BRAUN INTERTEC

Braun Intertec Corporation
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Mr. Dean Myers
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114

July 10, 2007

Work Order #: 0703853

RE: Onondaga 05017

Dear Dean Myers:

Braun Intertec Corporation received samples for the project identified above on June 28, 2007. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 101234-0 AIHA: 101103

Providing engineering and environmental solutions since 1957

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) is provided. It is important to understand this term. The MRL is a level that has been empirically verified to provide reliable quantification of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." If a result is less than the MRL, the result is given as less than the MRL (e.g. if the MRL = 10 then a less than would be given as "< 10").

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relevant to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Qualifiers and Abbreviations

qn	The spike recovery is outside of laboratory control limits for the matrix spike (MS) and/or the matrix spike duplicate (MSD).
gp	The relative percent difference (RPD) for the laboratory control sample and laboratory control sample duplicate is outside of laboratory control limits.
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OL-STA-60111	0703853-01	Sediment	06/25/07 09:30	06/28/07 14:27
OL-STA-60112	0703853-02	Sediment	06/25/07 09:40	06/28/07 14:27

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Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	7.7 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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OL-STA-60111

0703853-01 (Sediment)

6/25/07 9:30

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**32**	0.050	% Wt	1	B7G0022	7/2/07	7/2/07	EPA 3545 7.2	

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
1,2-Dichlorobenzene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
1,2-Diphenylhydrazine	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
1,3-Dichlorobenzene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
1,4-Dichlorobenzene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2,4,5-Trichlorophenol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2,4,6-Trichlorophenol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2,4-Dichlorophenol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2,4-Dimethylphenol	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2,4-Dinitrophenol	< 1.0	1.0	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	gp, qn
2,4-Dinitrotoluene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2,6-Dinitrotoluene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2-Chloronaphthalene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2-Chlorophenol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2-Methylnaphthalene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2-Methylphenol	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2-Nitroaniline	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
2-Nitrophenol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
3,3-Dichlorobenzidine	< 1.0	1.0	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
3-/4-Methylphenol	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
3-Nitroaniline	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
4,6-Dinitro-2-methylphenol	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
4-Bromophenyl phenyl ether	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
4-Chloro-3-methylphenol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
4-Chloroaniline	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
4-Chlorophenyl phenyl ether	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
4-Nitroaniline	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
4-Nitrophenol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	go
Acenaphthene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Acenaphthylene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Aniline	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Anthracene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	

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OL-STA-60111

0703853-01 (Sediment)

6/25/07 9:30

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benz(a)anthracene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Benzo(a)pyrene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Benzo(b)fluoranthene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Benzo(g,h,i)perylene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Benzo(k)fluoranthene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Benzyl alcohol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
bis(2-Chloroethoxy)methane	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Bis(2-Chloroethyl)ether	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 1.0	1.0	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Butyl benzyl phthalate	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Carbazole	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Chrysene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Dibenz(a,h)anthracene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Dibenzofuran	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Diethylphthalate	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Dimethyl phthalate	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Di-n-butyl phthalate	< 1.0	1.0	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Di-n-octyl phthalate	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Fluoranthene	< 1.0	1.0	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Fluorene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Hexachlorobenzene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Hexachlorobutadiene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Hexachlorocyclopentadiene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Hexachloroethane	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Indeno(1,2,3-cd)pyrene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Isophorone	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Naphthalene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Nitrobenzene	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
N-Nitrosodimethylamine	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
N-Nitrosodi-n-propylamine	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
N-Nitrosodiphenylamine	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Pentachlorophenol	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Phenanthrene	< 0.54	0.54	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Phenol	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Pyrene	**0.39**	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	

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OL-STA-60111

0703853-01 (Sediment)

6/25/07 9:30

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pyridine	< 0.21	0.21	mg/kg dry	1	B7G0044	7/3/07	7/9/07	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*96.0 %*	*Limits: 30-150%*			*B7G0044*	*7/3/07*	*7/9/07*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*89.4 %*	*Limits: 30-104%*			*B7G0044*	*7/3/07*	*7/9/07*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*81.7 %*	*Limits: 30-106%*			*B7G0044*	*7/3/07*	*7/9/07*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*80.6 %*	*Limits: 30-90%*			*B7G0044*	*7/3/07*	*7/9/07*	*EPA 8270C*	
Surrogate: Phenol-d6	*82.5 %*	*Limits: 30-102%*			*B7G0044*	*7/3/07*	*7/9/07*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*75.3 %*	*Limits: 30-115%*			*B7G0044*	*7/3/07*	*7/9/07*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,1,1-Trichloroethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,1,2-Trichloroethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,1-Dichloroethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,1-Dichloroethene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,1-Dichloropropene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2,3-Trichlorobenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2,3-Trichloropropane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2,4-Trichlorobenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2,4-Trimethylbenzene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2-Dibromo-3-chloropropane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2-Dibromoethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2-Dichlorobenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2-Dichloroethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,2-Dichloropropane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,3,5-Trimethylbenzene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,3-Dichlorobenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,3-Dichloropropane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
1,4-Dichlorobenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
2,2-Dichloropropane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
2-Butanone (MEK)	< 1.6	1.6	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
2-Chlorotoluene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
4-Chlorotoluene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
4-Isopropyltoluene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	

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OL-STA-60111

0703853-01 (Sediment)

6/25/07 9:30

Volatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	< 3.2	3.2	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Allyl Chloride	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Benzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Bromobenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Bromochloromethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Bromodichloromethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Bromoform	< 1.6	1.6	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Bromomethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Carbon Tetrachloride	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Chlorobenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Chlorodibromomethane	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Chloroethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Chloroform	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Chloromethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
cis-1,2-Dichloroethene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
cis-1,3-Dichloropropene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Dibromomethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Dichlorodifluoromethane	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Dichlorofluoromethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Ethyl Ether	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Ethylbenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Hexachlorobutadiene	< 0.32	0.32	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Isopropylbenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
m,p-Xylenes	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Methyl Isobutyl Ketone	< 1.6	1.6	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Methylene chloride	< 0.79	0.79	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Methyl-t-butyl ether	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Naphthalene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
n-Butylbenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
n-Propylbenzene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
o-Xylene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
sec-Butylbenzene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Styrene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
tert-Butylbenzene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Tetrachloroethene	< 0.32	0.32	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Tetrahydrofuran	< 0.79	0.79	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

OL-STA-60111

0703853-01 (Sediment)

6/25/07 9:30

Volatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Toluene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
trans-1,2-Dichloroethene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
trans-1,3-Dichloropropene	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Trichloroethene	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Trichlorofluoromethane	< 0.16	0.16	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Vinyl chloride	< 0.40	0.40	mg/kg dry	1	B7G0048	7/2/07	7/3/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*Limits: 80-120%*			*B7G0048*	*7/2/07*	*7/3/07*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*91.2 %*	*Limits: 80-120%*			*B7G0048*	*7/2/07*	*7/3/07*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*96.4 %*	*Limits: 80-120%*			*B7G0048*	*7/2/07*	*7/3/07*	*EPA 8260B*	
Surrogate: Toluene-d8	*98.8 %*	*Limits: 80-120%*			*B7G0048*	*7/2/07*	*7/3/07*	*EPA 8260B*	

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St. Paul, MN 55114	PO Number:	Account ID: S15039

OL-STA-60112

0703853-02 (Sediment)

6/25/07 9:40

Classical Chemistry Parameters

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**60**	0.050	% Wt	1	B7G0022	7/2/07	7/2/07	EPA 3545 7.2	

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
1,2-Dichlorobenzene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
1,2-Diphenylhydrazine	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
1,3-Dichlorobenzene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
1,4-Dichlorobenzene	**0.22**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2,4,5-Trichlorophenol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2,4,6-Trichlorophenol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2,4-Dichlorophenol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2,4-Dimethylphenol	< 0.30	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2,4-Dinitrophenol	< 0.58	0.58	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	gp, qn
2,4-Dinitrotoluene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2,6-Dinitrotoluene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2-Chloronaphthalene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2-Chlorophenol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2-Methylnaphthalene	**0.34**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2-Methylphenol	< 0.30	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2-Nitroaniline	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
2-Nitrophenol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
3,3-Dichlorobenzidine	< 0.58	0.58	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
3-/4-Methylphenol	< 0.30	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
3-Nitroaniline	< 0.30	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
4,6-Dinitro-2-methylphenol	< 0.30	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
4-Bromophenyl phenyl ether	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
4-Chloro-3-methylphenol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
4-Chloroaniline	< 0.30	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
4-Chlorophenyl phenyl ether	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
4-Nitroaniline	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
4-Nitrophenol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	go
Acenaphthene	**0.23**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Acenaphthylene	**0.38**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Aniline	< 0.30	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Anthracene	**0.64**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

OL-STA-60112

0703853-02 (Sediment)

6/25/07 9:40

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benz(a)anthracene	**1.5**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Benzo(a)pyrene	**1.8**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Benzo(b)fluoranthene	**1.3**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Benzo(g,h,i)perylene	**0.29**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Benzo(k)fluoranthene	**1.3**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Benzyl alcohol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
bis(2-Chloroethoxy)methane	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Bis(2-Chloroethyl)ether	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Bis(2-chloroisopropyl)ether	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	< 0.58	0.58	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Butyl benzyl phthalate	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Carbazole	**0.14**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Chrysene	**1.8**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Dibenz(a,h)anthracene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Dibenzofuran	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Diethylphthalate	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Dimethyl phthalate	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Di-n-butyl phthalate	< 0.58	0.58	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Di-n-octyl phthalate	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Fluoranthene	**3.0**	0.58	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Fluorene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Hexachlorobenzene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Hexachlorobutadiene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Hexachlorocyclopentadiene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Hexachloroethane	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**0.38**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Isophorone	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Naphthalene	**0.49**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Nitrobenzene	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
N-Nitrosodimethylamine	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
N-Nitrosodi-n-propylamine	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
N-Nitrosodiphenylamine	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Pentachlorophenol	< 0.30	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Phenanthrene	**1.7**	0.30	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Phenol	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	

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675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

OL-STA-60112

0703853-02 (Sediment)

6/25/07 9:40

Semivolatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pyrene	**2.6**	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Pyridine	< 0.12	0.12	mg/kg dry	1	B7G0044	7/3/07	7/6/07	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*88.0 %*	*Limits: 30-150%*			*B7G0044*	*7/3/07*	*7/6/07*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*82.8 %*	*Limits: 30-104%*			*B7G0044*	*7/3/07*	*7/6/07*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*68.0 %*	*Limits: 30-106%*			*B7G0044*	*7/3/07*	*7/6/07*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*69.7 %*	*Limits: 30-90%*			*B7G0044*	*7/3/07*	*7/6/07*	*EPA 8270C*	
Surrogate: Phenol-d6	*70.8 %*	*Limits: 30-102%*			*B7G0044*	*7/3/07*	*7/6/07*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*80.7 %*	*Limits: 30-115%*			*B7G0044*	*7/3/07*	*7/6/07*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,1,1-Trichloroethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,1,2-Trichloroethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,1-Dichloroethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,1-Dichloroethene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,1-Dichloropropene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2,3-Trichlorobenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2,3-Trichloropropane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2,4-Trichlorobenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2,4-Trimethylbenzene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2-Dibromo-3-chloropropane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2-Dibromoethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2-Dichlorobenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2-Dichloroethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,2-Dichloropropane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,3,5-Trimethylbenzene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,3-Dichlorobenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,3-Dichloropropane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
1,4-Dichlorobenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
2,2-Dichloropropane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
2-Butanone (MEK)	< 0.84	0.84	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
2-Chlorotoluene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
4-Chlorotoluene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

