The Dow Chemical Company Study ID: 041056 ACL #: 2004-149 Page 1 of 3

Dose Confirmation ANALYTICAL REPORT NUMBER: 2004-149

1,1,2-Trichloroethane was mixed in municipal water

	ANALYTICAL REPOR	RT NUMBER	R: 2004-14	9	
Study number:	041056				
Study Title:	1,1,2-Trichloroethane:	Drinking Wat	er Stability		
File number:	K-002519-011	Project #:	60183	Task/rep:	256-1
Project / Sample	Description (optional):				

Test material(s): 1,1,2-Trichloroethane

Test material lot #: RL10019301

Report recipient(s): Amanda Andrus

Analysis request date: 10/5/2004
Date submittor prepared samples: 10/12/2004

Number of samples or estimate: 3

Date samples prepared for analysis: 10/18/2004 Analysis date: 10/18/2004

Number of samples analyzed: 4

Analysis method: GC/ECD
Method reference: AL #2004-123

Results:			Relative		
	Target	Observed	Standard	Standard	
Sample	conc.	conc.	deviation		of target
ID	mg/ml	mg/ml	%	n	conc.
Control	0.00	<llq< td=""><td>NA</td><td>1</td><td>NA</td></llq<>	NA	1	NA
170 mg/L	0.170	0.151	0.430	3	88.8%
570 mg/L	0.570	0.547	NA	2	96.0%
1350 mg/L	1.35	1.24	1.43	3	91.9%

	<llq =="" below="" low<="" td=""><td>er limit <mark>of</mark> qu</td><td>antitation of</td><td>0.0658</td><td>mg/ml</td><td>NA = no</td><td>t applicable</td></llq>	er limit <mark>of</mark> qu	antitation of	0.0658	mg/ml	NA = no	t applicable
Analys	t_Peli	tro.	Bew	He-	05-2	3-05	
QAU _		 			 		
Approv	work conducted in val	accordance w	ith applicable 0	GLAT'S (QAU SIG	nature required :	if study run out	side of TERC
• •	7/			7 7		_	

The Dow Chemical Company Study ID: 041056 ACL #: 2004-149

Page 1 of 3

Dose Confirmation ANALYTICAL REPORT NUMBER: 2004-149

Study number: 041056

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File number: K-002519-011 Project #: 60183 Task/rep: 256-1

Project / Sample Description (optional):

1,1,2-Trichloroethane was mixed in municipal water

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Amanda Andrus
10/5/2004
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<llq =="" below="" low<="" td=""><td>er limit of quantitation of</td><td>0.0658</td><td>mg/ml</td><td>NA = no</td><td>t applicable</td></llq>	er limit of quantitation of	0.0658	mg/ml	NA = no	t applicable		

Analyst ______Debbie Beuthin 05-23-05_

QAU _______
work conducted in accordance with applicable GLP's (QAU signature required if study run outside of TERC)

Approval _____Kathy Brzak 05-23-05_

The Dow Chemical Company Study ID: 041056 ACL #: 2004-149 Page 2 of 3

Cumulative Dose Confirmations

ACL Report #	2004-135	2004-149								
Date Mixed	09/07/2004	10/12/2004								
	Mean % of	Mean % of	Mean % of	Mean % of	Mean % of	Mean % of	Mean % of	Overall	Overall Std.	Number of
Dose Level	Target Conc.	Target Conc.	Target Conc.	Target Conc.	Target Conc.	Target Conc.	Target Conc.	Mean	Dev.	Analyses
Control	<llq< td=""><td><llq< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td></llq<></td></llq<>	<llq< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td></llq<>								2
170 mg/L	92.9%	88.8%						90.9%	NA	. 2
570 mg/L	94.6%	96.0%						95.3%	NA	. 2
1350 mg/L	94.1%	91.9%						93.0%	NA	. 2

<LLQ = less than lower limit of quantitation ranging from 0.0658 mg/ml to 0.112 mg/ml. NA= Not Applicable

Page 3 of 3

Homogeneity Results: Low and High Dose by Request

Results: Sample	Sampling	Observed conc.	Mean Observed conc.	Standard deviation	Relative standard	
ID	location	mg/ml	mg/ml	mg/ml	deviation	n
170 mg/L	Тор	0.151				
<u> </u>	Middle	0.150				
	Bottom	0.151	0.151	0.000650	0.430%	3
1350 mg/L	Тор	1.26				
	Middle	1.23				
	Bottom	1.24	1.24	0.0177	1.43%	3

Detailed description of sampling process:

The 170 mg/L and 1350 mg/L dose levels were sampled from the top, middle, and bottom to analyze for homogeneity. The data recorded on page 1 represents an average for these samples at that dose level. The individual results are above.

Graphic of sampling locations:

