Bentley Mall
Tax Lot 217, Section 2, Township 1 South, Range 1 West
2008 Groundwater Monitoring Well and Indoor Air Quality Report
Fairbanks, Alaska
July 2009

ALASKA RESOURCES & ENVIRONMENTAL SERVICES, LLC

SUBMITTED TO:
Alaska Department of Environmental Conservation
Northern Regional Office
Contaminated Sites Program
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1.0 INTRODUCTION

This report was prepared on behalf of Rawson, Blum and Company who has contracted with Alaska Resources & Environmental Services (ARES) to perform groundwater monitoring and indoor air quality monitoring associated with the historical release of chlorinated solvents into the groundwater (ADEC file #102.38.122).

Groundwater samples were collected in 2008 from permanent monitoring wells located both on-site and off-site (three sampling events) and from the air sparge wells located on-site (one sampling event). The groundwater samples were collected for long-term monitoring purposes and to assess SVE/Air sparge system performance.

Indoor air samples were collected in the Bentley Mall East Satellite building and the Wells Fargo Bank to assess indoor air quality. The air samples were laboratory analyzed for PCE and TCE by EPA method TO-15 SIM and consisted of 24-hour time integrated samples.

All monitoring and sparge wells sampled in 2008 were sampled in general accordance with ADEC Oil and Other Hazardous Substances Pollution Control Regulations (18 AAC 75 – amended October 09, 2008).

1.1 Purpose

Groundwater samples were collected to assess remedial system performance and to verify and monitor on-site and off-site contaminant plume. Indoor air samples were collected to assess indoor air quality of buildings located within the source area.

2.0 SITE DESCRIPTION

2.1 Location

The Bentley Mall complex is situated on an approximate 12 acre site located north of College Road near the intersection of the Old Steese Highway (Figure 1). The site as depicted in the U.S. Geological Survey (USGS) Fairbanks D-2 (SE) quadrangle is located in the southwest ¼ of Section 2, Township 1 South, Range 1 West, Fairbanks Meridian. The Mall property includes several satellite buildings in addition to the main mall located in the Bentley Mall complex (Figure 2). The remaining portions of the site are paved. Nearby surface water bodies include Noyes Slough (0.1 miles to the south and west), and the Chena River (0.5 miles to the south).

2.2 History

The ARES report titled *Bentley Mall Site Characterization Report* dated April 2006, presented findings of contamination characteristics on Bentley Mall property and properties located hydraulically down-gradient from the site. The site investigation

included evaluation of impacts to soil, groundwater, surface water, and evaluation of impacts affecting potential receptors such as water wells and buildings.

A contaminant plume consisting primarily of chlorinated volatile organic compounds tetrachlorethene (PCE) and the associated degradation product trichloroethene (TCE), were found to originate on Bentley Mall property in the vicinity of the East Satellite building with a trend to the west in the generalized direction of the groundwater flow.

The leading edge of the plume was found to terminate in Charles Slater Subdivision approximately 2,000 feet (0.37 miles) west of the East Satellite building. The interpreted width of the plume (> 5.0 µg/L PCE, TCE) was determined to be approximately 1,000 feet wide as its maximum point. PCE and TCE were detected above ADEC cleanup levels in soil, groundwater, and the surface water body of Noyes Slough.

In accordance with the work plan submitted June 2006, a soil vapor extraction (SVE) system was installed in September 2006. The SVE system consists of a total of 16 air sparge wells, and nine vapor extraction wells along with associated underground piping and wiring (Appendix A-Figure 2). Operational characteristics of the remedial system were detailed in the *Air-Sparging and Vapor-Extraction System Installation and Start-Up Report* dated January 2007. A Record of Decision (ROD) dated March 1, 2007 was issued by ADEC for the site which included corrective actions required to obtain final site closure.

Sampling events of the permanently installed monitoring wells have been occurring approximately quarterly since February 2007. Historical sampling results are included in Appendix B.

2.3 Topography

The United States Geological Survey (USGS) Fairbanks Quadrangle (D-2) provides topographic map coverage of the site (Figure 1). Fairbanks is located in the northern part of the Tanana Basin, which is a relatively flat floodplain of the Tanana River. The subject property is situated approximately 7 miles north of the Tanana River and 0.5 miles north of the Chena River. Based upon the topographic map of the Fairbanks Quadrangle, the site elevation is approximately 446 feet above the mean sea level.

