCDD-13C	4.00	45
2,3,4,6,7,8-HxCDF	190	----	59.0	J			
1,2,3,7,8,9-HxCDF	ND	----	59.0		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	1600	----	59.0		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	59.0		2,3,7,8-TCDD-37Cl4	0.20	75
1,2,3,6,7,8-HxCDD	110	----	59.0	J			
1,2,3,7,8,9-HxCDD	79	----	59.0	J			
Total HxCDD	1900	----	59.0				
1,2,3,4,6,7,8-HpCDF	900	----	59.0		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	90.0	A	Equivalence: 220 ng/Kg		
Total HpCDF	900	----	59.0		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	1300	----	59.0				
Total HpCDD	3000	----	59.0				
OCDF	1200	----	120.0				
OCDD	12000	----	120.0				

Results reported on a total weight basis
 Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
 EMPC = Estimated Maximum Possible Concentration
 A = Detection Limit based on signal-to-noise measurement
 J = Concentration detected is below the calibration range
 B = Less than 10 times higher than method blank level
 P = Recovery outside of target range
 Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit
 I = Interference
 E = PODE Interference
 S = Saturated signal
 ND = Not Detected
 NA = Not Applicable
 NC = Not Calculated
 * = See Discussion

Report No.....02-1057132

REPORT OF LABORATORY ANALYSIS

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CITY_21MC100_002867941

1700 Elm Street - Suite 200
Minneapolis, MN 55414**Pace Analytical™**Tel: 612-607-1700
Fax: 612-607-6444**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX3		
Lab Sample ID	103513487		
Filename	F20525B_13		
Injected By	BAL		
Total Amount Extracted	0.45 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20525A_17 & F20525B_16	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/26/2002 16:30

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	----	27	8.1	EA	2,3,7,8-TCDF-13C	2.00	74
Total TCDF	440	----	4.4		2,3,7,8-TCDD-13C	2.00	77
					1,2,3,7,8-PeCDF-13C	2.00	78
2,3,7,8-TCDD	ND	----	7.1	A	2,3,4,7,8-PeCDF-13C	2.00	81
Total TCDD	530	----	4.4		1,2,3,7,8-PeCDD-13C	2.00	84
					1,2,3,4,7,8-HxCDF-13C	2.00	79
1,2,3,7,8-PeCDF	25	----	22.0	J	1,2,3,6,7,8-HxCDF-13C	2.00	83
2,3,4,7,8-PeCDF	52	----	22.0	J	2,3,4,6,7,8-HxCDF-13C	2.00	86
Total PeCDF	400	----	22.0		1,2,3,7,8,9-HxCDF-13C	2.00	83
					1,2,3,4,7,8-HxCDD-13C	2.00	93
1,2,3,7,8-PeCDD	----	25	22.0	I	1,2,3,6,7,8-HxCDD-13C	2.00	89
Total PeCDD	420	----	22.0		1,2,3,4,6,7,8-HpCDF-13C	2.00	82
					1,2,3,4,7,8,9-HpCDF-13C	2.00	56
1,2,3,4,7,8-HxCDF	37	----	22.0	J	1,2,3,4,6,7,8-HpCDD-13C	2.00	60
1,2,3,6,7,8-HxCDF	----	61	22.0	E	OCDD-13C	4.00	64
2,3,4,6,7,8-HxCDF	58	----	22.0	J			
1,2,3,7,8,9-HxCDF	ND	----	22.0		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	450	----	22.0		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	32	----	22.0	J	2,3,7,8-TCDD-37Cl4	0.20	79
1,2,3,6,7,8-HxCDD	59	----	22.0	J			
1,2,3,7,8,9-HxCDD	42	----	22.0	J			
Total HxCDD	970	----	22.0				
1,2,3,4,6,7,8-HpCDF	360	----	33.0	A	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	56.0	A	Equivalence: 64 ng/Kg		
Total HpCDF	680	----	22.0		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	590	----	22.0				
Total HpCDD	1300	----	22.0				
OCDF	400	----	44.0				
OCDD	3600	----	44.0				

Results reported on a total weight basis

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

B = Less than 10 times higher than method blank level

P = Recovery outside of target range

Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

NC = Not Calculated

* = See Discussion

Report No.....02-1057132

REPORT OF LABORATORY ANALYSISThis report shall not be reproduced, except in full,
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CITY_21MC100_002867942