OL-STA-60112

0703853-02 (Sediment)

6/25/07 9:40

Volatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
4-Isopropyltoluene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Acetone	< 1.7	1.7	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Allyl Chloride	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Benzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Bromobenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Bromochloromethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Bromodichloromethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Bromoform	< 0.84	0.84	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Bromomethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Carbon Tetrachloride	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Chlorobenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Chlorodibromomethane	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Chloroethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Chloroform	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Chloromethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
cis-1,2-Dichloroethene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
cis-1,3-Dichloropropene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Dibromomethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Dichlorodifluoromethane	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Dichlorofluoromethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Ethyl Ether	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Ethylbenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Hexachlorobutadiene	< 0.17	0.17	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Isopropylbenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
m,p-Xylenes	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Methyl Isobutyl Ketone	< 0.84	0.84	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Methylene chloride	< 0.42	0.42	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Methyl-t-butyl ether	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Naphthalene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
n-Butylbenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
n-Propylbenzene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
o-Xylene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
sec-Butylbenzene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Styrene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
tert-Butylbenzene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Tetrachloroethene	< 0.17	0.17	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	

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675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

OL-STA-60112

0703853-02 (Sediment)

6/25/07 9:40

Volatile Organic Compounds

Analyte	Result	MRL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Tetrahydrofuran	< 0.42	0.42	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Toluene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
trans-1,2-Dichloroethene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
trans-1,3-Dichloropropene	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Trichloroethene	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Trichlorofluoromethane	< 0.084	0.084	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Vinyl chloride	< 0.21	0.21	mg/kg dry	1	B7G0048	7/2/07	7/5/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*99.2 %*	*Limits: 80-120%*			*B7G0048*	*7/2/07*	*7/5/07*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*95.6 %*	*Limits: 80-120%*			*B7G0048*	*7/2/07*	*7/5/07*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*95.2 %*	*Limits: 80-120%*			*B7G0048*	*7/2/07*	*7/5/07*	*EPA 8260B*	
Surrogate: Toluene-d8	*99.2 %*	*Limits: 80-120%*			*B7G0048*	*7/2/07*	*7/5/07*	*EPA 8260B*	

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Classical Chemistry Parameters - Quality Control

Batch B7G0022 - % Solids

Method Blank (B7G0022-BLK1) Prepared & Analyzed: 07/02/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	< 0.050	0.050	% Wt	NA	NA	NA	NA	NA	NA	

Duplicate (B7G0022-DUP1) **Source: 0703759-49** Prepared & Analyzed: 07/02/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	85.2	0.050	% Wt	NA	85	NA	NA	0.235	20	

Standard Reference Material (B7G0022-SRM1) Prepared & Analyzed: 07/02/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	87.3		% Wt	88.8	NA	98.3	90-110	NA	NA	

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St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Method Blank (B7G0044-BLK1) Prepared: 07/03/07 Analyzed: 07/09/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	< 0.32	0.32	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	< 0.32	0.32	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	

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675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Method Blank (B7G0044-BLK1) Prepared: 07/03/07 Analyzed: 07/09/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	< 0.32	0.32	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	< 0.32	0.32	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	< 0.32	0.32	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	< 0.17	0.17	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	< 0.065	0.065	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.38*		mg/kg	*1.62*	*NA*	*85.2*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.745*		mg/kg	*0.810*	*NA*	*92.0*	*30-104*			
Surrogate: 2-Fluorophenol	*1.28*		mg/kg	*1.62*	*NA*	*79.0*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.672*		mg/kg	*0.810*	*NA*	*83.0*	*30-90*			
Surrogate: Phenol-d6	*1.23*		mg/kg	*1.62*	*NA*	*75.9*	*30-102*			
Surrogate: Terphenyl-d14	*0.741*		mg/kg	*0.810*	*NA*	*91.5*	*30-115*			

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St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Laboratory Control Sample (B7G0044-BS1) Prepared: 07/03/07 Analyzed: 07/06/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.30	0.065	mg/kg	1.63	NA	79.8	30-120	NA	NA	
1,2-Dichlorobenzene	1.32	0.065	mg/kg	1.63	NA	81.0	30-130	NA	NA	
1,2-Diphenylhydrazine	1.42	0.065	mg/kg	1.63	NA	87.1	30-130	NA	NA	
1,3-Dichlorobenzene	1.26	0.065	mg/kg	1.63	NA	77.3	30-130	NA	NA	
1,4-Dichlorobenzene	1.32	0.065	mg/kg	1.63	NA	81.0	40-110	NA	NA	
2,4,5-Trichlorophenol	1.43	0.065	mg/kg	1.63	NA	87.7	30-130	NA	NA	
2,4,6-Trichlorophenol	1.37	0.065	mg/kg	1.63	NA	84.0	30-130	NA	NA	
2,4-Dichlorophenol	1.32	0.065	mg/kg	1.63	NA	81.0	30-130	NA	NA	
2,4-Dimethylphenol	1.53	0.17	mg/kg	1.63	NA	93.9	30-130	NA	NA	
2,4-Dinitrophenol	0.643	0.32	mg/kg	1.63	NA	39.4	30-130	NA	NA	
2,4-Dinitrotoluene	1.44	0.065	mg/kg	1.63	NA	88.3	60-120	NA	NA	
2,6-Dinitrotoluene	1.42	0.065	mg/kg	1.63	NA	87.1	30-130	NA	NA	
2-Chloronaphthalene	1.36	0.065	mg/kg	1.63	NA	83.4	30-130	NA	NA	
2-Chlorophenol	1.30	0.065	mg/kg	1.63	NA	79.8	40-100	NA	NA	
2-Methylnaphthalene	1.39	0.065	mg/kg	1.63	NA	85.3	30-130	NA	NA	
2-Methylphenol	1.40	0.17	mg/kg	1.63	NA	85.9	30-130	NA	NA	
2-Nitroaniline	1.36	0.065	mg/kg	1.63	NA	83.4	30-130	NA	NA	
2-Nitrophenol	1.30	0.065	mg/kg	1.63	NA	79.8	30-130	NA	NA	
3,3-Dichlorobenzidine	1.46	0.32	mg/kg	1.63	NA	89.6	30-130	NA	NA	
3-/4-Methylphenol	1.32	0.17	mg/kg	1.63	NA	81.0	30-130	NA	NA	
3-Nitroaniline	1.32	0.17	mg/kg	1.63	NA	81.0	30-130	NA	NA	
4,6-Dinitro-2-methylphenol	1.44	0.17	mg/kg	1.63	NA	88.3	30-130	NA	NA	
4-Bromophenyl phenyl ether	1.52	0.065	mg/kg	1.63	NA	93.3	30-130	NA	NA	
4-Chloro-3-methylphenol	1.35	0.065	mg/kg	1.63	NA	82.8	50-110	NA	NA	
4-Chloroaniline	1.27	0.17	mg/kg	1.63	NA	77.9	30-130	NA	NA	
4-Chlorophenyl phenyl ether	1.41	0.065	mg/kg	1.63	NA	86.5	30-130	NA	NA	
4-Nitroaniline	1.34	0.065	mg/kg	1.63	NA	82.2	30-130	NA	NA	
4-Nitrophenol	1.39	0.065	mg/kg	1.63	NA	85.3	30-80	NA	NA	
Acenaphthene	1.34	0.065	mg/kg	1.63	NA	82.2	50-110	NA	NA	
Acenaphthylene	1.23	0.065	mg/kg	1.63	NA	75.5	30-130	NA	NA	
Aniline	1.43	0.17	mg/kg	1.63	NA	87.7	30-130	NA	NA	
Anthracene	1.44	0.065	mg/kg	1.63	NA	88.3	30-130	NA	NA	
Benz(a)anthracene	1.22	0.065	mg/kg	1.63	NA	74.8	30-130	NA	NA	
Benzo(a)pyrene	1.46	0.065	mg/kg	1.63	NA	89.6	30-130	NA	NA	
Benzo(b)fluoranthene	1.38	0.065	mg/kg	1.63	NA	84.7	30-130	NA	NA	
Benzo(g,h,i)perylene	1.71	0.065	mg/kg	1.63	NA	105	30-130	NA	NA	
Benzo(k)fluoranthene	1.48	0.065	mg/kg	1.63	NA	90.8	30-130	NA	NA	
Benzyl alcohol	1.30	0.065	mg/kg	1.63	NA	79.8	30-130	NA	NA	
bis(2-Chloroethoxy)methane	1.29	0.065	mg/kg	1.63	NA	79.1	30-130	NA	NA	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Laboratory Control Sample (B7G0044-BS1) Prepared: 07/03/07 Analyzed: 07/06/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	1.30	0.065	mg/kg	1.63	NA	79.8	30-130	NA	NA	
Bis(2-chloroisopropyl)ether	1.21	0.065	mg/kg	1.63	NA	74.2	30-130	NA	NA	
Bis(2-Ethylhexyl)phthalate	1.35	0.32	mg/kg	1.63	NA	82.8	30-130	NA	NA	
Butyl benzyl phthalate	1.30	0.065	mg/kg	1.63	NA	79.8	30-130	NA	NA	
Carbazole	1.39	0.065	mg/kg	1.63	NA	85.3	30-130	NA	NA	
Chrysene	1.42	0.065	mg/kg	1.63	NA	87.1	30-130	NA	NA	
Dibenz(a,h)anthracene	1.62	0.065	mg/kg	1.63	NA	99.4	30-130	NA	NA	
Dibenzofuran	1.37	0.065	mg/kg	1.63	NA	84.0	30-130	NA	NA	
Diethylphthalate	1.39	0.065	mg/kg	1.63	NA	85.3	30-130	NA	NA	
Dimethyl phthalate	1.35	0.065	mg/kg	1.63	NA	82.8	30-130	NA	NA	
Di-n-butyl phthalate	1.63	0.32	mg/kg	1.63	NA	100	30-130	NA	NA	
Di-n-octyl phthalate	1.39	0.065	mg/kg	1.63	NA	85.3	30-130	NA	NA	
Fluoranthene	1.61	0.32	mg/kg	1.63	NA	98.8	30-130	NA	NA	
Fluorene	1.39	0.065	mg/kg	1.63	NA	85.3	30-130	NA	NA	
Hexachlorobenzene	1.48	0.065	mg/kg	1.63	NA	90.8	30-130	NA	NA	
Hexachlorobutadiene	1.37	0.065	mg/kg	1.63	NA	84.0	30-130	NA	NA	
Hexachlorocyclopentadiene	1.59	0.065	mg/kg	1.63	NA	97.5	30-130	NA	NA	
Hexachloroethane	1.28	0.065	mg/kg	1.63	NA	78.5	30-130	NA	NA	
Indeno(1,2,3-cd)pyrene	1.53	0.065	mg/kg	1.63	NA	93.9	30-130	NA	NA	
Isophorone	1.40	0.065	mg/kg	1.63	NA	85.9	30-130	NA	NA	
Naphthalene	1.30	0.065	mg/kg	1.63	NA	79.8	30-130	NA	NA	
Nitrobenzene	1.30	0.065	mg/kg	1.63	NA	79.8	30-130	NA	NA	
N-Nitrosodimethylamine	1.19	0.065	mg/kg	1.63	NA	73.0	30-130	NA	NA	
N-Nitrosodi-n-propylamine	1.44	0.065	mg/kg	1.63	NA	88.3	45-120	NA	NA	
N-Nitrosodiphenylamine	1.62	0.065	mg/kg	1.63	NA	99.4	30-130	NA	NA	
Pentachlorophenol	1.44	0.17	mg/kg	1.63	NA	88.3	45-115	NA	NA	
Phenanthrene	1.58	0.17	mg/kg	1.63	NA	96.9	30-130	NA	NA	
Phenol	1.30	0.065	mg/kg	1.63	NA	79.8	30-80	NA	NA	
Pyrene	1.53	0.065	mg/kg	1.63	NA	93.9	55-120	NA	NA	
Pyridine	1.09	0.065	mg/kg	1.63	NA	66.9	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.46*		mg/kg	*1.63*	*NA*	*89.6*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.729*		mg/kg	*0.814*	*NA*	*89.6*	*30-104*			
Surrogate: 2-Fluorophenol	*1.31*		mg/kg	*1.63*	*NA*	*80.4*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.641*		mg/kg	*0.814*	*NA*	*78.7*	*30-90*			
Surrogate: Phenol-d6	*1.26*		mg/kg	*1.63*	*NA*	*77.3*	*30-102*			
Surrogate: Terphenyl-d14	*0.693*		mg/kg	*0.814*	*NA*	*85.1*	*30-115*			