2.4 Regional Hydrology

The Chena River is the dominant influence on ground-water flow in the subject area. Two discharge peaks characterize the Chena River: spring snowmelt runoff and late summer precipitation. The Noyes Slough also has a local influence on groundwater flow. The stage of Noyes Slough typically rises and falls in response to stage changes of the Chena River. The depth to groundwater varies in response to these controlling factors. Based on interpretation of USGS data, regional groundwater flow direction is generally to the west/northwest direction.

2.5 Site Hydrology

The groundwater elevation ranged from approximately 15-17 feet bgs at the time of the sampling events. Based on groundwater elevations, the groundwater flow is to the west/northwest with a relatively flat gradient of approximately 0.0009 vertical feet/horizontal feet. This is consistent with data obtained from previous groundwater investigations conducted in the area.

3.0 GROUNDWATER SAMPLING

3.1 Scope of Work

To achieve the stated objectives, ARES performed the following tasks:

- Collected groundwater elevations and water quality parameter measurements to include temperature, pH, conductivity, turbidity, dissolved oxygen, and salinity;
- Collected natural attenuation parameters;
- Verified groundwater flow direction by using well elevation data;
- Collection of groundwater samples and duplicate samples. Samples were analyzed for VOC's by method EPA 8260B, TOC by method EPA method 9060, and Methane, Ethane, Ethene by method RSK 175; and
- Data review and report preparation.

3.2 Sampling Method

The monitoring wells were purged and sampled in accordance with the UST Procedures Manual and standard procedures. A peristaltic pump, with new polyethylene tubing and new nitrile gloves were used during the sampling events. Prior to sampling, the groundwater elevation was measured to 0.010 feet using a Heron Model D-T Interface Meter. Well volume was then calculated, and at least three times the well volume was purged prior to sampling. Recharge rates were observed during purging, and water levels measurements taken following sampling. Water parameters were recorded to include temperature, pH, conductivity, turbidity, and salinity using a Horiba Water Meter Model U-10. Dissolved oxygen was measured using a model YSI – 55 dissolved oxygen meter.

Natural attenuation parameters were measured in order to evaluate the relative effectiveness of natural attenuation occurring at the site. Groundwater samples were collected and laboratory analyzed for ethane, ethane, and methane by method RSK-175, and total organic carbon by method EPA 9060. Additional parameters were measured in the field to include the following:

- Alkalinity (Phenolphthalein)
- Alkalinity (Total)
- Carbon Dioxide
- Chloride
- Iron (Ferrous)

- Iron (Total)
- Manganese
- Nitrate
- Nitrite
- Oxidation Reduction Potential
- Sulfate
- Sulfide

Once wells were sufficiently recharged and groundwater parameters stabilized, samples were collected in order of decreasing volatility. The tubing was carefully lowered in to the well to avoid loss of volatiles and water collected from the peristaltic pump was placed directly into lab supplied sample bottles. Volatile samples were collected to avoid any headspace in the bottle. All bottles were labeled and placed in a pre-chilled cooler (at approximately 4°C) and submitted to ADEC approved laboratory following chain of custody (COC) procedures.

Purge water was placed in drums and temporarily stored on-site pending laboratory results, then disposed of at the Golden Heart Utility Wastewater Treatment Plant.

Groundwater samples were collected from the permanent monitoring wells (MW) in May, October, and December of 2008. Groundwater samples were collected from the sparge wells (SW) in June 2008. A blind field duplicate sample was collected per every ten samples for quality assurance/quality control purposes.

Test America of 2000 W International Airport Road Suite A10, Anchorage, Alaska 99502-1119, performed laboratory analysis of groundwater samples. Test America is approved by ADEC to provide testing of soil and water for hazardous substances and petroleum related contaminants. The telephone number for Test America is (907) 563-9200.

3.3 Groundwater Analytical Results

There was no odor or sheen detected from wells or purge water during sampling activities from monitoring wells MW-1 through MW-13 and air-sparge wells SW-1 through SW-16. Purge water ranged from highly silty to nearly clear in appearance. Groundwater elevations between sampling events ranged from approximately 15’-17’ bgs.

