



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.: 105694041106
PO #: 270043225
Method Reference: TO-15
Sample Set ID#: 06-M-1581
DATACHEM Lab No.: 06-09653
Sample Receipt Date: 4/12/2006
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 #	105694 041106			EQL
DCL #	06-09653	Blank		
Propene	1	ND		1
Dichlorodifluoromethane	ND	ND		1
Freon 114	ND	ND		1
Chloromethane	ND	ND		1
1,3-Butadiene	0.53	ND		0.5*
Vinyl Chloride	ND	ND		1
Bromomethane	ND	ND		1
Chloroethane	ND	ND		1
Trichlorofluoromethane	ND	ND		1
2-Propanol	1 B	1		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 #	105694 041106			EQL
DCL #	06-09653	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	1.8	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	1.4	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	86	91		
% Rec 1,4-Difluorobenzene	89	95		
% Rec Chlorobenzene-d5	93	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

Julie Upcay

Mark Johnson
Analyst

Reviewer



06-M-1581

DataChem Laboratories

Field Chain-of-Custody Record

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

07037

Client Contact Name & Address: <u>HCES</u> <u>250 William Howard Tatt Rd</u> <u>Cincinnati, Oh 45219</u> <u>Seth Cloran</u> Phone: <u>513-946-7742</u> Fax: Billing Address (if different than above): <u>Lanxess</u>					PO Number:					Preservation	Sample Type	Analysis Requested							No. of Containers
					Project No.:														
					Project Name:														
					Sampler: (Signature) <u>Seth Cloran</u>														
Sample Number	Site ID	Date	Time	Lab Sample Number															
<u>10569</u>	<u>4041106</u>			<u>06-09653</u>				<u>X</u>											

Notes:

Relinquished by: (Signature) <u>Seth Cloran</u>	Time / Date <u>4/12/06</u> <u>11:55</u>	Received by: (Signature) <u>[Signature]</u>	Time / Date <u>4/12/06</u> <u>11:55</u>	Ship to: DataChem Laboratories 4388 Glendale - Milford Road Cincinnati, Ohio 45242 Phone: 513.733.5336 Fax: 513.733.5347
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