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Laboratory Control Sample Duplicate (B7G0044-BSD1) Prepared: 07/03/07 Analyzed: 07/06/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.28	0.065	mg/kg	1.62	NA	79.0	30-120	1.55	20	
1,2-Dichlorobenzene	1.23	0.065	mg/kg	1.62	NA	75.9	30-130	7.06	20	
1,2-Diphenylhydrazine	1.46	0.065	mg/kg	1.62	NA	90.1	30-130	2.78	20	
1,3-Dichlorobenzene	1.20	0.065	mg/kg	1.62	NA	74.1	30-130	4.88	20	
1,4-Dichlorobenzene	1.23	0.065	mg/kg	1.62	NA	75.9	40-110	7.06	20	
2,4,5-Trichlorophenol	1.49	0.065	mg/kg	1.62	NA	92.0	30-130	4.11	20	
2,4,6-Trichlorophenol	1.39	0.065	mg/kg	1.62	NA	85.8	30-130	1.45	20	
2,4-Dichlorophenol	1.39	0.065	mg/kg	1.62	NA	85.8	30-130	5.17	20	
2,4-Dimethylphenol	1.60	0.17	mg/kg	1.62	NA	98.8	30-130	4.47	20	
2,4-Dinitrophenol	1.03	0.32	mg/kg	1.62	NA	63.6	30-130	46.3	20	
2,4-Dinitrotoluene	1.49	0.065	mg/kg	1.62	NA	92.0	60-120	3.41	20	
2,6-Dinitrotoluene	1.51	0.065	mg/kg	1.62	NA	93.2	30-130	6.14	20	
2-Chloronaphthalene	1.42	0.065	mg/kg	1.62	NA	87.7	30-130	4.32	20	
2-Chlorophenol	1.23	0.065	mg/kg	1.62	NA	75.9	40-100	5.53	20	
2-Methylnaphthalene	1.40	0.065	mg/kg	1.62	NA	86.4	30-130	0.717	20	
2-Methylphenol	1.34	0.17	mg/kg	1.62	NA	82.7	30-130	4.38	20	
2-Nitroaniline	1.40	0.065	mg/kg	1.62	NA	86.4	30-130	2.90	20	
2-Nitrophenol	1.31	0.065	mg/kg	1.62	NA	80.9	30-130	0.766	20	
3,3-Dichlorobenzidine	1.58	0.32	mg/kg	1.62	NA	97.5	30-130	7.89	20	
3-/4-Methylphenol	1.30	0.17	mg/kg	1.62	NA	80.2	30-130	1.53	20	
3-Nitroaniline	1.39	0.17	mg/kg	1.62	NA	85.8	30-130	5.17	20	
4,6-Dinitro-2-methylphenol	1.60	0.17	mg/kg	1.62	NA	98.8	30-130	10.5	20	
4-Bromophenyl phenyl ether	1.55	0.065	mg/kg	1.62	NA	95.7	30-130	1.95	20	
4-Chloro-3-methylphenol	1.40	0.065	mg/kg	1.62	NA	86.4	50-110	3.64	20	
4-Chloroaniline	1.31	0.17	mg/kg	1.62	NA	80.9	30-130	3.10	20	
4-Chlorophenyl phenyl ether	1.45	0.065	mg/kg	1.62	NA	89.5	30-130	2.80	20	
4-Nitroaniline	1.49	0.065	mg/kg	1.62	NA	92.0	30-130	10.6	20	
4-Nitrophenol	1.52	0.065	mg/kg	1.62	NA	93.8	30-80	8.93	20	
Acenaphthene	1.39	0.065	mg/kg	1.62	NA	85.8	50-110	3.66	20	
Acenaphthylene	1.26	0.065	mg/kg	1.62	NA	77.8	30-130	2.41	20	
Aniline	1.35	0.17	mg/kg	1.62	NA	83.3	30-130	5.76	30	
Anthracene	1.53	0.065	mg/kg	1.62	NA	94.4	30-130	6.06	20	
Benz(a)anthracene	1.33	0.065	mg/kg	1.62	NA	82.1	30-130	8.63	20	
Benzo(a)pyrene	1.52	0.065	mg/kg	1.62	NA	93.8	30-130	4.03	20	
Benzo(b)fluoranthene	1.43	0.065	mg/kg	1.62	NA	88.3	30-130	3.56	20	
Benzo(g,h,i)perylene	1.80	0.065	mg/kg	1.62	NA	111	30-130	5.13	20	
Benzo(k)fluoranthene	1.54	0.065	mg/kg	1.62	NA	95.1	30-130	3.97	20	
Benzyl alcohol	1.28	0.065	mg/kg	1.62	NA	79.0	30-130	1.55	20	
bis(2-Chloroethoxy)methane	1.33	0.065	mg/kg	1.62	NA	82.1	30-130	3.05	20	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Laboratory Control Sample Duplicate (B7G0044-BSD1) Prepared: 07/03/07 Analyzed: 07/06/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	1.21	0.065	mg/kg	1.62	NA	74.7	30-130	7.17	30	
Bis(2-chloroisopropyl)ether	1.12	0.065	mg/kg	1.62	NA	69.1	30-130	7.73	20	
Bis(2-Ethylhexyl)phthalate	1.45	0.32	mg/kg	1.62	NA	89.5	30-130	7.14	20	
Butyl benzyl phthalate	1.41	0.065	mg/kg	1.62	NA	87.0	30-130	8.12	20	
Carbazole	1.48	0.065	mg/kg	1.62	NA	91.4	30-130	6.27	20	
Chrysene	1.51	0.065	mg/kg	1.62	NA	93.2	30-130	6.14	20	
Dibenz(a,h)anthracene	1.71	0.065	mg/kg	1.62	NA	106	30-130	5.41	20	
Dibenzofuran	1.44	0.065	mg/kg	1.62	NA	88.9	30-130	4.98	20	
Diethylphthalate	1.49	0.065	mg/kg	1.62	NA	92.0	30-130	6.94	20	
Dimethyl phthalate	1.44	0.065	mg/kg	1.62	NA	88.9	30-130	6.45	20	
Di-n-butyl phthalate	1.81	0.32	mg/kg	1.62	NA	112	30-130	10.5	20	
Di-n-octyl phthalate	1.45	0.065	mg/kg	1.62	NA	89.5	30-130	4.23	20	
Fluoranthene	1.67	0.32	mg/kg	1.62	NA	103	30-130	3.66	20	
Fluorene	1.47	0.065	mg/kg	1.62	NA	90.7	30-130	5.59	20	
Hexachlorobenzene	1.56	0.065	mg/kg	1.62	NA	96.3	30-130	5.26	20	
Hexachlorobutadiene	1.37	0.065	mg/kg	1.62	NA	84.6	30-130	0.00	20	
Hexachlorocyclopentadiene	1.60	0.065	mg/kg	1.62	NA	98.8	30-130	0.627	20	
Hexachloroethane	1.19	0.065	mg/kg	1.62	NA	73.5	30-130	7.29	20	
Indeno(1,2,3-cd)pyrene	1.64	0.065	mg/kg	1.62	NA	101	30-130	6.94	20	
Isophorone	1.47	0.065	mg/kg	1.62	NA	90.7	30-130	4.88	20	
Naphthalene	1.30	0.065	mg/kg	1.62	NA	80.2	30-130	0.00	20	
Nitrobenzene	1.32	0.065	mg/kg	1.62	NA	81.5	30-130	1.53	20	
N-Nitrosodimethylamine	1.11	0.065	mg/kg	1.62	NA	68.5	30-130	6.96	30	
N-Nitrosodi-n-propylamine	1.41	0.065	mg/kg	1.62	NA	87.0	45-120	2.11	20	
N-Nitrosodiphenylamine	1.71	0.065	mg/kg	1.62	NA	106	30-130	5.41	20	
Pentachlorophenol	1.59	0.17	mg/kg	1.62	NA	98.1	45-115	9.90	20	
Phenanthrene	1.65	0.17	mg/kg	1.62	NA	102	30-130	4.33	20	
Phenol	1.21	0.065	mg/kg	1.62	NA	74.7	30-80	7.17	20	
Pyrene	1.66	0.065	mg/kg	1.62	NA	102	55-120	8.15	20	
Pyridine	1.07	0.065	mg/kg	1.62	NA	66.0	30-130	1.85	30	
Surrogate: 2,4,6-Tribromophenol	*1.46*		mg/kg	*1.62*	*NA*	*90.1*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.771*		mg/kg	*0.810*	*NA*	*95.2*	*30-104*			
Surrogate: 2-Fluorophenol	*1.24*		mg/kg	*1.62*	*NA*	*76.5*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.661*		mg/kg	*0.810*	*NA*	*81.6*	*30-90*			
Surrogate: Phenol-d6	*1.19*		mg/kg	*1.62*	*NA*	*73.5*	*30-102*			
Surrogate: Terphenyl-d14	*0.753*		mg/kg	*0.810*	*NA*	*93.0*	*30-115*			

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Matrix Spike (B7G0044-MS1) **Source: 0703812-02** Prepared: 07/03/07 Analyzed: 07/06/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.44	0.072	mg/kg dry	1.77	ND	81.4	30-130	NA	NA	
1,2-Dichlorobenzene	1.46	0.072	mg/kg dry	1.77	ND	82.5	30-130	NA	NA	
1,2-Diphenylhydrazine	1.65	0.072	mg/kg dry	1.77	ND	93.2	30-130	NA	NA	
1,3-Dichlorobenzene	1.39	0.072	mg/kg dry	1.77	ND	78.5	30-130	NA	NA	
1,4-Dichlorobenzene	1.41	0.072	mg/kg dry	1.77	ND	79.7	30-130	NA	NA	
2,4,5-Trichlorophenol	1.59	0.072	mg/kg dry	1.77	ND	89.8	30-130	NA	NA	
2,4,6-Trichlorophenol	1.48	0.072	mg/kg dry	1.77	ND	83.6	30-130	NA	NA	
2,4-Dichlorophenol	1.49	0.072	mg/kg dry	1.77	ND	84.2	30-130	NA	NA	
2,4-Dimethylphenol	1.77	0.18	mg/kg dry	1.77	ND	100	30-130	NA	NA	
2,4-Dinitrophenol	< 0.36	0.36	mg/kg dry	1.77	ND	17.6	30-130	NA	NA	
2,4-Dinitrotoluene	1.62	0.072	mg/kg dry	1.77	ND	91.5	30-130	NA	NA	
2,6-Dinitrotoluene	1.61	0.072	mg/kg dry	1.77	ND	91.0	30-130	NA	NA	
2-Chloronaphthalene	1.51	0.072	mg/kg dry	1.77	ND	85.3	30-130	NA	NA	
2-Chlorophenol	1.44	0.072	mg/kg dry	1.77	ND	81.4	30-130	NA	NA	
2-Methylnaphthalene	1.59	0.072	mg/kg dry	1.77	ND	89.8	30-130	NA	NA	
2-Methylphenol	1.55	0.18	mg/kg dry	1.77	ND	87.6	30-130	NA	NA	
2-Nitroaniline	1.54	0.072	mg/kg dry	1.77	ND	87.0	30-130	NA	NA	
2-Nitrophenol	1.45	0.072	mg/kg dry	1.77	ND	81.9	30-130	NA	NA	
3,3-Dichlorobenzidine	1.70	0.36	mg/kg dry	1.77	ND	96.0	30-130	NA	NA	
3-/4-Methylphenol	1.48	0.18	mg/kg dry	1.77	ND	83.6	30-130	NA	NA	
3-Nitroaniline	1.53	0.18	mg/kg dry	1.77	ND	86.4	30-130	NA	NA	
4,6-Dinitro-2-methylphenol	1.03	0.18	mg/kg dry	1.77	ND	58.2	30-130	NA	NA	
4-Bromophenyl phenyl ether	1.72	0.072	mg/kg dry	1.77	ND	97.2	30-130	NA	NA	
4-Chloro-3-methylphenol	1.60	0.072	mg/kg dry	1.77	ND	90.4	30-130	NA	NA	
4-Chloroaniline	1.41	0.18	mg/kg dry	1.77	ND	79.7	30-130	NA	NA	
4-Chlorophenyl phenyl ether	1.58	0.072	mg/kg dry	1.77	ND	89.3	30-130	NA	NA	
4-Nitroaniline	1.51	0.072	mg/kg dry	1.77	ND	85.3	30-130	NA	NA	
4-Nitrophenol	1.69	0.072	mg/kg dry	1.77	ND	95.5	30-130	NA	NA	
Acenaphthene	1.50	0.072	mg/kg dry	1.77	ND	84.7	30-130	NA	NA	
Acenaphthylene	1.34	0.072	mg/kg dry	1.77	ND	75.7	30-130	NA	NA	
Aniline	1.39	0.18	mg/kg dry	1.77	ND	78.5	30-130	NA	NA	
Anthracene	1.68	0.072	mg/kg dry	1.77	ND	94.9	30-130	NA	NA	
Benz(a)anthracene	1.48	0.072	mg/kg dry	1.77	ND	83.6	30-130	NA	NA	
Benzo(a)pyrene	1.71	0.072	mg/kg dry	1.77	ND	96.6	30-130	NA	NA	
Benzo(b)fluoranthene	1.61	0.072	mg/kg dry	1.77	ND	91.0	30-130	NA	NA	
Benzo(g,h,i)perylene	2.17	0.072	mg/kg dry	1.77	ND	123	30-130	NA	NA	
Benzo(k)fluoranthene	1.68	0.072	mg/kg dry	1.77	ND	94.9	30-130	NA	NA	
Benzyl alcohol	1.42	0.072	mg/kg dry	1.77	0.029	78.6	30-130	NA	NA	
bis(2-Chloroethoxy)methane	1.39	0.072	mg/kg dry	1.77	ND	78.5	30-130	NA	NA	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Matrix Spike (B7G0044-MS1) **Source: 0703812-02** Prepared: 07/03/07 Analyzed: 07/06/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	1.46	0.072	mg/kg dry	1.77	ND	82.5	30-130	NA	NA	
Bis(2-chloroisopropyl)ether	1.29	0.072	mg/kg dry	1.77	ND	72.9	30-130	NA	NA	
Bis(2-Ethylhexyl)phthalate	1.62	0.36	mg/kg dry	1.77	ND	91.5	30-130	NA	NA	
Butyl benzyl phthalate	1.59	0.072	mg/kg dry	1.77	ND	89.8	30-130	NA	NA	
Carbazole	1.66	0.072	mg/kg dry	1.77	ND	93.8	30-130	NA	NA	
Chrysene	1.68	0.072	mg/kg dry	1.77	ND	94.9	30-130	NA	NA	
Dibenz(a,h)anthracene	2.02	0.072	mg/kg dry	1.77	ND	114	30-130	NA	NA	
Dibenzofuran	1.53	0.072	mg/kg dry	1.77	ND	86.4	30-130	NA	NA	
Diethylphthalate	1.66	0.072	mg/kg dry	1.77	ND	93.8	30-130	NA	NA	
Dimethyl phthalate	1.54	0.072	mg/kg dry	1.77	ND	87.0	30-130	NA	NA	
Di-n-butyl phthalate	1.94	0.36	mg/kg dry	1.77	0.024	108	30-130	NA	NA	
Di-n-octyl phthalate	1.61	0.072	mg/kg dry	1.77	ND	91.0	30-130	NA	NA	
Fluoranthene	1.93	0.36	mg/kg dry	1.77	0.022	108	30-130	NA	NA	
Fluorene	1.57	0.072	mg/kg dry	1.77	ND	88.7	30-130	NA	NA	
Hexachlorobenzene	1.75	0.072	mg/kg dry	1.77	ND	98.9	30-130	NA	NA	
Hexachlorobutadiene	1.56	0.072	mg/kg dry	1.77	ND	88.1	30-130	NA	NA	
Hexachlorocyclopentadiene	1.01	0.072	mg/kg dry	1.77	ND	57.1	30-130	NA	NA	
Hexachloroethane	1.33	0.072	mg/kg dry	1.77	ND	75.1	30-130	NA	NA	
Indeno(1,2,3-cd)pyrene	1.96	0.072	mg/kg dry	1.77	ND	111	30-130	NA	NA	
Isophorone	1.59	0.072	mg/kg dry	1.77	ND	89.8	30-130	NA	NA	
Naphthalene	1.44	0.072	mg/kg dry	1.77	ND	81.4	30-130	NA	NA	
Nitrobenzene	1.45	0.072	mg/kg dry	1.77	ND	81.9	30-130	NA	NA	
N-Nitrosodimethylamine	1.21	0.072	mg/kg dry	1.77	ND	68.4	30-130	NA	NA	
N-Nitrosodi-n-propylamine	1.54	0.072	mg/kg dry	1.77	ND	87.0	30-130	NA	NA	
N-Nitrosodiphenylamine	1.92	0.072	mg/kg dry	1.77	ND	108	30-130	NA	NA	
Pentachlorophenol	1.65	0.18	mg/kg dry	1.77	ND	93.2	30-130	NA	NA	
Phenanthrene	1.87	0.18	mg/kg dry	1.77	0.015	105	30-130	NA	NA	
Phenol	1.40	0.072	mg/kg dry	1.77	ND	79.1	30-130	NA	NA	
Pyrene	1.82	0.072	mg/kg dry	1.77	0.018	102	30-130	NA	NA	
Pyridine	0.933	0.072	mg/kg dry	1.77	ND	52.7	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.57*		mg/kg dry	*1.77*	*NA*	*88.7*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.824*		mg/kg dry	*0.886*	*NA*	*93.0*	*30-104*			
Surrogate: 2-Fluorophenol	*1.43*		mg/kg dry	*1.77*	*NA*	*80.8*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.700*		mg/kg dry	*0.886*	*NA*	*79.0*	*30-90*			
Surrogate: Phenol-d6	*1.40*		mg/kg dry	*1.77*	*NA*	*79.1*	*30-102*			
Surrogate: Terphenyl-d14	*0.822*		mg/kg dry	*0.886*	*NA*	*92.8*	*30-115*			