All sampling events described in this report were analyzed for VOC by method EPA 8260B, TOC by method EPA 9060, and Methane, Ethane, Ethene by method RSK 175. A summary of 2008 groundwater sample results are shown in Tables 1, 2. A summary to include historical sample results is included in Appendix B. Natural attenuation parameters are shown in Appendix C. Well data sheets are included in Appendix D and complete analytical results in Appendix E.

Table 1
Groundwater Monitoring Well Analytical Results Summary 2008
(Results shown as µg/L)

Summary of PCE, TCE Constituents Detected in Groundwater MW Wells			
Location	**Date Sampled**	**PCE (µg/L)**	**TCE (µg/L)**
MW-1	05/19/08	2.40	ND
	10/06/08	**5.54**	ND
	12/18/08	4.51	ND
MW-2	05/19/08	**638**	4.65
	10/06/08	**1,050**	4.59
	12/18/08	**814**	ND
MW-3	05/19/08	1.78	ND
	10/06/08	1.32	ND
	12/18/08	3.20	ND
MW-4	05/19/08	**63.4**	**71.5**
	10/06/08	**139**	**7.94**
	12/18/08	**128**	**11.9**
DUP	12/18/08	**135**	**15.1**
MW-5	05/20/08	**6.21**	ND
	10/07/08	**5.57**	ND
	12/19/08	3.89	ND
DUP	12/19/08	3.82	ND
MW-6	05/20/08	**11.3**	ND
	10/07/08	3.22	ND
	12/19/08	*	*
MW-7	05/20/08	4.97	4.33
	10/07/08	3.81	2.71
	12/19/08	4.20	3.22
MW-8	05/20/08	3.46	ND
	10/07/08	1.54	ND
	12/19/08	1.59	ND
MW-9	05/21/08	**72.4**	**16.0**
	10/08/08	**12.4**	2.99
DUP	10/08/08	**10.8**	2.74
	12/19/08	**15.6**	**7.12**
MW-10	05/21/08	**94.0**	**15.5**
DUP	05/21/08	**98.2**	**15.7**
	10/08/08	**96.2**	**16.8**
	12/20/08	**100**	**16.4**
MW-11	05/21/08	**7.73**	1.73
	10/08/08	**15.5**	2.74
	12/20/08	3.43	ND
MW-12	05/21/08	**851**	**60.7**
DUP	05/21/08	**870**	**61.1**
	10/08/08	**308**	**26.9**
	12/20/08	**252**	**22.7**
MW-13	05/21/08	**24.3**	ND
	10/08/08	**52.1**	ND
DUP	10/08/08	**53.4**	ND
	12/20/08	**61.5**	ND
ADEC Cleanup Goals		5.0	5.0

µg/L – Micrograms/Liter (Equivalent to ppb)
ND - Compound was not detected (less than the practical quantitation limit)
Results above ADEC Regulatory Limit in **Bold**.
N/A – Not Applicable
Dup – Duplicate field blank sample
* No water in well casing- no sample collected

Table 2
Groundwater Air Sparge Well Analytical Results Summary 2008
(Results shown as µg/L)

Summary of Constituents Detected in Groundwater SW Wells			
Location	**Date Sampled**	**PCE (µg/L)**	**TCE (µg/L)**
SW-1	06/09/08	**7.52**	ND
SW-2	06/09/08	1.48	ND
SW-3	06/09/08	4.46	ND
DUP	06/09/08	**6.16**	ND
SW-4	06/09/08	**8.26**	ND
SW-5	06/09/08	**1,330**	1.56
SW-6	06/09/08	**159**	ND
SW-7	06/09/08	**41.5**	**41.4**
SW-8	06/09/08	**21.8**	1.73
DUP	06/09/08	**22.8**	1.43
SW-9	06/10/08	**10.5**	ND
SW-10	06/10/08	3.59	ND
SW-11	06/10/08	**20.9**	ND
SW-12	06/10/08	**24.4**	ND
SW-13	06/10/08	**9.62**	ND
SW-14	06/11/08	**12.6**	ND
SW-15	06/11/08	1.18	ND
SW-16	06/11/08	**11.3**	ND
ADEC Cleanup Goals		5.0	5.0

