NYC 9/11 Public Portal Document

H. A. Bader, Consultants

TLI Project: 56392 — Method 8290 PCDD/PCDF Analysis (b)
Client Sample: 609 — Analysis File: W010207

Client Project:	NYC WTC area testing			ICal:	WF56281
Sample Matrix:	WIPE	Date Received:	01/12/2002	Spike File:	SPMIT34W
TLI ID:	315-65-6	Date Extracted:	01/14/2002	1st CCal:	W020100
		Date Analyzed:	01/16/2002	End CCal:	W020103
Sample Size:	1.000	Dilution Factor:	n/a	% Moisture:	n/a
Dry Weight:	n/a	Blank File:	S020226	% Lipid:	n/a
GC Column:	DB-5	Analyst:	JSY	% Solids:	n/a

Analytes	Amt. (ng)	DL	EMPC	Ratio	RT	Flags
2,3,7,8-TCDD	0.13			0.79	26:38	B__
1,2,3,7,8-PeCDD	0.47			1.61	30:54	__
1,2,3,4,7,8-HxCDD	0.30			1.06	34:01	__
1,2,3,6,7,8-HxCDD	0.53			1.09	34:06	__
1,2,3,7,8,9-HxCDD	EMPC		0.81			__
1,2,3,4,6,7,8-HpCDD	2.1			1.00	37:20	__
1,2,3,4,6,7,8,9-OCDD	3.3			0.85	40:55	__
2,3,7,8-TCDF	5.1			0.72	25:58	__
1,2,3,7,8-PeCDF	EMPC		1.1			X__
2,3,4,7,8-PeCDF	1.3			1.47	30:34	__
1,2,3,4,7,8-HxCDF	2.1			1.25	33:19	__
1,2,3,6,7,8-HxCDF	0.84			1.24	33:25	__
1,2,4,6,7,8-HxCDF	0.97			1.24	33:54	__
1,2,3,7,8,9-HxCDF	EMPC		0.30			X__
1,2,3,4,6,7,8-HpCDF	2.3			1.08	36:18	__
1,2,3,4,7,8,9-HpCDF	0.34			1.09	37:49	__
1,2,3,4,6,7,8,9-OCDF	0.78			0.93	41:06	__

Totals	Amt. (ng)	Number	DL	EMPC	Flags
Total TCDD	28.5	11		28.5	E__
Total PeCDD	33.7	9		35.1	__
Total HxCDD	18.3	5		19.5	__
Total HpCDD	5.0	2			__
Total TCDF	21.7	13		22.3	__
Total PeCDF	16.0	13		18.1	X__
Total HxCDF	7.5	11		7.8	__
Total HpCDF	3.6	4			__

MIT3_PSR v1.00, LARS 6.25.01m

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Internal Standards	Amt. (ng)	% Recovery	QC Limits	Ratio	RT	Flags
$^{13}C_{12}$-2,3,7,8-TCDF	3.2	80.3	40%-130%	0.75	25:54	—
$^{13}C_{12}$-2,3,7,8-TCDD	3.1	78.4	40%-130%	0.79	26:38	—
$^{13}C_{12}$-1,2,3,7,8-PeCDF	3.7	91.4	40%-130%	1.47	29:51	—
$^{13}C_{12}$-1,2,3,7,8-PeCDD	3.9	96.4	40%-130%	1.57	30:53	—
$^{13}C_{12}$-1,2,3,6,7,8-HxCDF	3.0	75.6	40%-130%	0.51	33:25	—
$^{13}C_{12}$-1,2,3,6,7,8-HxCDD	3.4	86.2	40%-130%	1.17	34:05	—
$^{13}C_{12}$-1,2,3,4,6,7,8-HpCDF	2.4	59.8	25%-130%	0.44	36:17	—
$^{13}C_{12}$-1,2,3,4,6,7,8-HpCDD	3.6	90.8	25%-130%	1.00	37:19	—
$^{13}C_{12}$-1,2,3,4,6,7,8,9-OCDD	6.5	81.9	25%-130%	0.84	40:54	—

Surrogate Standards (Type B)	Amt. (ng)	% Recovery	QC Limits	Ratio	RT	Flags
$^{13}C_{12}$-2,3,4,7,8-PeCDF	3.9	97.2	40%-130%	1.46	30:33	—
$^{13}C_{12}$-1,2,3,4,7,8-HxCDF	3.0	74.4	40%-130%	0.50	33:19	—
$^{13}C_{12}$-1,2,3,4,7,8-HxCDD	3.3	82.5	40%-130%	1.22	34:01	—
$^{13}C_{12}$-1,2,3,4,7,8,9-HpCDF	3.3	82.9	25%-130%	0.44	37:48	—

Other Standard	Amt. (ng)	% Recovery	QC Limits	RT	Flags
$^{37}Cl_4$-2,3,7,8-TCDD	0.32	78.9	40%-130%	26:38	—

Alternate Standards (Type B)	Amt. (ng)	% Recovery	QC Limits	Ratio	RT	Flags
$^{13}C_{12}$-1,2,3,7,8,9-HxCDF	3.0	74.7	40%-130%	0.51	34:39	—
$^{13}C_{12}$-2,3,4,6,7,8-HxCDF	3.3	81.8	40%-130%	0.51	33:54	—

Recovery Standards	Ratio	RT	Flags
$^{13}C_{12}$-1,2,3,4-TCDD	0.81	26:26	—
$^{13}C_{12}$-1,2,3,7,8,9-HxCDD	1.28	34:24	—

Data Reviewer: KH 01/17/2002

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