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Matrix Spike Duplicate (B7G0044-MSD1) **Source: 0703812-02** Prepared: 07/03/07 Analyzed: 07/06/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.43	0.071	mg/kg dry	1.76	ND	81.2	30-130	0.697	30	
1,2-Dichlorobenzene	1.33	0.071	mg/kg dry	1.76	ND	75.6	30-130	9.32	30	
1,2-Diphenylhydrazine	1.61	0.071	mg/kg dry	1.76	ND	91.5	30-130	2.45	30	
1,3-Dichlorobenzene	1.29	0.071	mg/kg dry	1.76	ND	73.3	30-130	7.46	30	
1,4-Dichlorobenzene	1.32	0.071	mg/kg dry	1.76	ND	75.0	30-130	6.59	30	
2,4,5-Trichlorophenol	1.67	0.071	mg/kg dry	1.76	ND	94.9	30-130	4.91	30	
2,4,6-Trichlorophenol	1.52	0.071	mg/kg dry	1.76	ND	86.4	30-130	2.67	30	
2,4-Dichlorophenol	1.52	0.071	mg/kg dry	1.76	ND	86.4	30-130	1.99	30	
2,4-Dimethylphenol	1.78	0.18	mg/kg dry	1.76	ND	101	30-130	0.563	30	
2,4-Dinitrophenol	< 0.35	0.35	mg/kg dry	1.76	ND	15.1	30-130	15.9	30	
2,4-Dinitrotoluene	1.65	0.071	mg/kg dry	1.76	ND	93.8	30-130	1.83	30	
2,6-Dinitrotoluene	1.59	0.071	mg/kg dry	1.76	ND	90.3	30-130	1.25	30	
2-Chloronaphthalene	1.54	0.071	mg/kg dry	1.76	ND	87.5	30-130	1.97	30	
2-Chlorophenol	1.36	0.071	mg/kg dry	1.76	ND	77.3	30-130	5.71	30	
2-Methylnaphthalene	1.55	0.071	mg/kg dry	1.76	ND	88.1	30-130	2.55	30	
2-Methylphenol	1.42	0.18	mg/kg dry	1.76	ND	80.7	30-130	8.75	30	
2-Nitroaniline	1.54	0.071	mg/kg dry	1.76	ND	87.5	30-130	0.00	30	
2-Nitrophenol	1.43	0.071	mg/kg dry	1.76	ND	81.2	30-130	1.39	30	
3,3-Dichlorobenzidine	1.58	0.35	mg/kg dry	1.76	ND	89.8	30-130	7.32	30	
3-/4-Methylphenol	1.40	0.18	mg/kg dry	1.76	ND	79.5	30-130	5.56	30	
3-Nitroaniline	1.54	0.18	mg/kg dry	1.76	ND	87.5	30-130	0.651	30	
4,6-Dinitro-2-methylphenol	1.06	0.18	mg/kg dry	1.76	ND	60.2	30-130	2.87	30	
4-Bromophenyl phenyl ether	1.70	0.071	mg/kg dry	1.76	ND	96.6	30-130	1.17	30	
4-Chloro-3-methylphenol	1.54	0.071	mg/kg dry	1.76	ND	87.5	30-130	3.82	30	
4-Chloroaniline	1.40	0.18	mg/kg dry	1.76	ND	79.5	30-130	0.712	30	
4-Chlorophenyl phenyl ether	1.58	0.071	mg/kg dry	1.76	ND	89.8	30-130	0.00	30	
4-Nitroaniline	1.53	0.071	mg/kg dry	1.76	ND	86.9	30-130	1.32	30	
4-Nitrophenol	1.74	0.071	mg/kg dry	1.76	ND	98.9	30-130	2.92	30	
Acenaphthene	1.53	0.071	mg/kg dry	1.76	ND	86.9	30-130	1.98	30	
Acenaphthylene	1.39	0.071	mg/kg dry	1.76	ND	79.0	30-130	3.66	30	
Aniline	1.32	0.18	mg/kg dry	1.76	ND	75.0	30-130	5.17	30	
Anthracene	1.62	0.071	mg/kg dry	1.76	ND	92.0	30-130	3.64	30	
Benz(a)anthracene	1.42	0.071	mg/kg dry	1.76	ND	80.7	30-130	4.14	30	
Benzo(a)pyrene	1.63	0.071	mg/kg dry	1.76	ND	92.6	30-130	4.79	30	
Benzo(b)fluoranthene	1.57	0.071	mg/kg dry	1.76	ND	89.2	30-130	2.52	30	
Benzo(g,h,i)perylene	2.00	0.071	mg/kg dry	1.76	ND	114	30-130	8.15	30	
Benzo(k)fluoranthene	1.58	0.071	mg/kg dry	1.76	ND	89.8	30-130	6.13	30	
Benzyl alcohol	1.38	0.071	mg/kg dry	1.76	0.029	76.8	30-130	2.86	30	
bis(2-Chloroethoxy)methane	1.43	0.071	mg/kg dry	1.76	ND	81.2	30-130	2.84	30	

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675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Semivolatile Organic Compounds - Quality Control

Batch B7G0044 - EPA 3545

Matrix Spike Duplicate (B7G0044-MSD1) **Source: 0703812-02** Prepared: 07/03/07 Analyzed: 07/06/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	1.30	0.071	mg/kg dry	1.76	ND	73.9	30-130	11.6	30	
Bis(2-chloroisopropyl)ether	1.25	0.071	mg/kg dry	1.76	ND	71.0	30-130	3.15	30	
Bis(2-Ethylhexyl)phthalate	1.61	0.35	mg/kg dry	1.76	ND	91.5	30-130	0.619	30	
Butyl benzyl phthalate	1.49	0.071	mg/kg dry	1.76	ND	84.7	30-130	6.49	30	
Carbazole	1.58	0.071	mg/kg dry	1.76	ND	89.8	30-130	4.94	30	
Chrysene	1.59	0.071	mg/kg dry	1.76	ND	90.3	30-130	5.50	30	
Dibenz(a,h)anthracene	1.93	0.071	mg/kg dry	1.76	ND	110	30-130	4.56	30	
Dibenzofuran	1.55	0.071	mg/kg dry	1.76	ND	88.1	30-130	1.30	30	
Diethylphthalate	1.63	0.071	mg/kg dry	1.76	ND	92.6	30-130	1.82	30	
Dimethyl phthalate	1.51	0.071	mg/kg dry	1.76	ND	85.8	30-130	1.97	30	
Di-n-butyl phthalate	1.87	0.35	mg/kg dry	1.76	0.024	105	30-130	3.67	30	
Di-n-octyl phthalate	1.54	0.071	mg/kg dry	1.76	ND	87.5	30-130	4.44	30	
Fluoranthene	1.84	0.35	mg/kg dry	1.76	0.022	103	30-130	4.77	30	
Fluorene	1.60	0.071	mg/kg dry	1.76	ND	90.9	30-130	1.89	30	
Hexachlorobenzene	1.71	0.071	mg/kg dry	1.76	ND	97.2	30-130	2.31	30	
Hexachlorobutadiene	1.55	0.071	mg/kg dry	1.76	ND	88.1	30-130	0.643	30	
Hexachlorocyclopentadiene	1.14	0.071	mg/kg dry	1.76	ND	64.8	30-130	12.1	30	
Hexachloroethane	1.27	0.071	mg/kg dry	1.76	ND	72.2	30-130	4.62	30	
Indeno(1,2,3-cd)pyrene	1.82	0.071	mg/kg dry	1.76	ND	103	30-130	7.41	30	
Isophorone	1.55	0.071	mg/kg dry	1.76	ND	88.1	30-130	2.55	30	
Naphthalene	1.42	0.071	mg/kg dry	1.76	ND	80.7	30-130	1.40	30	
Nitrobenzene	1.46	0.071	mg/kg dry	1.76	ND	83.0	30-130	0.687	30	
N-Nitrosodimethylamine	1.20	0.071	mg/kg dry	1.76	ND	68.2	30-130	0.830	30	
N-Nitrosodi-n-propylamine	1.52	0.071	mg/kg dry	1.76	ND	86.4	30-130	1.31	30	
N-Nitrosodiphenylamine	1.85	0.071	mg/kg dry	1.76	ND	105	30-130	3.71	30	
Pentachlorophenol	1.53	0.18	mg/kg dry	1.76	ND	86.9	30-130	7.55	30	
Phenanthrene	1.82	0.18	mg/kg dry	1.76	0.015	103	30-130	2.71	30	
Phenol	1.30	0.071	mg/kg dry	1.76	ND	73.9	30-130	7.41	30	
Pyrene	1.78	0.071	mg/kg dry	1.76	0.018	100	30-130	2.22	30	
Pyridine	0.855	0.071	mg/kg dry	1.76	ND	48.6	30-130	8.72	30	
Surrogate: 2,4,6-Tribromophenol	*1.64*		mg/kg dry	*1.76*	*NA*	*93.2*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.855*		mg/kg dry	*0.878*	*NA*	*97.4*	*30-104*			
Surrogate: 2-Fluorophenol	*1.36*		mg/kg dry	*1.76*	*NA*	*77.3*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.706*		mg/kg dry	*0.878*	*NA*	*80.4*	*30-90*			
Surrogate: Phenol-d6	*1.31*		mg/kg dry	*1.76*	*NA*	*74.4*	*30-102*			
Surrogate: Terphenyl-d14	*0.805*		mg/kg dry	*0.878*	*NA*	*91.7*	*30-115*			

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Method Blank (B7G0048-BLK1) Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	< 0.50	0.50	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	< 1.0	1.0	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	< 0.50	0.50	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	

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St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Method Blank (B7G0048-BLK1) Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	< 0.10	0.10	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	< 0.50	0.50	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	< 0.25	0.25	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	< 0.10	0.10	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	< 0.25	0.25	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	< 0.050	0.050	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	< 0.12	0.12	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.6*		ug/L	*25.0*	*NA*	*98.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.0*		ug/L	*25.0*	*NA*	*96.0*	*80-120*			
Surrogate: Dibromofluoromethane	*24.2*		ug/L	*25.0*	*NA*	*96.8*	*80-120*			
Surrogate: Toluene-d8	*25.2*		ug/L	*25.0*	*NA*	*101*	*80-120*			