µg/L – Micrograms/Liter (Equivalent to ppb)
ND - Compound was not detected (less than the practical quantitation limit)
Results above ADEC Regulatory Limit in **Bold**.
N/A – Not Applicable
Dup – Duplicate field blank sample

3.4 Quality Assurance / Quality Control

Field quality control (QC) procedures for this project included the collection and analysis of field duplicates and trip blanks, which accompanied the samples in the field. A total of eight field duplicates (DUPs) were collected for quality control purposes for the four sampling events. The QC samples were analyzed to assess the quality of sample collection and handling, as well as the accuracy and precision of the laboratory's analytical procedures.

Precision, expressed as the relative percent difference (RPD) between field duplicate sample results, is an indication of the consistency of sampling, sample handling, preservation, and laboratory analysis. As required by the 18AAC 78 and the UST Procedures Manual, field quality control sampling consisted of 10% field duplicates and 5% trip blanks. The RPD's were calculated for both PCE and TCE for each duplicate sample. Three of the RPD calculations were not calculable due to non-detect values for one or both samples.

Analysis of the trip blanks showed no analytes above the practical quantitation limit (PQL). Thus, there is no indication that cross-contamination among samples occurred

The following blind field duplicates and associated RFD calculations are as follows:

Table 3
Groundwater RPD calculations

Sample ID	Compound	Equation	RPD
MW-10 & DUP 05/2008	PCE	(98.2 – 94.0)/[(98.2 + 94.0)/2] x 100 =	4.37%
	TCE	(15.7 – 15.5)/[(15.7 + 15.5)/2] x 100 =	1.28%
MW-12 & DUP 05/2008	PCE	(870 – 851)/[(870 + 851)/2] x 100 =	2.21%
	TCE	(61.1 – 60.7)/[(61.1 + 60.7)/2] x 100 =	0.657%
SW-03 & DUP 06/2008	PCE	(6.16 – 4.46)/[(6.16 + 4.46)/2] x 100 =	**32.0%**
	TCE	Not Calculable Due to Non-detect Values	N/A
SW-08 & DUP 06/2008	PCE	(22.8 – 21.8)/[(22.8 + 21.8)/2] x 100 =	4.48%
	TCE	(1.73 – 1.43)/[(1.73 + 1.43)/2] x 100 =	19.0%
MW-9 & DUP 10/2008	PCE	(12.4 – 10.8)/[(12.4 + 10.8)/2] x 100 =	13.8%
	TCE	(2.99 – 2.74)/[(2.99 + 2.74)/2] x 100 =	8.73%
MW-13 & DUP 10/2008	PCE	(53.4 – 52.1)/[(53.4 + 52.1)/2] x 100 =	2.46%
	TCE	Not Calculable Due to Non-detect Values	N/A
MW-4 & DUP 12/2008	PCE	(135 – 128)/[(135 + 128)/2] x 100 =	5.32%
	TCE	(15.1 – 11.9)/[(15.1 + 11.9)/2] x 100 =	23.7%
MW-5 & DUP 12/2008	PCE	(3.89 – 3.82)/[(3.89 + 3.82)/2] x 100 =	1.82%
	TCE	Not Calculable Due to Non-detect Values	N/A

The recommended range for RPD for water analysis is < 30%. The RPD was outside the range for one of the RPD calculations. Three of the RPD calculations were not calculable due to non-detect values for one or both samples.

Laboratory quality assurance included the procedures outlined in the laboratory's ADEC-approved standard operating procedures documentation. As presented in the laboratory report's QC summary sheet, the laboratory QC parameters fell within the acceptable limits.