1700 Elm Street - Suite 200
Minneapolis, MN 55414Tel: 612-607-1700
Fax: 612-607-8444Pace Analytical™**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX4		
Lab Sample ID	103513495		
Filename	F20524A_13		
Injected By	MRO		
Total Amount Extracted	0.65 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20524A_01 & F20524A_15	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/24/2002 19:05

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	-----	38	3.10	E	2,3,7,8-TCDF-13C	2.00	76
Total TCDF	640.0	-----	3.10		2,3,7,8-TCDD-13C	2.00	74
					1,2,3,7,8-PeCDF-13C	2.00	72
2,3,7,8-TCDD	7.2	-----	3.10	J	2,3,4,7,8-PeCDF-13C	2.00	75
Total TCDD	800.0	-----	3.10		1,2,3,7,8-PeCDD-13C	2.00	81
					1,2,3,4,7,8-HxCDF-13C	2.00	61
1,2,3,7,8-PeCDF	36.0	-----	15.00	J	1,2,3,6,7,8-HxCDF-13C	2.00	64
2,3,4,7,8-PeCDF	60.0	-----	15.00	J	2,3,4,6,7,8-HxCDF-13C	2.00	83
Total PeCDF	410.0	-----	15.00		1,2,3,7,8,9-HxCDF-13C	2.00	53
					1,2,3,4,7,8-HxCDD-13C	2.00	100
1,2,3,7,8-PeCDD	-----	20	15.00	I	1,2,3,6,7,8-HxCDD-13C	2.00	91
Total PeCDD	280.0	-----	15.00		1,2,3,4,6,7,8-HpCDF-13C	2.00	63
					1,2,3,4,7,8,9-HpCDF-13C	2.00	37
1,2,3,4,7,8-HxCDF	49.0	-----	15.00	J	1,2,3,4,6,7,8-HpCDD-13C	2.00	54
1,2,3,6,7,8-HxCDF	-----	75	15.00	E	OCDD-13C	4.00	47
2,3,4,6,7,8-HxCDF	66.0	-----	15.00	J			
1,2,3,7,8,9-HxCDF	ND	-----	15.00		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	660.0	-----	15.00		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	23.0	-----	15.00	J	2,3,7,8-TCDD-37Cl4	0.20	79
1,2,3,6,7,8-HxCDD	53.0	-----	15.00	J			
1,2,3,7,8,9-HxCDD	37.0	-----	15.00	J			
Total HxCDD	830.0	-----	15.00				
1,2,3,4,6,7,8-HpCDF	350.0	-----	15.00		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	-----	34.00	A	Equivalence: 76 ng/Kg		
Total HpCDF	350.0	-----	15.00		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	570.0	-----	15.00				
Total HpCDD	850.0	-----	15.00				
OCDF	420.0	-----	31.00				
OCDD	4400.0	-----	31.00				

Results reported on a total weight basis

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

B = Less than 10 times higher than method blank level

P = Recovery outside of target range

Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

NC = Not Calculated

* = See Discussion

Report No.....02-1057132

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CITY_21MC100_002867943

1700 Elm Street - Suite 200
Minneapolis, MN 55414**Pace Analytical™**Tel: 612-807-1700
Fax: 612-607-6444**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX5		
Lab Sample ID	103513503		
Filename	F20525B_03		
Injected By	BAL		
Total Amount Extracted	0.45 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20525A_17 & F20525B_16	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/26/2002 08:17