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St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Laboratory Control Sample (B7G0048-BS1) Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.43	0.050	mg/kg	1.25	NA	114	75-125	NA	NA	
1,1,1-Trichloroethane	1.47	0.050	mg/kg	1.25	NA	118	75-125	NA	NA	
1,1,2,2-Tetrachloroethane	1.40	0.050	mg/kg	1.25	NA	112	75-125	NA	NA	
1,1,2-Trichloroethane	1.37	0.050	mg/kg	1.25	NA	110	75-125	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.48	0.050	mg/kg	1.25	NA	118	75-125	NA	NA	
1,1-Dichloroethane	1.44	0.050	mg/kg	1.25	NA	115	75-125	NA	NA	
1,1-Dichloroethene	1.51	0.050	mg/kg	1.25	NA	121	75-125	NA	NA	
1,1-Dichloropropene	1.41	0.050	mg/kg	1.25	NA	113	75-125	NA	NA	
1,2,3-Trichlorobenzene	1.38	0.050	mg/kg	1.25	NA	110	75-125	NA	NA	
1,2,3-Trichloropropane	1.37	0.050	mg/kg	1.25	NA	110	75-125	NA	NA	
1,2,4-Trichlorobenzene	1.41	0.050	mg/kg	1.25	NA	113	75-125	NA	NA	
1,2,4-Trimethylbenzene	1.45	0.12	mg/kg	1.25	NA	116	75-125	NA	NA	
1,2-Dibromo-3-chloropropane	1.30	0.050	mg/kg	1.25	NA	104	75-125	NA	NA	
1,2-Dibromoethane	1.39	0.050	mg/kg	1.25	NA	111	75-125	NA	NA	
1,2-Dichlorobenzene	1.43	0.050	mg/kg	1.25	NA	114	75-125	NA	NA	
1,2-Dichloroethane	1.39	0.050	mg/kg	1.25	NA	111	75-125	NA	NA	
1,2-Dichloropropane	1.46	0.050	mg/kg	1.25	NA	117	75-125	NA	NA	
1,3,5-Trimethylbenzene	1.46	0.12	mg/kg	1.25	NA	117	75-125	NA	NA	
1,3-Dichlorobenzene	1.43	0.050	mg/kg	1.25	NA	114	75-125	NA	NA	
1,3-Dichloropropane	1.37	0.050	mg/kg	1.25	NA	110	75-125	NA	NA	
1,4-Dichlorobenzene	1.42	0.050	mg/kg	1.25	NA	114	75-125	NA	NA	
2,2-Dichloropropane	1.40	0.050	mg/kg	1.25	NA	112	75-125	NA	NA	
2-Butanone (MEK)	1.31	0.50	mg/kg	1.25	NA	105	75-125	NA	NA	
2-Chlorotoluene	1.41	0.12	mg/kg	1.25	NA	113	75-125	NA	NA	
4-Chlorotoluene	1.42	0.12	mg/kg	1.25	NA	114	75-125	NA	NA	
4-Isopropyltoluene	1.37	0.050	mg/kg	1.25	NA	110	75-125	NA	NA	
Acetone	1.40	1.0	mg/kg	1.25	NA	112	75-125	NA	NA	
Allyl Chloride	1.38	0.050	mg/kg	1.25	NA	110	75-125	NA	NA	
Benzene	1.43	0.050	mg/kg	1.25	NA	114	75-125	NA	NA	
Bromobenzene	1.43	0.050	mg/kg	1.25	NA	114	75-125	NA	NA	
Bromochloromethane	1.41	0.050	mg/kg	1.25	NA	113	75-125	NA	NA	
Bromodichloromethane	1.45	0.050	mg/kg	1.25	NA	116	75-125	NA	NA	
Bromoform	1.22	0.50	mg/kg	1.25	NA	97.6	75-125	NA	NA	
Bromomethane	1.52	0.050	mg/kg	1.25	NA	122	70-130	NA	NA	
Carbon Tetrachloride	1.44	0.050	mg/kg	1.25	NA	115	75-125	NA	NA	
Chlorobenzene	1.44	0.050	mg/kg	1.25	NA	115	75-125	NA	NA	
Chlorodibromomethane	1.28	0.12	mg/kg	1.25	NA	102	75-125	NA	NA	
Chloroethane	1.40	0.050	mg/kg	1.25	NA	112	75-125	NA	NA	
Chloroform	1.45	0.050	mg/kg	1.25	NA	116	75-125	NA	NA	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Laboratory Control Sample (B7G0048-BS1) Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.41	0.050	mg/kg	1.25	NA	113	75-125	NA	NA	
cis-1,2-Dichloroethene	1.45	0.050	mg/kg	1.25	NA	116	75-125	NA	NA	
cis-1,3-Dichloropropene	1.34	0.12	mg/kg	1.25	NA	107	75-125	NA	NA	
Dibromomethane	1.39	0.050	mg/kg	1.25	NA	111	75-125	NA	NA	
Dichlorodifluoromethane	1.38	0.12	mg/kg	1.25	NA	110	70-130	NA	NA	
Dichlorofluoromethane	1.45	0.050	mg/kg	1.25	NA	116	75-125	NA	NA	
Ethyl Ether	1.44	0.050	mg/kg	1.25	NA	115	75-125	NA	NA	
Ethylbenzene	1.38	0.050	mg/kg	1.25	NA	110	75-125	NA	NA	
Hexachlorobutadiene	1.43	0.10	mg/kg	1.25	NA	114	75-125	NA	NA	
Isopropylbenzene	1.40	0.050	mg/kg	1.25	NA	112	75-125	NA	NA	
m,p-Xylenes	2.81	0.050	mg/kg	2.50	NA	112	75-125	NA	NA	
Methyl Isobutyl Ketone	1.21	0.50	mg/kg	1.25	NA	96.8	75-125	NA	NA	
Methylene chloride	1.38	0.25	mg/kg	1.25	NA	110	75-125	NA	NA	
Methyl-t-butyl ether	1.30	0.12	mg/kg	1.25	NA	104	75-125	NA	NA	
Naphthalene	1.37	0.050	mg/kg	1.25	NA	110	75-125	NA	NA	
n-Butylbenzene	1.39	0.050	mg/kg	1.25	NA	111	75-125	NA	NA	
n-Propylbenzene	1.40	0.050	mg/kg	1.25	NA	112	75-125	NA	NA	
o-Xylene	1.39	0.050	mg/kg	1.25	NA	111	75-125	NA	NA	
sec-Butylbenzene	1.47	0.12	mg/kg	1.25	NA	118	75-125	NA	NA	
Styrene	1.33	0.12	mg/kg	1.25	NA	106	75-125	NA	NA	
tert-Butylbenzene	1.48	0.12	mg/kg	1.25	NA	118	75-125	NA	NA	
Tetrachloroethene	1.51	0.10	mg/kg	1.25	NA	121	75-125	NA	NA	
Tetrahydrofuran	1.29	0.25	mg/kg	1.25	NA	103	75-125	NA	NA	
Toluene	1.46	0.050	mg/kg	1.25	NA	117	75-125	NA	NA	
trans-1,2-Dichloroethene	1.48	0.050	mg/kg	1.25	NA	118	75-125	NA	NA	
trans-1,3-Dichloropropene	1.31	0.12	mg/kg	1.25	NA	105	75-125	NA	NA	
Trichloroethene	1.49	0.050	mg/kg	1.25	NA	119	75-125	NA	NA	
Trichlorofluoromethane	1.49	0.050	mg/kg	1.25	NA	119	75-125	NA	NA	
Vinyl chloride	1.41	0.12	mg/kg	1.25	NA	113	70-130	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.5*		ug/L	*25.0*	*NA*	*98.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.1*		ug/L	*25.0*	*NA*	*100*	*80-120*			
Surrogate: Dibromofluoromethane	*24.9*		ug/L	*25.0*	*NA*	*99.6*	*80-120*			
Surrogate: Toluene-d8	*24.8*		ug/L	*25.0*	*NA*	*99.2*	*80-120*			

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Laboratory Control Sample Duplicate (B7G0048-BSD1) Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.42	0.050	mg/kg	1.25	NA	114	75-125	0.702	20	
1,1,1-Trichloroethane	1.39	0.050	mg/kg	1.25	NA	111	75-125	5.59	20	
1,1,2,2-Tetrachloroethane	1.39	0.050	mg/kg	1.25	NA	111	75-125	0.717	20	
1,1,2-Trichloroethane	1.39	0.050	mg/kg	1.25	NA	111	75-125	1.45	20	
1,1,2-Trichlorotrifluoroethane	1.36	0.050	mg/kg	1.25	NA	109	75-125	8.45	20	
1,1-Dichloroethane	1.43	0.050	mg/kg	1.25	NA	114	75-125	0.697	20	
1,1-Dichloroethene	1.39	0.050	mg/kg	1.25	NA	111	75-125	8.28	20	
1,1-Dichloropropene	1.30	0.050	mg/kg	1.25	NA	104	75-125	8.12	20	
1,2,3-Trichlorobenzene	1.38	0.050	mg/kg	1.25	NA	110	75-125	0.00	20	
1,2,3-Trichloropropane	1.36	0.050	mg/kg	1.25	NA	109	75-125	0.733	20	
1,2,4-Trichlorobenzene	1.38	0.050	mg/kg	1.25	NA	110	75-125	2.15	20	
1,2,4-Trimethylbenzene	1.40	0.12	mg/kg	1.25	NA	112	75-125	3.51	20	
1,2-Dibromo-3-chloropropane	1.29	0.050	mg/kg	1.25	NA	103	75-125	0.772	20	
1,2-Dibromoethane	1.41	0.050	mg/kg	1.25	NA	113	75-125	1.43	20	
1,2-Dichlorobenzene	1.42	0.050	mg/kg	1.25	NA	114	75-125	0.702	20	
1,2-Dichloroethane	1.39	0.050	mg/kg	1.25	NA	111	75-125	0.00	20	
1,2-Dichloropropane	1.43	0.050	mg/kg	1.25	NA	114	75-125	2.08	20	
1,3,5-Trimethylbenzene	1.38	0.12	mg/kg	1.25	NA	110	75-125	5.63	20	
1,3-Dichlorobenzene	1.41	0.050	mg/kg	1.25	NA	113	75-125	1.41	20	
1,3-Dichloropropane	1.38	0.050	mg/kg	1.25	NA	110	75-125	0.727	20	
1,4-Dichlorobenzene	1.40	0.050	mg/kg	1.25	NA	112	75-125	1.42	20	
2,2-Dichloropropane	1.32	0.050	mg/kg	1.25	NA	106	75-125	5.88	20	
2-Butanone (MEK)	1.38	0.50	mg/kg	1.25	NA	110	75-125	5.20	20	
2-Chlorotoluene	1.38	0.12	mg/kg	1.25	NA	110	75-125	2.15	20	
4-Chlorotoluene	1.39	0.12	mg/kg	1.25	NA	111	75-125	2.14	20	
4-Isopropyltoluene	1.33	0.050	mg/kg	1.25	NA	106	75-125	2.96	20	
Acetone	1.34	1.0	mg/kg	1.25	NA	107	75-125	4.38	20	
Allyl Chloride	1.36	0.050	mg/kg	1.25	NA	109	75-125	1.46	20	
Benzene	1.38	0.050	mg/kg	1.25	NA	110	75-125	3.56	20	
Bromobenzene	1.42	0.050	mg/kg	1.25	NA	114	75-125	0.702	20	
Bromochloromethane	1.44	0.050	mg/kg	1.25	NA	115	75-125	2.11	20	
Bromodichloromethane	1.40	0.050	mg/kg	1.25	NA	112	75-125	3.51	20	
Bromoform	1.25	0.50	mg/kg	1.25	NA	100	75-125	2.43	20	
Bromomethane	1.46	0.050	mg/kg	1.25	NA	117	70-130	4.03	20	
Carbon Tetrachloride	1.27	0.050	mg/kg	1.25	NA	102	75-125	12.5	20	
Chlorobenzene	1.41	0.050	mg/kg	1.25	NA	113	75-125	2.11	20	
Chlorodibromomethane	1.29	0.12	mg/kg	1.25	NA	103	75-125	0.778	20	
Chloroethane	1.36	0.050	mg/kg	1.25	NA	109	75-125	2.90	20	
Chloroform	1.43	0.050	mg/kg	1.25	NA	114	75-125	1.39	20	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Laboratory Control Sample Duplicate (B7G0048-BSD1) Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.34	0.050	mg/kg	1.25	NA	107	75-125	5.09	20	
cis-1,2-Dichloroethene	1.45	0.050	mg/kg	1.25	NA	116	75-125	0.00	20	
cis-1,3-Dichloropropene	1.32	0.12	mg/kg	1.25	NA	106	75-125	1.50	20	
Dibromomethane	1.37	0.050	mg/kg	1.25	NA	110	75-125	1.45	20	
Dichlorodifluoromethane	1.25	0.12	mg/kg	1.25	NA	100	70-130	9.89	20	
Dichlorofluoromethane	1.41	0.050	mg/kg	1.25	NA	113	75-125	2.80	20	
Ethyl Ether	1.46	0.050	mg/kg	1.25	NA	117	75-125	1.38	20	
Ethylbenzene	1.34	0.050	mg/kg	1.25	NA	107	75-125	2.94	20	
Hexachlorobutadiene	1.45	0.10	mg/kg	1.25	NA	116	75-125	1.39	20	
Isopropylbenzene	1.34	0.050	mg/kg	1.25	NA	107	75-125	4.38	20	
m,p-Xylenes	2.72	0.050	mg/kg	2.50	NA	109	75-125	3.25	20	
Methyl Isobutyl Ketone	1.21	0.50	mg/kg	1.25	NA	96.8	75-125	0.00	20	
Methylene chloride	1.40	0.25	mg/kg	1.25	NA	112	75-125	1.44	20	
Methyl-t-butyl ether	1.31	0.12	mg/kg	1.25	NA	105	75-125	0.766	20	
Naphthalene	1.37	0.050	mg/kg	1.25	NA	110	75-125	0.00	20	
n-Butylbenzene	1.33	0.050	mg/kg	1.25	NA	106	75-125	4.41	20	
n-Propylbenzene	1.33	0.050	mg/kg	1.25	NA	106	75-125	5.13	20	
o-Xylene	1.36	0.050	mg/kg	1.25	NA	109	75-125	2.18	20	
sec-Butylbenzene	1.40	0.12	mg/kg	1.25	NA	112	75-125	4.88	20	
Styrene	1.32	0.12	mg/kg	1.25	NA	106	75-125	0.755	20	
tert-Butylbenzene	1.41	0.12	mg/kg	1.25	NA	113	75-125	4.84	20	
Tetrachloroethene	1.36	0.10	mg/kg	1.25	NA	109	75-125	10.5	20	
Tetrahydrofuran	1.36	0.25	mg/kg	1.25	NA	109	75-125	5.28	20	
Toluene	1.41	0.050	mg/kg	1.25	NA	113	75-125	3.48	20	
trans-1,2-Dichloroethene	1.42	0.050	mg/kg	1.25	NA	114	75-125	4.14	20	
trans-1,3-Dichloropropene	1.29	0.12	mg/kg	1.25	NA	103	75-125	1.54	20	
Trichloroethene	1.40	0.050	mg/kg	1.25	NA	112	75-125	6.23	20	
Trichlorofluoromethane	1.37	0.050	mg/kg	1.25	NA	110	75-125	8.39	20	
Vinyl chloride	1.29	0.12	mg/kg	1.25	NA	103	70-130	8.89	20	
Surrogate: 1,2-Dichloroethane-d4	*24.7*		ug/L	*25.0*	*NA*	*98.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		ug/L	*25.0*	*NA*	*102*	*80-120*			
Surrogate: Dibromofluoromethane	*25.3*		ug/L	*25.0*	*NA*	*101*	*80-120*			
Surrogate: Toluene-d8	*25.1*		ug/L	*25.0*	*NA*	*100*	*80-120*			