3.5 Groundwater Results Analysis

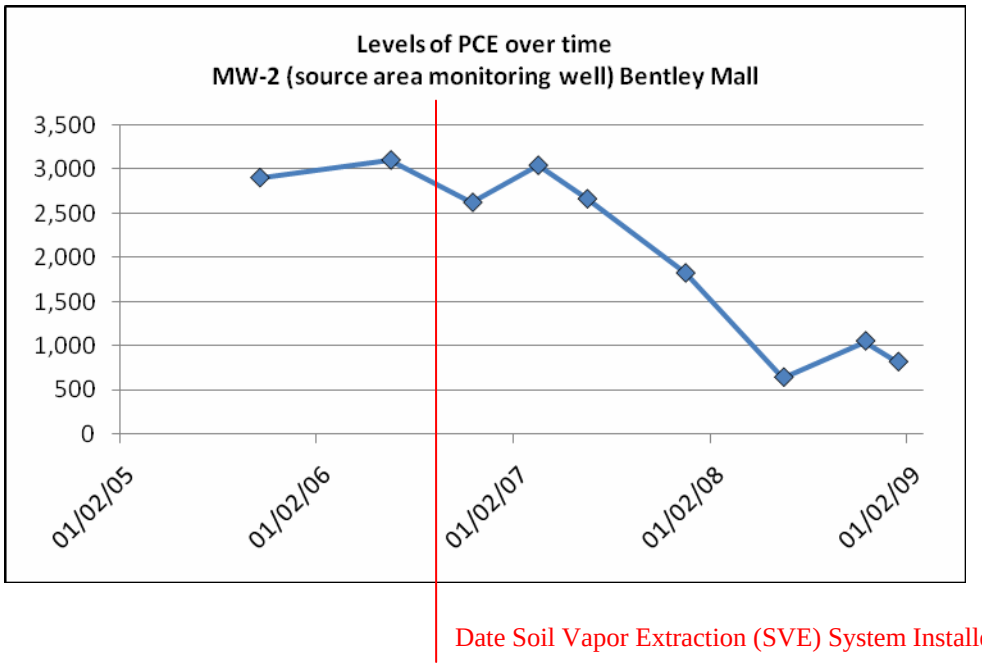
Groundwater sample results for 2008 in general, showed an overall decrease in levels of both PCE and TCE (Appendix B). Levels of PCE in the source area (MW-2) were reduced by approximately 69% over 2006 levels. Levels of PCE in the source area were reduced by approximately 47% over 2007 levels. Graph 1 depicts the general trend for PCE levels in MW-2 since the installation of the SVE / Air-sparge system.

The sample dates with corresponding levels of PCE in groundwater are shown in Table 4

Table 4
MW-2 Historical PCE Sample Results

Well	Sample Date	PCE µg/L
MW-2	09/22/05	2,900
	05/15/06	3,100
	10/16/06	2,620
	02/08/07	3,040
	05/23/07	2,660
	11/05/07	1,820
	05/19/08	638
	10/06/08	1,050
	12/18/08	814

Graph 1
MW-2 PCE groundwater results over time



It should be noted that spikes in PCE levels may be attributed to seasonal variations in groundwater table conditions. Both spikes in PCE levels following installation of the SVE/Air sparge system occurred during May sampling events.

4.0 INDOOR AIR / SVE SAMPLING

4.1 Scope of Work

To achieve the stated objectives, ARES performed the following tasks:

- Collected five (5) 24-hour time integrated indoor air samples using 6 liter summa canisters (laboratory provided) during winter and summer scheduled sampling events;
- Collected two (2) grab air samples from the SVE system influent and effluent sampling ports using 6 liter summa canisters (laboratory provided) during the January 2008 sampling event;
- 24-hour time integrated samples were analyzed for PCE and TCE by EPA method TO-15 SIM. Grab samples were analyzed for chlorinated VOC's by EPA method TO-15 SIM; and
- Data review and report preparation.

4.2 Sampling Method

Indoor air samples were collected in January 2008 and July 2008 from buildings located within the core area of the plume and analyzed for PCE and TCE using EPA Method TO-15 to evaluate potential for vapor intrusion. The buildings evaluated included the East Satellite building and the Wells Fargo Bank; both of which are located on Bentley Mall property.

The indoor air samples were collected from separate locations throughout the buildings using 6-liter summa canisters with an attached regulated flow control devise. The summa canisters were placed in the same location as previous sampling events to maintain consistency in sampling and for purposes of comparison (Figure 3).

A 24-hour time integrated indoor air sample was taken and subsequently laboratory analyzed for PCE and TCE compounds using the Modified EPA TO-15 Sim method. Laboratory analysis was conducted by Columbia Analytical Services located at 2655 Park Center Drive Suite A, Simi Drive, Ca 90365-0960. The contact number for Columbia Analytical Services is (805) 526-7161.