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	----	51	8.7	EA	2,3,7,8-TCDF-13C	2.00	74
Total TCDF	770.0	----	4.4		2,3,7,8-TCDD-13C	2.00	76
					1,2,3,7,8-PeCDF-13C	2.00	75
2,3,7,8-TCDD	8.1	----	6.6	JA	2,3,4,7,8-PeCDF-13C	2.00	75
Total TCDD	1200.0	----	4.4		1,2,3,7,8-PeCDD-13C	2.00	76
					1,2,3,4,7,8-HxCDF-13C	2.00	96
1,2,3,7,8-PeCDF	----	61	22.0	E	1,2,3,6,7,8-HxCDF-13C	2.00	88
2,3,4,7,8-PeCDF	80.0	----	22.0	J	2,3,4,6,7,8-HxCDF-13C	2.00	98
Total PeCDF	540.0	----	22.0		1,2,3,7,8,9-HxCDF-13C	2.00	103
					1,2,3,4,7,8-HxCDD-13C	2.00	84
1,2,3,7,8-PeCDD	----	24	22.0	I	1,2,3,6,7,8-HxCDD-13C	2.00	96
Total PeCDD	690.0	----	22.0		1,2,3,4,6,7,8-HpCDF-13C	2.00	89
					1,2,3,4,7,8,9-HpCDF-13C	2.00	78
1,2,3,4,7,8-HxCDF	----	53	22.0	E	1,2,3,4,6,7,8-HpCDD-13C	2.00	95
1,2,3,6,7,8-HxCDF	----	90	22.0	E	OCDD-13C	4.00	76
2,3,4,6,7,8-HxCDF	78.0	----	22.0	J			
1,2,3,7,8,9-HxCDF	ND	----	22.0		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	370.0	----	22.0		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	32.0	----	22.0	J	2,3,7,8-TCDD-37Cl4	0.20	75
1,2,3,6,7,8-HxCDD	51.0	----	22.0	J			
1,2,3,7,8,9-HxCDD	42.0	----	22.0	J			
Total HxCDD	1300.0	----	22.0				
1,2,3,4,6,7,8-HpCDF	320.0	----	22.0		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	24.0	A	Equivalence: 80 ng/Kg		
Total HpCDF	320.0	----	22.0		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	490.0	----	22.0				
Total HpCDD	840.0	----	22.0				
OCDF	330.0	----	44.0				
OCDD	3500.0	----	44.0				

Results reported on a total weight basis
 Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
 EMPC = Estimated Maximum Possible Concentration
 A = Detection Limit based on signal-to-noise measurement
 J = Concentration detected is below the calibration range
 B = Less than 10 times higher than method blank level
 P = Recovery outside of target range
 Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit
 I = Interference
 E = PCDE Interference
 S = Saturated signal
 ND = Not Detected
 NA = Not Applicable
 NC = Not Calculated
 * = See Discussion

Report No.....02-1057132

REPORT OF LABORATORY ANALYSIS

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CITY_21MC100_002867944

1700 Elm Street - Suite 200
Minneapolis, MN 55414Tel: 612-607-1700
Fax: 612-607-6444 **Pace Analytical™****Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX6		
Lab Sample ID	103513511		
Filename	F20525B_04		
Injected By	BAL		
Total Amount Extracted	0.42 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20525A_17 & F20525B_16	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/26/2002 09:05

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	-----	36	5.1	EA	2,3,7,8-TCDF-13C	2.00	75
Total TCDF	530.0	-----	4.8		2,3,7,8-TCDD-13C	2.00	75
					1,2,3,7,8-PeCDF-13C	2.00	75
2,3,7,8-TCDD	4.8	----	4.8	J	2,3,4,7,8-PeCDF-13C	2.00	78
Total TCDD	780.0	-----	4.8		1,2,3,7,8-PeCDD-13C	2.00	83
					1,2,3,4,7,8-HxCDF-13C	2.00	84
1,2,3,7,8-PeCDF	35.0	-----	24.0	J	1,2,3,6,7,8-HxCDF-13C	2.00	77
2,3,4,7,8-PeCDF	50.0	-----	24.0	J	2,3,4,6,7,8-HxCDF-13C	2.00	88
Total PeCDF	360.0	-----	24.0		1,2,3,7,8,9-HxCDF-13C	2.00	77
					1,2,3,4,7,8-HxCDD-13C	2.00	88
1,2,3,7,8-PeCDD	ND	----	24.0		1,2,3,6,7,8-HxCDD-13C	2.00	91
Total PeCDD	420.0	-----	24.0		1,2,3,4,6,7,8-HpCDF-13C	2.00	81
					1,2,3,4,7,8,9-HpCDF-13C	2.00	68
1,2,3,4,7,8-HxCDF	-----	79	24.0	E	1,2,3,4,6,7,8-HpCDD-13C	2.00	81
1,2,3,6,7,8-HxCDF	-----	62	24.0	E	OCDD-13C	4.00	66
2,3,4,6,7,8-HxCDF	52.0	-----	24.0	J			
1,2,3,7,8,9-HxCDF	-----	25	24.0	I	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	360.0	-----	24.0		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	-----	24.0		2,3,7,8-TCDD-37Cl4	0.20	76
1,2,3,6,7,8-HxCDD	42.0	-----	24.0	J			
1,2,3,7,8,9-HxCDD	33.0	-----	24.0	J			
Total HxCDD	790.0	-----	24.0				
1,2,3,4,6,7,8-HpCDF	280.0	-----	24.0		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	-----	27.0	A	Equivalence: 55 ng/Kg		
Total HpCDF	280.0	-----	24.0		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	480.0	-----	24.0				
Total HpCDD	770.0	-----	24.0				
OCDF	410.0	-----	48.0				
OCDD	3300.0	-----	48.0				