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Matrix Spike (B7G0048-MS1) **Source: 0703827-04** Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.44	0.052	mg/kg dry	1.29	ND	112	75-125	NA	NA	
1,1,1-Trichloroethane	1.41	0.052	mg/kg dry	1.29	ND	109	75-125	NA	NA	
1,1,2,2-Tetrachloroethane	1.34	0.052	mg/kg dry	1.29	ND	104	75-125	NA	NA	
1,1,2-Trichloroethane	1.35	0.052	mg/kg dry	1.29	ND	105	75-125	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.40	0.052	mg/kg dry	1.29	ND	109	75-125	NA	NA	
1,1-Dichloroethane	1.39	0.052	mg/kg dry	1.29	ND	108	75-125	NA	NA	
1,1-Dichloroethene	1.42	0.052	mg/kg dry	1.29	ND	110	75-125	NA	NA	
1,1-Dichloropropene	1.34	0.052	mg/kg dry	1.29	0.025	102	75-125	NA	NA	
1,2,3-Trichlorobenzene	1.39	0.052	mg/kg dry	1.29	ND	108	75-125	NA	NA	
1,2,3-Trichloropropane	1.31	0.052	mg/kg dry	1.29	ND	102	75-125	NA	NA	
1,2,4-Trichlorobenzene	1.39	0.052	mg/kg dry	1.29	ND	108	75-125	NA	NA	
1,2,4-Trimethylbenzene	1.43	0.13	mg/kg dry	1.29	ND	111	75-125	NA	NA	
1,2-Dibromo-3-chloropropane	1.26	0.052	mg/kg dry	1.29	ND	97.7	75-125	NA	NA	
1,2-Dibromoethane	1.38	0.052	mg/kg dry	1.29	ND	107	75-125	NA	NA	
1,2-Dichlorobenzene	1.41	0.052	mg/kg dry	1.29	ND	109	75-125	NA	NA	
1,2-Dichloroethane	1.31	0.052	mg/kg dry	1.29	ND	102	75-125	NA	NA	
1,2-Dichloropropane	1.40	0.052	mg/kg dry	1.29	ND	109	75-125	NA	NA	
1,3,5-Trimethylbenzene	1.43	0.13	mg/kg dry	1.29	ND	111	75-125	NA	NA	
1,3-Dichlorobenzene	1.44	0.052	mg/kg dry	1.29	ND	112	75-125	NA	NA	
1,3-Dichloropropane	1.35	0.052	mg/kg dry	1.29	ND	105	75-125	NA	NA	
1,4-Dichlorobenzene	1.42	0.052	mg/kg dry	1.29	ND	110	75-125	NA	NA	
2,2-Dichloropropane	1.33	0.052	mg/kg dry	1.29	0.024	101	75-125	NA	NA	
2-Butanone (MEK)	1.30	0.52	mg/kg dry	1.29	ND	101	75-125	NA	NA	
2-Chlorotoluene	1.42	0.13	mg/kg dry	1.29	ND	110	75-125	NA	NA	
4-Chlorotoluene	1.43	0.13	mg/kg dry	1.29	ND	111	75-125	NA	NA	
4-Isopropyltoluene	1.35	0.052	mg/kg dry	1.29	0.042	101	75-125	NA	NA	
Acetone	1.21	1.0	mg/kg dry	1.29	ND	93.8	75-125	NA	NA	
Allyl Chloride	1.32	0.052	mg/kg dry	1.29	0.022	101	75-125	NA	NA	
Benzene	1.38	0.052	mg/kg dry	1.29	0.0057	107	75-125	NA	NA	
Bromobenzene	1.46	0.052	mg/kg dry	1.29	ND	113	75-125	NA	NA	
Bromochloromethane	1.37	0.052	mg/kg dry	1.29	ND	106	75-125	NA	NA	
Bromodichloromethane	1.37	0.052	mg/kg dry	1.29	ND	106	75-125	NA	NA	
Bromoform	1.22	0.52	mg/kg dry	1.29	0.15	82.9	75-125	NA	NA	
Bromomethane	1.41	0.052	mg/kg dry	1.29	ND	109	70-130	NA	NA	
Carbon Tetrachloride	1.33	0.052	mg/kg dry	1.29	0.018	102	75-125	NA	NA	
Chlorobenzene	1.44	0.052	mg/kg dry	1.29	ND	112	75-125	NA	NA	
Chlorodibromomethane	1.26	0.13	mg/kg dry	1.29	ND	97.7	75-125	NA	NA	
Chloroethane	1.33	0.052	mg/kg dry	1.29	0.013	102	75-125	NA	NA	
Chloroform	1.39	0.052	mg/kg dry	1.29	ND	108	75-125	NA	NA	

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St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Matrix Spike (B7G0048-MS1) **Source: 0703827-04** Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.30	0.052	mg/kg dry	1.29	ND	101	75-125	NA	NA	
cis-1,2-Dichloroethene	1.41	0.052	mg/kg dry	1.29	ND	109	75-125	NA	NA	
cis-1,3-Dichloropropene	1.29	0.13	mg/kg dry	1.29	0.046	96.4	75-125	NA	NA	
Dibromomethane	1.29	0.052	mg/kg dry	1.29	ND	100	75-125	NA	NA	
Dichlorodifluoromethane	1.30	0.13	mg/kg dry	1.29	ND	101	70-130	NA	NA	
Dichlorofluoromethane	1.39	0.052	mg/kg dry	1.29	ND	108	75-125	NA	NA	
Ethyl Ether	1.41	0.052	mg/kg dry	1.29	ND	109	75-125	NA	NA	
Ethylbenzene	1.38	0.052	mg/kg dry	1.29	0.044	104	75-125	NA	NA	
Hexachlorobutadiene	1.43	0.10	mg/kg dry	1.29	ND	111	75-125	NA	NA	
Isopropylbenzene	1.36	0.052	mg/kg dry	1.29	0.044	102	75-125	NA	NA	
m,p-Xylenes	2.77	0.052	mg/kg dry	2.58	0.038	106	75-125	NA	NA	
Methyl Isobutyl Ketone	1.13	0.52	mg/kg dry	1.29	0.12	78.3	75-125	NA	NA	
Methylene chloride	1.35	0.26	mg/kg dry	1.29	ND	105	75-125	NA	NA	
Methyl-t-butyl ether	1.24	0.13	mg/kg dry	1.29	ND	96.1	75-125	NA	NA	
Naphthalene	1.35	0.052	mg/kg dry	1.29	ND	105	75-125	NA	NA	
n-Butylbenzene	1.35	0.052	mg/kg dry	1.29	0.035	102	75-125	NA	NA	
n-Propylbenzene	1.38	0.052	mg/kg dry	1.29	0.039	104	75-125	NA	NA	
o-Xylene	1.38	0.052	mg/kg dry	1.29	0.021	105	75-125	NA	NA	
sec-Butylbenzene	1.44	0.13	mg/kg dry	1.29	ND	112	75-125	NA	NA	
Styrene	1.32	0.13	mg/kg dry	1.29	ND	102	75-125	NA	NA	
tert-Butylbenzene	1.46	0.13	mg/kg dry	1.29	ND	113	75-125	NA	NA	
Tetrachloroethene	1.45	0.10	mg/kg dry	1.29	ND	112	75-125	NA	NA	
Tetrahydrofuran	1.18	0.26	mg/kg dry	1.29	ND	91.5	75-125	NA	NA	
Toluene	1.45	0.052	mg/kg dry	1.29	ND	112	75-125	NA	NA	
trans-1,2-Dichloroethene	1.42	0.052	mg/kg dry	1.29	ND	110	75-125	NA	NA	
trans-1,3-Dichloropropene	1.25	0.13	mg/kg dry	1.29	ND	96.9	75-125	NA	NA	
Trichloroethene	1.43	0.052	mg/kg dry	1.29	ND	111	75-125	NA	NA	
Trichlorofluoromethane	1.41	0.052	mg/kg dry	1.29	ND	109	75-125	NA	NA	
Vinyl chloride	1.34	0.13	mg/kg dry	1.29	0.012	103	70-130	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.3*		ug/L	*25.0*	*NA*	*93.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.7*		ug/L	*25.0*	*NA*	*103*	*80-120*			
Surrogate: Dibromofluoromethane	*24.4*		ug/L	*25.0*	*NA*	*97.6*	*80-120*			
Surrogate: Toluene-d8	*25.4*		ug/L	*25.0*	*NA*	*102*	*80-120*			