4.3 Indoor Air Analytical Results

Three indoor air samples were collected from Wells Fargo Bank and two samples from the East Satellite building during each sampling event (Figure 3). Samples were collected to determine indoor air quality. Samples were collected using 6 liter suma-canisters with flow controller and consisted of 24-hour time integrated samples.

Two air samples (VS1-CI-12008 and VS2-CE-12008) were also collected from the SVE system influent and effluent ports to monitor system performance in January 2008. Samples were analyzed for chlorinated VOC's and consisted of grab samples.

A summary of indoor air sampling results is shown in Table 5. Grab sample results collected from the SVE system are discussed in a separate SVE system performance report. The laboratory results are shown in Attachment F.

Table 5
Indoor Air Monitoring Analytical Historical Results
(Results shown as µg/m^3)

Sample Location	Sample Date	PCE µg/m^3	TCE µg/m^3
WFB-1	07/15/05	6.7	**0.92**
	06/13/06	**15**	0.15
	02/20/07	**12.0**	0.090
	01/30/08	4.5	0.054
	07/07/08	1.2	0.058
WFB-2	07/15/05	5.6	**0.87**
	06/13/06	**15**	0.15
	02/20/07	7.2	0.096
	01/30/08	5.0	0.035
	07/07/08	0.96	0.037
WFB-3	07/15/05	6.4	0.091
	06/13/06	**15**	0.15
	03/20/07	**9.7**	0.10
	01/30/08	4.3	0.046
	07/07/08	1.3	0.041
ADEC/ EPA *Cleanup Levels		8.1	0.22

Sample Location	Sample Date	PCE µg/m^3	TCE µg/m^3
ES-1	07/15/05	**15.0**	**1.4**
	06/13/06	**14**	ND <0.83
	02/20/07	**9.3**	ND <0.93
	01/30/08	3.2	0.054
	07/07/08	**13**	ND <0.39
ES-2	07/15/05	**11**	**0.65**
	06/13/06	**14.0**	ND <0.82
	02/20/07	**9.2**	ND <0.98
	01/30/08	3.2	0.051
	07/07/08	**13**	ND <0.37
ADEC/ EPA *Cleanup Levels		8.1	0.22

µg/m^3 – Micrograms/cubic meter
ND - Compound was not detected (less than the practical quantitation limit)
Results above EPA Regulatory Limit in **Bold**.
* EPA: "Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils", November 2002
N/A – Not Applicable

4.4 Quality Assurance / Quality Control

Field quality control (QC) procedures for this project included the analysis of a laboratory duplicate and method blank for each sampling event. A total of one laboratory duplicate (DUP) was analyzed for quality control purposes for each sampling event. The QC sample was analyzed to assess the accuracy and precision of the laboratory's analytical procedures.

Precision, expressed as the relative percent difference (RPD) between laboratory duplicate sample results, is an indication of the consistency of laboratory analysis. The RPD's for duplicates collected as part of this investigation fell within the acceptable range for the RPD calculation. Analysis of the method blanks showed no analytes above the practical quantitation limit (PQL).

The following laboratory duplicates and associated RFD calculations are as follows:

Table 6
Indoor Air RPD Calculations

Sample ID	Compound	Equation	RPD
WFB-1-12008 & DUP 01/2008	TCE	(.0535 – .0515)/[(.0535 + .0515)/2] x 100 =	3.81%
	PCE	(4.55 – 4.46)/[(4.55 + 4.46)/2] x 100 =	2.00%
ES-2-72008 & DUP 07/2008	TCE	Not calculable due to non-detect values for one or both samples.	N/A
	PCE	(12.6 – 12.5)/[(12.6 + 12.5)/2] x 100 =	0.797%
	PCE	(7.05 – 7.00)/[(7.05 + 7.00)/2] x 100 =	0.712%

The recommended range for RPD for air analysis is < 25%. The RPD fell within that range with the RPD calculations.

Laboratory quality assurance included the procedures outlined in the laboratory's ADEC-approved standard operating procedures documentation. As presented in the laboratory report's QC summary sheet, the laboratory QC parameters fell within the acceptable limits.