Results reported on a total weight basis

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

B = Less than 10 times higher than method blank level

P = Recovery outside of target range

Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

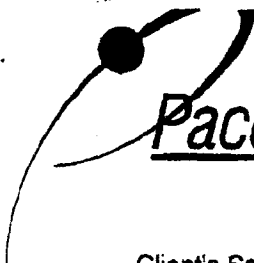
NC = Not Calculated

* = See Discussion

Report No.....02-1057132

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CITY_21MC100_002867945

1700 Elm Street - Suite 200
Minneapolis, MN 55414 **Pace Analytical™**Tel: 612-807-1700
Fax: 612-807-6444**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX7		
Lab Sample ID	103513529		
Filename	F20525B_05		
Injected By	BAL		
Total Amount Extracted	0.77 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20525A_17 & F20525B_16	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/26/2002 09:55

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	----	48	2.6	E	2,3,7,8-TCDF-13C	2.00	78
Total TCDF	930	----	2.6		2,3,7,8-TCDD-13C	2.00	79
					1,2,3,7,8-PeCDF-13C	2.00	79
2,3,7,8-TCDD	3100	----	2.6		2,3,4,7,8-PeCDF-13C	2.00	80
Total TCDD	4400	----	2.6		1,2,3,7,8-PeCDD-13C	2.00	83
					1,2,3,4,7,8-HxCDF-13C	2.00	90
1,2,3,7,8-PeCDF	51	----	13.0	J	1,2,3,6,7,8-HxCDF-13C	2.00	85
2,3,4,7,8-PeCDF	----	58	13.0	E	2,3,4,6,7,8-HxCDF-13C	2.00	91
Total PeCDF	440	----	13.0		1,2,3,7,8,9-HxCDF-13C	2.00	92
					1,2,3,4,7,8-HxCDD-13C	2.00	89
1,2,3,7,8-PeCDD	----	20	13.0	I	1,2,3,6,7,8-HxCDD-13C	2.00	95
Total PeCDD	520	----	13.0		1,2,3,4,6,7,8-HpCDF-13C	2.00	84
					1,2,3,4,7,8,9-HpCDF-13C	2.00	68
1,2,3,4,7,8-HxCDF	----	82	13.0	E	1,2,3,4,6,7,8-HpCDD-13C	2.00	84
1,2,3,6,7,8-HxCDF	----	77	13.0	E	OCDD-13C	4.00	68
2,3,4,6,7,8-HxCDF	51	----	13.0	J			
1,2,3,7,8,9-HxCDF	----	26	13.0	I	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	370	----	13.0		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	14	----	13.0	J	2,3,7,8-TCDD-37Cl4	0.20	85
1,2,3,6,7,8-HxCDD	34	----	13.0	J			
1,2,3,7,8,9-HxCDD	25	----	13.0	J			
Total HxCDD	770	----	13.0				
1,2,3,4,6,7,8-HpCDF	230	----	13.0		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	----	29	23.0	IA	Equivalence: 3100 ng/Kg		
Total HpCDF	230	----	13.0		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	330	----	13.0				
Total HpCDD	650	----	13.0				
OCDF	290	----	26.0				
OCDD	2800	----	26.0				

Results reported on a total weight basis

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

B = Less than 10 times higher than method blank level

P = Recovery outside of target range

Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

NC = Not Calculated

* = See Discussion

Report No.....02-1057132

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CITY_21MC100_002867946

1700 Elm Street - Suite 200
Minneapolis, MN 55414**Pace Analytical™**Tel: 612-607-1700
Fax: 612-607-6444**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX8		
Lab Sample ID	103513537		
Filename	U20529A_14		
Injected By	CVS		
Total Amount Extracted	0.66 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	04/16/2002	Received	05/01/2002
CCal Filename(s)	U20528B_04 & U20529A_16	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/29/2002 20:10

