



Submitted To: Kerri Castlen
Hamilton County Environmental Services
250 William Howard Taft Road
Cincinnati, OH
45219

Reference Data:

Sample Location: Lanxess
Sample Type: Silco Canister
Client Sample No.: 108493033006
PO #: 270043225
Method Reference: TO-15
Sample Set ID#: 06-M-1389
DATACHEM Lab No.: 06-08432
Sample Receipt Date: 3/31/2006
Analysis Date: 4/14/2006

Sample condition was acceptable upon receipt except where noted.

The above numbered samples were analyzed for volatile organic compounds by EPA method TO-15 using an Entech 7000 Cryogenic Preconcentrator and a Hewlett-Packard GC/MS/DS operating in the scan mode.

Quantitation is based upon average response factors generated from a five-point curve. The results are provided in the enclosed data table. Results relate only to the items tested and are not blank corrected.

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Mark Johnson

Data Table PPB

Client #	108493 033006			EQL
DCL #	06-08432	Blank		
Propene	2	ND		1
Dichlorodifluoromethane	ND	ND		1
Freon 114	ND	ND		1
Chloromethane	ND	ND		1
1,3-Butadiene	4.7	ND		0.5*
Vinyl Chloride	ND	ND		1
Bromomethane	ND	ND		1
Chloroethane	ND	ND		1
Trichlorofluoromethane	ND	ND		1
2-Propanol	ND	1 B		1
1,1-Dichloroethene	ND	ND		1
Freon 113	ND	ND		1
Acetone	ND	ND		8
Carbon Disulfide	ND	ND		1
Methylene Chloride	ND	ND		1
MTBE	ND	ND		1
Trans 1,2-Dichloroethene	ND	ND		1
Vinyl Acetate	ND	ND		1
Hexane	ND	ND		1
1,1-Dichloroethane	ND	ND		1
Cis-1,2-Dichloroethene	ND	ND		1
2-Butanone	ND	ND		1
Ethyl Acetate	ND	ND		1
Chloroform	ND	ND		1
Tetrahydrofuran	ND	ND		1
1,1,1-Trichloroethane	ND	ND		1
Cyclohexane	ND	ND		1
Carbon Tetrachloride	ND	ND		1
Heptane	ND	ND		1
Benzene	ND	ND		1
1,2-Dichloroethane	ND	ND		1
Trichloroethene	ND	ND		1
1,2-Dichloropropane	ND	ND		1
1,4 Dioxane	ND	ND		1
Bromodichloromethane	ND	ND		1
cis-1,3-Dichloropropene	ND	ND		1
4-Methyl 2-Pentanone	ND	ND		1
Toluene	ND	ND		1
trans-1,3-Dichloropropene	ND	ND		1
1,1,2-Trichloroethane	ND	ND		1
Tetrachloroethene	ND	ND		1
2-Hexanone	ND	ND		1
Dibromochloromethane	ND	ND		1

ND indicates not detected at or above the EQL value.

Data Table PPB

Client #	108493 033006			EQL
DCL #	06-08432	Blank		
1,2-Dibromoethane	ND	ND		1
Chlorobenzene	ND	ND		1
Ethylbenzene	ND	ND		1
M&P Xylene	ND	ND		1
O Xylene	ND	ND		1
Styrene	1.9	ND		0.5*
Bromoform	ND	ND		1
1,1,2,2-Tetrachloroethane	ND	ND		1
4-Ethyl Toluene	ND	ND		1
1,3,5-Trimethylbenzene	ND	ND		1
1,2,4-Trimethylbenzene	ND	ND		1
1,3-Dichlorobenzene	ND	ND		1
1,4-Dichlorobenzene	ND	ND		1
Benzyl Chloride	ND	ND		1
1,2-Dichlorobenzene	ND	ND		1
1,2,4-Trichlorobenzene	ND	ND		1
Hexachlorobutadiene	ND	ND		1
Acrylonitrile	2.0	ND		0.5*

ND indicates not detected at or above the EQL value. *MDL value.
B indicates compound was found in the blank.

Internal Standard Recovery

% Rec Bromochloromethane	87	91	
% Rec 1,4-Difluorobenzene	90	95	
% Rec Chlorobenzene-d5	92	100	

Surrogate Recovery

% Rec Bromofluorobenzene	97	110	
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Acceptable Internal Standard and Surrogate recovery range between 60-140.

Unknown Compounds Tentative Identification

PPB

* Tentative identification based on NBS spectral library. Quantitated values are based on a response factor of 1 and comparison to the closest internal standard and should be considered estimates.

Mark Johnson

Quinn Upkey

Mark Johnson
Analyst

Reviewer



DataChem Laboratories
Field Chain-of-Custody Record

Page 1 of 1
Cooler Temp: _____
(Lab only)

06801

Client Contact Name & Address: <u>HCD OES</u> <u>250 William Howard Taft Rd.</u> <u>Cincinnati, OH 45219</u> <u>Seth Cloan</u> Phone: <u>513-946-7747</u> Fax: Billing Address (if different than above): <u>Lanxess</u>					PO Number: Project No.: Project Name: <u>06-M-1389</u> Sampler: (Signature) <u>Seth Cloan</u>		Analysis Requested										No. of Containers				
					Preservation	Sample Type <u>TO-15</u>															
Sample Number	Site ID	Date	Time	Lab Sample Number																	
<u>108493033006</u>				<u>0608152</u>																	
Notes:																					

Relinquished by: (Signature) <u>Seth Cloan</u>	Time / Date <u>3/31/06</u> <u>844</u>	Received by: (Signature) <u>Chae Kelley</u>	Time / Date <u>3/31/06</u> <u>844</u>	Ship to: DataChem Laboratories 4388 Glendale - Milford Road Cincinnati, Ohio 45242 Phone: 513.733.5336 Fax: 513.733.5347
Relinquished by: (Signature) <u>Chae Kelley</u>	Time / Date <u>3/31/06</u> <u>1419</u>	Received by: (Signature) <u>Nancy [Signature]</u>	Time / Date <u>3/31/06</u> <u>1419</u>	
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				Carrier / Airbill #
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