Method blanks and surrogate recovery were within acceptable laboratory limits.

4.5 Indoor Air Results Analysis

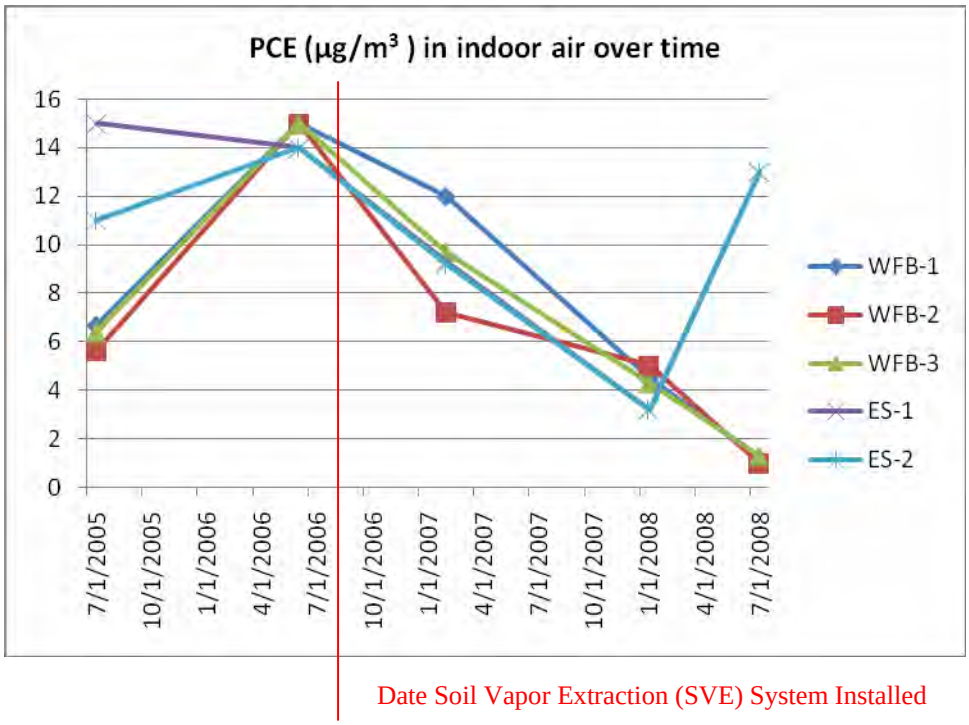
As of January 2008, levels for indoor air samples collected in the Wells Fargo Bank building were found to be below the EPA target level for PCE and TCE. Samples collected in July 2008 from the East Satellite building were above the EPA target level for PCE and below the EPA target level for TCE. The January 2008 indoor air sampling event for the East Satellite building was below the EPA target level for both PCE and TCE. The EPA target level (risk factor = 1 X 10E -05) for PCE is 8.1 µg/m³ and TCE is 0.22 µg/m³. The EPA target level is based on both the prescribed risk level and the target

hazard index, as shown in Table 2b of the EPA *Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils.*

Graph 2 depicts the general trend of PCE levels in the East Satellite building and the Wells Fargo Bank building since the installation of the SVE / Air-sparge system.

The sample dates with corresponding levels of PCE in air are shown in Table 5.

Graph 2
PCE results in indoor air over time for all sampled locations



ES = East Satellite building
WFB = Wells Fargo Bank

5.0 RESIDENTIAL BASEMENT SURVEY

ARES completed the ADEC requested survey to identify residences with basements located within the contaminant plume area of Charles Slater Subdivision. Charles Slater Subdivision is the residential neighborhood located adjacent and south of Noyes Slough.

The purpose of the survey was to determine the number and location of residences with basements to assess the potential for vapor intrusion. The survey consisted of a door to door survey along with visual observation of basement windows.

5.1 Residential Survey Results

A total of 36 residences with basements were identified within the subject area. Physical addresses of residences with basements are shown in Table 7. The location of the residences with basements is plotted on PCE iso-contour map as shown in Figure 4.