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	----	33	3.0	E	2,3,7,8-TCDF-13C	2.00	58
Total TCDF	500	----	3.0		2,3,7,8-TCDD-13C	2.00	82
					1,2,3,7,8-PeCDF-13C	2.00	56
2,3,7,8-TCDD	ND	----	3.6	A	2,3,4,7,8-PeCDF-13C	2.00	58
Total TCDD	530	----	3.0		1,2,3,7,8-PeCDD-13C	2.00	65
					1,2,3,4,7,8-HxCDF-13C	2.00	96
1,2,3,7,8-PeCDF	32	----	15.0	J	1,2,3,6,7,8-HxCDF-13C	2.00	87
2,3,4,7,8-PeCDF	62	----	15.0	J	2,3,4,6,7,8-HxCDF-13C	2.00	92
Total PeCDF	590	----	15.0		1,2,3,7,8,9-HxCDF-13C	2.00	90
					1,2,3,4,7,8-HxCDD-13C	2.00	126
1,2,3,7,8-PeCDD	----	33	29.0	IA	1,2,3,6,7,8-HxCDD-13C	2.00	73
Total PeCDD	390	----	15.0		1,2,3,4,6,7,8-HpCDF-13C	2.00	99
					1,2,3,4,7,8,9-HpCDF-13C	2.00	105
1,2,3,4,7,8-HxCDF	----	130	15.0	E	1,2,3,4,6,7,8-HpCDD-13C	2.00	119
1,2,3,6,7,8-HxCDF	----	88	15.0	E	OCDD-13C	4.00	105
2,3,4,6,7,8-HxCDF	68	----	15.0	J			
1,2,3,7,8,9-HxCDF	----	31	15.0	I	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	390	----	15.0		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	37	----	15.0	J	2,3,7,8-TCDD-37Cl4	0.20	86
1,2,3,6,7,8-HxCDD	62	----	15.0	J			
1,2,3,7,8,9-HxCDD	43	----	15.0	J			
Total HxCDD	1100	----	15.0				
1,2,3,4,6,7,8-HpCDF	620	----	15.0		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	31.0	A	Equivalence: 69 ng/Kg		
Total HpCDF	620	----	15.0		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	510	----	15.0				
Total HpCDD	970	----	15.0				
OCDF	810	----	30.0				
OCDD	3400	----	30.0				

Results reported on a total weight basis
 Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
 EMPC = Estimated Maximum Possible Concentration
 A = Detection Limit based on signal-to-noise measurement
 J = Concentration detected is below the calibration range
 B = Less than 10 times higher than method blank level
 P = Recovery outside of target range
 Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit
 I = Interference
 E = PCDE Interference
 S = Saturated signal
 ND = Not Detected
 NA = Not Applicable
 NC = Not Calculated
 * = See Discussion

Report No.....02-1057132

REPORT OF LABORATORY ANALYSIS

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CITY_21MC100_002867947

1700 Elm Street • Suite 200
Minneapolis, MN 55414**Pace Analytical™**Tel: 812-607-1700
Fax: 812-607-8444**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX9		
Lab Sample ID	103513545		
Filename	F20525B_12		
Injected By	BAL		
Total Amount Extracted	1.21 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20525A_17 & F20525B_16	Extracted	05/21/2002
Method Blank ID	BLANK-1634	Analyzed	05/26/2002 15:40

