


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

Client - ATC

Client's Sample ID	ATC-0427-STY-DX16		
Lab Sample ID	103513388		
Filename	F20523A_14		
Injected By	BAL		
Total Amount Extracted	0.07 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)	F20523A_05 & F20523A_20	Extracted	05/20/2002
Method Blank ID	BLANK-1633	Analyzed	05/23/2002 23:29

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	43	----	29 J	2,3,7,8-TCDF-13C	2.00	87
Total TCDF	160	----	29	2,3,7,8-TCDD-13C	2.00	75
				1,2,3,7,8-PeCDF-13C	2.00	68
2,3,7,8-TCDD	ND	----	38 A	2,3,4,7,8-PeCDF-13C	2.00	75
Total TCDD	260	----	29 B	1,2,3,7,8-PeCDD-13C	2.00	68
				1,2,3,4,7,8-HxCDF-13C	2.00	80
1,2,3,7,8-PeCDF	ND	----	140	1,2,3,6,7,8-HxCDF-13C	2.00	96
2,3,4,7,8-PeCDF	ND	----	140	2,3,4,6,7,8-HxCDF-13C	2.00	71
Total PeCDF	ND	----	140	1,2,3,7,8,9-HxCDF-13C	2.00	84
				1,2,3,4,7,8-HxCDD-13C	2.00	79
1,2,3,7,8-PeCDD	ND	----	140	1,2,3,6,7,8-HxCDD-13C	2.00	94
Total PeCDD	220	----	140	1,2,3,4,6,7,8-HpCDF-13C	2.00	64
				1,2,3,4,7,8,9-HpCDF-13C	2.00	48
1,2,3,4,7,8-HxCDF	ND	----	140	1,2,3,4,6,7,8-HpCDD-13C	2.00	39 IP
1,2,3,6,7,8-HxCDF	ND	----	140	OCDD-13C	4.00	49
2,3,4,6,7,8-HxCDF	ND	----	140			
1,2,3,7,8,9-HxCDF	ND	----	140	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	150	----	140	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	140	2,3,7,8-TCDD-37Cl4	0.20	87
1,2,3,6,7,8-HxCDD	ND	----	140			
1,2,3,7,8,9-HxCDD	ND	----	140			
Total HxCDD	670	----	140			
1,2,3,4,6,7,8-HpCDF	360	----	140 J	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	140	Equivalence: 22 ng/Kg		
Total HpCDF	620	----	140 J	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	790	----	140			
Total HpCDD	1800	----	140			
OCDF	650	----	290 J			
OCDD	5200	----	290			

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

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REPORT OF LABORATORY ANALYSIS

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