NYC 9/11 Public Portal Document

[redacted]

AMBIENT GROUP

Dioxins/Furans, HRGC/HRMS (8290)

Client Sample ID: 211909-12D-P

ot-Sample #...:	G2D230154 - 012	Work Order #...:	EX9791AC	Matrix....:	SOLID
)ate Sampled...:	04/22/02	Date Received..:	04/23/02	Instrument:	7D5
'rep Date.....:	04/25/02	Analysis Date..:	04/29/02	Units.....:	pg/g
'rep Batch #...:	2115447	Dilution Factor:	1	% Moisture:	

'ARAMETER	RESULT		DETECTION LIMIT	TEF FACTOR	TEQ CONCENTRATION
,3,7,8-TCDD	380			1.000	380.000000
,2,3,7,8-PeCDD	1200			0.500	600.000000
,2,3,4,7,8-HxCDD	1300			0.100	130.000000
,2,3,6,7,8-HxCDD	1900			0.100	190.000000
,2,3,7,8,9-HxCDD	1700			0.100	170.000000
,2,3,4,6,7,8-HpCDD	12000			0.010	120.000000
)CDD	35000			0.001	35.000000
,3,7,8-TCDF	1700	CON		0.100	170.000000
,2,3,7,8-PeCDF	2200			0.050	110.000000
,3,4,7,8-PeCDF	3500			0.500	1,800.000000
,2,3,4,7,8-HxCDF	4400			0.100	440.000000
,2,3,6,7,8-HxCDF	3700			0.100	370.000000
,3,4,6,7,8-HxCDF	4000			0.100	400.000000
,2,3,7,8,9-HxCDF	260			0.100	26.000000
,2,3,4,6,7,8-HpCDF	16000			0.010	160.000000
,2,3,4,7,8,9-HpCDF	1900			0.010	19.000000
)CDF	8300			0.001	8.300000
'otal TEQ Concentration					5,128.300000

NTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	80	40 - 135
13C-1,2,3,7,8-PeCDD	73	40 - 135
13C-1,2,3,6,7,8-HxCDD	72	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	69	40 - 135
13C-OCDD	77	40 - 135
13C-2,3,7,8-TCDF	75	40 - 135
13C-1,2,3,7,8-PeCDF	77	40 - 135
13C-1,2,3,4,7,8-HxCDF	75	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	67	40 - 135

Notes:

TEF values are cited in U.S. Environmental Protection Agency, (1989) Interim procedures for estimating risks associated with exposures to mixtures of chlorinated dibenzo-p-dioxins and -dibenzofurans (CDDs and CDFs) and 1989 update. U.S. Environmental Protection Agency, Risk Assessment forum, Washington, DC; EPA/625/3-89/016.

CON Confirmation analysis.

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