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	----	20	2.8	EA	2,3,7,8-TCDF-13C	2.00	74
Total TCDF	380.0	----	1.7		2,3,7,8-TCDD-13C	2.00	75
					1,2,3,7,8-PeCDF-13C	2.00	75
2,3,7,8-TCDD	3.8	----	3.3	JA	2,3,4,7,8-PeCDF-13C	2.00	79
Total TCDD	560.0	----	1.7		1,2,3,7,8-PeCDD-13C	2.00	83
					1,2,3,4,7,8-HxCDF-13C	2.00	88
1,2,3,7,8-PeCDF	21.0	----	8.3	J	1,2,3,6,7,8-HxCDF-13C	2.00	91
2,3,4,7,8-PeCDF	34.0	----	8.3	J	2,3,4,6,7,8-HxCDF-13C	2.00	89
Total PeCDF	250.0	----	8.3		1,2,3,7,8,9-HxCDF-13C	2.00	75
					1,2,3,4,7,8-HxCDD-13C	2.00	94
1,2,3,7,8-PeCDD	----	17	8.3	I	1,2,3,6,7,8-HxCDD-13C	2.00	90
Total PeCDD	250.0	----	8.3		1,2,3,4,6,7,8-HpCDF-13C	2.00	76
					1,2,3,4,7,8,9-HpCDF-13C	2.00	58
1,2,3,4,7,8-HxCDF	----	23	8.3	E	1,2,3,4,6,7,8-HpCDD-13C	2.00	78
1,2,3,6,7,8-HxCDF	----	41	8.3	E	OCDD-13C	4.00	54
2,3,4,6,7,8-HxCDF	36.0	----	8.3	J			
1,2,3,7,8,9-HxCDF	----	20	8.3	I	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	270.0	----	8.3		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	11.0	----	8.3	J	2,3,7,8-TCDD-37Cl4	0.20	80
1,2,3,6,7,8-HxCDD	26.0	----	8.3	J			
1,2,3,7,8,9-HxCDD	19.0	----	8.3	J			
Total HxCDD	460.0	----	8.3				
1,2,3,4,6,7,8-HpCDF	160.0	----	13.0	A	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	8.6	A	Equivalence: 37 ng/Kg		
Total HpCDF	160.0	----	8.3		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	260.0	----	8.3				
Total HpCDD	560.0	----	8.3				
OCDF	190.0	----	17.0				
OCDD	2000.0	----	17.0				

Results reported on a total weight basis

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

B = Less than 10 times higher than method blank level

P = Recovery outside of target range

Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

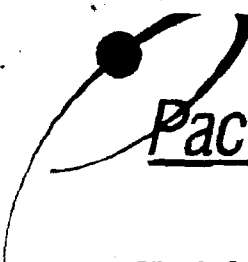
NC = Not Calculated

* = See Discussion

Report No.....02-1057132

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CITY_21MC100_002867948


Pace Analytical™
1700 Elm Street - Suite 200
Minneapolis, MN 55414Tel: 612-607-1700
Fax: 612-607-5444**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX10		
Lab Sample ID	103513552		
Filename	U20529A_13		
Injected By	CVS		
Total Amount Extracted	0.79 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	04/16/2002	Received	05/01/2002
CCal Filename(s)	U20528B_04 & U20529A_16	Extracted	05/21/2002
Method Blank ID	BLANK-1634	Analyzed	05/29/2002 19:21

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	-----	70	2.50	E	2,3,7,8-TCDF-13C	2.00	59
Total TCDF	1000.0	-----	2.50		2,3,7,8-TCDD-13C	2.00	65
					1,2,3,7,8-PeCDF-13C	2.00	58
2,3,7,8-TCDD	8.9	-----	2.70	JA	2,3,4,7,8-PeCDF-13C	2.00	60
Total TCDD	2400.0	-----	2.50		1,2,3,7,8-PeCDD-13C	2.00	67
					1,2,3,4,7,8-HxCDF-13C	2.00	74
1,2,3,7,8-PeCDF	-----	84	13.00	E	1,2,3,6,7,8-HxCDF-13C	2.00	79
2,3,4,7,8-PeCDF	100.0	-----	13.00		2,3,4,6,7,8-HxCDF-13C	2.00	78
Total PeCDF	640.0	-----	13.00		1,2,3,7,8,9-HxCDF-13C	2.00	83
					1,2,3,4,7,8-HxCDD-13C	2.00	78
1,2,3,7,8-PeCDD	39.0	-----	13.00	J	1,2,3,6,7,8-HxCDD-13C	2.00	76
Total PeCDD	1800.0	-----	13.00		1,2,3,4,6,7,8-HpCDF-13C	2.00	82
					1,2,3,4,7,8,9-HpCDF-13C	2.00	87
1,2,3,4,7,8-HxCDF	55.0	-----	13.00	J	1,2,3,4,6,7,8-HpCDD-13C	2.00	101
1,2,3,6,7,8-HxCDF	-----	110	13.00	E	OCDD-13C	4.00	88
2,3,4,6,7,8-HxCDF	89.0	-----	13.00				
1,2,3,7,8,9-HxCDF	14.0	-----	13.00	J	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	610.0	-----	13.00		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	43.0	-----	13.00	J	2,3,7,8-TCDD-37Cl4	0.20	71
1,2,3,6,7,8-HxCDD	68.0	-----	13.00				
1,2,3,7,8,9-HxCDD	51.0	-----	13.00	J			
Total HxCDD	2000.0	-----	13.00				
1,2,3,4,6,7,8-HpCDF	360.0	-----	13.00		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	-----	26.00	A	Equivalence: 120 ng/Kg		
Total HpCDF	360.0	-----	13.00		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	550.0	-----	13.00				
Total HpCDD	1100.0	-----	13.00				
OCDF	340.0	-----	25.00				
OCDD	3600.0	-----	25.00				

