

AMBIENT GROUP
Dioxins/Furans, HRGC/HRMS (8290)

Client Sample ID: 211909-35D

Lot-Sample #...: G2D230154 - 009
 Date Sampled...: 04/22/02
 Prep Date.....: 04/25/02
 Prep Batch #...: 2115447

Work Order #...: BX9721AC
 Date Received...: 04/23/02
 Analysis Date...: 04/29/02
 Dilution Factor: 1

Matrix.....: SOLID
 Instrument: 7D5
 Units.....: pg/g
 % Moisture:

PARAMETER	RESULT	DETECTION LIMIT	TEF FACTOR	TEQ CONCENTRATION
2,3,7,8-TCDD	57		1.000	57.000000
1,2,3,7,8-PeCDD	120		0.500	60.000000
1,2,3,4,7,8-HxCDD	100		0.100	10.000000
1,2,3,6,7,8-HxCDD	160		0.100	16.000000
1,2,3,7,8,9-HxCDD	140		0.100	14.000000
1,2,3,4,6,7,8-HpCDD	1100		0.010	11.000000
OCDD	4200		0.001	4.200000
2,3,7,8-TCDF	320	CON	0.100	32.000000
1,2,3,7,8-PeCDF	270		0.050	14.000000
2,3,4,7,8-PeCDF	370		0.500	180.000000
1,2,3,4,7,8-HxCDF	270		0.100	27.000000
1,2,3,6,7,8-HxCDF	250		0.100	25.000000
2,3,4,6,7,8-HxCDF	240		0.100	24.000000
1,2,3,7,8,9-HxCDF	22		0.100	2.200000
1,2,3,4,6,7,8-HpCDF	880	JA	0.010	8.800000
1,2,3,4,7,8,9-HpCDF	120		0.010	1.200000
OCDF	510		0.001	0.510000
Total TEQ Concentration				486.910000

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	76	40 - 135
13C-1,2,3,7,8-PeCDD	68	40 - 135
13C-1,2,3,6,7,8-HxCDD	76	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	70	40 - 135
13C-OCDD	80	40 - 135
13C-2,3,7,8-TCDF	68	40 - 135
13C-1,2,3,7,8-PeCDF	67	40 - 135
13C-1,2,3,4,7,8-HxCDF	72	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	71	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.

JA The analyte was positively identified, but the quantitation is an estimate.

Sac_Stnd_TBQ.RPT Rev. 0

11/10/200X

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