BRAUN INTERTEC

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Matrix Spike Duplicate (B7G0048-MSD1) **Source: 0703827-04** Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.43	0.052	mg/kg dry	1.29	ND	111	75-125	0.697	20	
1,1,1-Trichloroethane	1.38	0.052	mg/kg dry	1.29	ND	107	75-125	2.15	20	
1,1,2,2-Tetrachloroethane	1.36	0.052	mg/kg dry	1.29	ND	105	75-125	1.48	20	
1,1,2-Trichloroethane	1.36	0.052	mg/kg dry	1.29	ND	105	75-125	0.738	20	
1,1,2-Trichlorotrifluoroethane	1.41	0.052	mg/kg dry	1.29	ND	109	75-125	0.712	20	
1,1-Dichloroethane	1.35	0.052	mg/kg dry	1.29	ND	105	75-125	2.92	20	
1,1-Dichloroethene	1.40	0.052	mg/kg dry	1.29	ND	109	75-125	1.42	20	
1,1-Dichloropropene	1.33	0.052	mg/kg dry	1.29	0.025	101	75-125	0.749	20	
1,2,3-Trichlorobenzene	1.35	0.052	mg/kg dry	1.29	ND	105	75-125	2.92	20	
1,2,3-Trichloropropane	1.34	0.052	mg/kg dry	1.29	ND	104	75-125	2.26	20	
1,2,4-Trichlorobenzene	1.39	0.052	mg/kg dry	1.29	ND	108	75-125	0.00	20	
1,2,4-Trimethylbenzene	1.42	0.13	mg/kg dry	1.29	ND	110	75-125	0.702	20	
1,2-Dibromo-3-chloropropane	1.31	0.052	mg/kg dry	1.29	ND	102	75-125	3.89	20	
1,2-Dibromoethane	1.38	0.052	mg/kg dry	1.29	ND	107	75-125	0.00	20	
1,2-Dichlorobenzene	1.44	0.052	mg/kg dry	1.29	ND	112	75-125	2.11	20	
1,2-Dichloroethane	1.30	0.052	mg/kg dry	1.29	ND	101	75-125	0.766	20	
1,2-Dichloropropane	1.39	0.052	mg/kg dry	1.29	ND	108	75-125	0.717	20	
1,3,5-Trimethylbenzene	1.44	0.13	mg/kg dry	1.29	ND	112	75-125	0.697	20	
1,3-Dichlorobenzene	1.43	0.052	mg/kg dry	1.29	ND	111	75-125	0.697	20	
1,3-Dichloropropane	1.37	0.052	mg/kg dry	1.29	ND	106	75-125	1.47	20	
1,4-Dichlorobenzene	1.42	0.052	mg/kg dry	1.29	ND	110	75-125	0.00	20	
2,2-Dichloropropane	1.31	0.052	mg/kg dry	1.29	0.024	99.7	75-125	1.52	20	
2-Butanone (MEK)	1.33	0.52	mg/kg dry	1.29	ND	103	75-125	2.28	20	
2-Chlorotoluene	1.42	0.13	mg/kg dry	1.29	ND	110	75-125	0.00	20	
4-Chlorotoluene	1.41	0.13	mg/kg dry	1.29	ND	109	75-125	1.41	20	
4-Isopropyltoluene	1.37	0.052	mg/kg dry	1.29	0.042	103	75-125	1.47	20	
Acetone	1.12	1.0	mg/kg dry	1.29	ND	86.8	75-125	7.73	20	
Allyl Chloride	1.29	0.052	mg/kg dry	1.29	0.022	98.3	75-125	2.30	20	
Benzene	1.38	0.052	mg/kg dry	1.29	0.0057	107	75-125	0.00	20	
Bromobenzene	1.46	0.052	mg/kg dry	1.29	ND	113	75-125	0.00	20	
Bromochloromethane	1.35	0.052	mg/kg dry	1.29	ND	105	75-125	1.47	20	
Bromodichloromethane	1.38	0.052	mg/kg dry	1.29	ND	107	75-125	0.727	20	
Bromoform	1.22	0.52	mg/kg dry	1.29	0.15	82.9	75-125	0.00	20	
Bromomethane	1.36	0.052	mg/kg dry	1.29	ND	105	70-130	3.61	20	
Carbon Tetrachloride	1.33	0.052	mg/kg dry	1.29	0.018	102	75-125	0.00	20	
Chlorobenzene	1.42	0.052	mg/kg dry	1.29	ND	110	75-125	1.40	20	
Chlorodibromomethane	1.28	0.13	mg/kg dry	1.29	ND	99.2	75-125	1.57	20	
Chloroethane	1.32	0.052	mg/kg dry	1.29	0.013	101	75-125	0.755	20	
Chloroform	1.35	0.052	mg/kg dry	1.29	ND	105	75-125	2.92	20	

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

Volatile Organic Compounds - Quality Control

Batch B7G0048 - EPA 5035

Matrix Spike Duplicate (B7G0048-MSD1) **Source: 0703827-04** Prepared: 07/02/07 Analyzed: 07/03/07

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.27	0.052	mg/kg dry	1.29	ND	98.4	75-125	2.33	20	
cis-1,2-Dichloroethene	1.39	0.052	mg/kg dry	1.29	ND	108	75-125	1.43	20	
cis-1,3-Dichloropropene	1.31	0.13	mg/kg dry	1.29	0.046	98.0	75-125	1.54	20	
Dibromomethane	1.32	0.052	mg/kg dry	1.29	ND	102	75-125	2.30	20	
Dichlorodifluoromethane	1.27	0.13	mg/kg dry	1.29	ND	98.4	70-130	2.33	20	
Dichlorofluoromethane	1.37	0.052	mg/kg dry	1.29	ND	106	75-125	1.45	20	
Ethyl Ether	1.35	0.052	mg/kg dry	1.29	ND	105	75-125	4.35	20	
Ethylbenzene	1.37	0.052	mg/kg dry	1.29	0.044	103	75-125	0.727	20	
Hexachlorobutadiene	1.48	0.10	mg/kg dry	1.29	ND	115	75-125	3.44	20	
Isopropylbenzene	1.37	0.052	mg/kg dry	1.29	0.044	103	75-125	0.733	20	
m,p-Xylenes	2.77	0.052	mg/kg dry	2.58	0.038	106	75-125	0.00	20	
Methyl Isobutyl Ketone	1.17	0.52	mg/kg dry	1.29	0.12	81.4	75-125	3.48	20	
Methylene chloride	1.33	0.26	mg/kg dry	1.29	ND	103	75-125	1.49	20	
Methyl-t-butyl ether	1.25	0.13	mg/kg dry	1.29	ND	96.9	75-125	0.803	20	
Naphthalene	1.33	0.052	mg/kg dry	1.29	ND	103	75-125	1.49	20	
n-Butylbenzene	1.36	0.052	mg/kg dry	1.29	0.035	103	75-125	0.738	20	
n-Propylbenzene	1.39	0.052	mg/kg dry	1.29	0.039	105	75-125	0.722	20	
o-Xylene	1.37	0.052	mg/kg dry	1.29	0.021	105	75-125	0.727	20	
sec-Butylbenzene	1.44	0.13	mg/kg dry	1.29	ND	112	75-125	0.00	20	
Styrene	1.32	0.13	mg/kg dry	1.29	ND	102	75-125	0.00	20	
tert-Butylbenzene	1.46	0.13	mg/kg dry	1.29	ND	113	75-125	0.00	20	
Tetrachloroethene	1.47	0.10	mg/kg dry	1.29	ND	114	75-125	1.37	20	
Tetrahydrofuran	1.18	0.26	mg/kg dry	1.29	ND	91.5	75-125	0.00	20	
Toluene	1.44	0.052	mg/kg dry	1.29	ND	112	75-125	0.692	20	
trans-1,2-Dichloroethene	1.38	0.052	mg/kg dry	1.29	ND	107	75-125	2.86	20	
trans-1,3-Dichloropropene	1.26	0.13	mg/kg dry	1.29	ND	97.7	75-125	0.797	20	
Trichloroethene	1.43	0.052	mg/kg dry	1.29	ND	111	75-125	0.00	20	
Trichlorofluoromethane	1.36	0.052	mg/kg dry	1.29	ND	105	75-125	3.61	20	
Vinyl chloride	1.25	0.13	mg/kg dry	1.29	0.012	96.0	70-130	6.95	20	
Surrogate: 1,2-Dichloroethane-d4	*23.0*		ug/L	*25.0*	*NA*	*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.3*		ug/L	*25.0*	*NA*	*101*	*80-120*			
Surrogate: Dibromofluoromethane	*24.4*		ug/L	*25.0*	*NA*	*97.6*	*80-120*			
Surrogate: Toluene-d8	*25.2*		ug/L	*25.0*	*NA*	*101*	*80-120*			

BRAUN INTERTEC

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Service Engineering Group	Client Ref: Onondaga 05017	Work Order #: 0703853
675 Vandalia Street	Client Contact: Mr. Dean Myers	Project Mgr: Steven J. Albrecht
St. Paul, MN 55114	PO Number:	Account ID: S15039

For Braun Intertec Use Only
Braun Intertec Project No.

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested: Standard
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page ___ of ___

REPORT RESULTS TO
Contact Name: Dean Myers
Company: Service Engineering Group
Mailing Address: 675 Vandalia Street
City, State, Zip: St. Paul, MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail:

Project ID/Project Name: Onondaga 05017
P.O. #

SEND INVOICE TO
Contact Name: SAME
Company:
Address:
City, State, Zip:
Telephone #: Fax #:

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs 8260	SVOCs 8270	FOR LAB USE ONLY
1	OL-STA-60111	6/25	9:30	Sediment		4		X	X	
2	OL-STA-60112	6/25	9:40	Sediment		4		X	X	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

CHAIN OF CUSTODY
Collected by: (Print) Dean Myers
Collector's Signature:
Relinquished by: Date/Time 6/27/07 14:26
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time 6/28/07 1427
Received Contents Verified: 6/28/07 Date/Time 1540
Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☒ Yes ☐ No
Temp Blank ☐ Yes ☒ No
Temp: 7.7 °C HO
Comments:

Form # CS202.01 F:\Groups\QA-QC\Forms\Lims\services\COC-CS202 Effective Date: 7/25/05