Results reported on a total weight basis
 Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
 EMPC = Estimated Maximum Possible Concentration
 A = Detection Limit based on signal-to-noise measurement
 J = Concentration detected is below the calibration range
 B = Less than 10 times higher than method blank level
 P = Recovery outside of target range
 Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit
 I = Interference
 E = PCDE Interference
 S = Saturated signal
 ND = Not Detected
 NA = Not Applicable
 NC = Not Calculated
 * = See Discussion

Report No.....02-1057132

REPORT OF LABORATORY ANALYSIS

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CITY_21MC100_002867949

1700 Elm Street - Suite 200
Minneapolis, MN 55414**Pace Analytical™**Tel: 612-607-1700
Fax: 612-607-6444**Method 8290 Analysis Results**

Client - ATC

Client's Sample ID	ATC-0427-STY-DX11		
Lab Sample ID	103513560		
Filename	F20525B_08		
Injected By	BAL		
Total Amount Extracted	0.18 g	Matrix	DUST
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/27/2002
ICAL Date	05/04/2002	Received	05/01/2002
CCal Filename(s)	F20525A_17 & F20525B_16	Extracted	05/21/2002
Method Blank ID	BLANK-1634	Analyzed	05/26/2002 12:23

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	11.0	2,3,7,8-TCDF-13C	2.00	50
Total TCDF	ND	----	11.0	2,3,7,8-TCDD-13C	2.00	47
				1,2,3,7,8-PeCDF-13C	2.00	51
2,3,7,8-TCDD	ND	----	11.0	2,3,4,7,8-PeCDF-13C	2.00	52
Total TCDD	35	----	11.0	1,2,3,7,8-PeCDD-13C	2.00	52
				1,2,3,4,7,8-HxCDF-13C	2.00	86
1,2,3,7,8-PeCDF	ND	----	56.0	1,2,3,6,7,8-HxCDF-13C	2.00	94
2,3,4,7,8-PeCDF	ND	----	56.0	2,3,4,6,7,8-HxCDF-13C	2.00	77
Total PeCDF	ND	----	56.0	1,2,3,7,8,9-HxCDF-13C	2.00	56
				1,2,3,4,7,8-HxCDD-13C	2.00	84
1,2,3,7,8-PeCDD	ND	----	56.0	1,2,3,6,7,8-HxCDD-13C	2.00	88
Total PeCDD	ND	----	56.0	1,2,3,4,6,7,8-HpCDF-13C	2.00	82
				1,2,3,4,7,8,9-HpCDF-13C	2.00	61
1,2,3,4,7,8-HxCDF	ND	----	56.0	1,2,3,4,6,7,8-HpCDD-13C	2.00	58
1,2,3,6,7,8-HxCDF	ND	----	56.0	OCDD-13C	4.00	48
2,3,4,6,7,8-HxCDF	ND	----	56.0			
1,2,3,7,8,9-HxCDF	ND	----	56.0	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	ND	----	56.0	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	56.0	2,3,7,8-TCDD-37Cl4	0.20	53
1,2,3,6,7,8-HxCDD	ND	----	56.0			
1,2,3,7,8,9-HxCDD	ND	----	56.0			
Total HxCDD	ND	----	56.0			
1,2,3,4,6,7,8-HpCDF	ND	----	56.0	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	56.0	Equivalence: 0.19 ng/Kg		
Total HpCDF	ND	----	56.0	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	ND	----	56.0			
Total HpCDD	ND	----	56.0			
OCDF	ND	----	110.0			
OCDD	190	----	110.0			

Results reported on a total weight basis
 Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
 EMPC = Estimated Maximum Possible Concentration
 A = Detection Limit based on signal-to-noise measurement
 J = Concentration detected is below the calibration range
 B = Less than 10 times higher than method blank level
 P = Recovery outside of target range
 Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit
 I = Interference
 E = PCDE Interference
 S = Saturated signal
 ND = Not Detected
 NA = Not Applicable
 NC = Not Calculated
 * = See Discussion

Report No.....02-1057132

REPORT OF LABORATORY ANALYSIS

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