Table 7
Locations of Residential Basements

List of Residential Properties				
01	615 Betty Street		19	703 Fulton Street
02	715 Betty Street		20	108 Ina Street
03	111 Charles Street		21	125 Ina Street
04	115 Charles Street		22	130 Ina Street
05	120 Charles Street		23	201 Ina Street
06	125 Charles Street		24	217 Ina Street
07	135 Charles Street		25	224 Ina Street
08	214 Charles Street		26	236 Ina Street
09	219 Charles Street		27	242 Ina Street
10	223 Charles Street		28	307 Ina Street
11	224 Charles Street		29	323 Ina Street
12	302 Charles Street		30	302 Noyes Street
13	313 Charles Street		31	311 Noyes Street
14	314 Charles Street		32	315 Noyes Street
15	319 Charles Street		33	320 Noyes Street
16	320 Charles Street		34	640 Noyes Street
17	323 Charles Street		35	625 Noyes Street
18	612 Fulton Street		36	516 Noyes Street

5.2 Residential Survey Results Analysis

According to the PCE iso-contour map based on groundwater results, 10 residences with basements were identified within the area between 10 and 100 µg/L PCE and one residential basement was identified in the area between 100 and 200 µg/L PCE. A total of eight residences with basements exist in the area between 5 and 10 µg/L PCE. The remaining 17 basements identified exist outside the limits of detection (below 5 µg/L PCE.).

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Groundwater

Based on sample results collected in 2008, there was an overall reduction in levels of PCE and TCE in groundwater. The highest level of PCE detected in 2007 was 3,040 µg/L from MW-2 located in the source area. The highest level of PCE detected in 2008 was 814 µg/L from MW-2, thus indicating a significant reduction of PCE in the source area in 2008. The down-gradient well MW-12 located south of College Road also showed a sharp reduction of PCE in groundwater. Groundwater samples collected from MW-10 and MW-11 located in Charles Slater Subdivision, south of Noyes Slough, had relatively similar levels of PCE in groundwater compared to 2007 results.

6.2 Indoor Air

Sample results for indoor air samples collected in January and July 2008 from the Wells Fargo Bank indicate that levels of PCE and TCE were below the recommended EPA regulatory limits (EPA Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils, November 2002).

Sample results for indoor air samples collected in 2008 from the East Satellite building indicate that levels of TCE were below the recommended EPA regulatory limits. Levels of PCE were above the recommended limit for the July 2008 sampling event, but below EPA recommended limits in January 2008. It had noted previously that the East Satellite building houses a wedding and tuxedo rental business and a nail salon, both of which has documented use of chemicals containing various VOCs.

6.3 Residential Survey

The survey result of residences with basements located in Charles Slater Subdivision; indicate that there are a total of eleven (11) residences within the area of the contaminant plume having > 10 µg/L PCE in groundwater, one of which is located within the100 µg/L and 200 µg/L PCE groundwater contour.

6.4 Air Sparge / SVE System

Due to the expansion of Wells Fargo Bank building, the air sparge / SVE system will need to modified accordingly to include the decommissioning and replacement of wells and associated piping. The proposed changes would include the following:

- Install Vapor Extraction Wells VE-10 and VE-11; and
- Convert Vadose Monitoring Well VM-F to Vapor Extraction Well VE-12.

Wells to be installed and decommissioned will be done in accordance with ADEC guidance document *Monitoring Well Design & Construction for Investigation of Contaminated Sites November 2008.* Design characteristics for SVE wells and piping will be identical to initial system installation. Proposed changes are shown in Figure 6.

ARES recommends the following:

- Schedule quarterly groundwater sampling events of monitoring wells for VOC analysis for the remainder of 2009.
- Schedule annual groundwater sampling event of air sparge wells for VOC analysis. Groundwater results will be used for trend analysis of the contaminant plume and to monitor remediation system performance.
- Schedule indoor air sampling for Wells Fargo Bank and East Satellite building (July 2009).
- ARES recommends further discussion with ADEC regarding potential for vapor intrusion in residences and need for additional analysis.
- ARES recommends acceptance of proposed changes to the Sparge/SVE system associated with the Wells Fargo Bank expansion.

7.0 LIMITATIONS OF INVESTIGATION

This report presents the analytical results from a limited number of groundwater and air samples, and should not be construed as a comprehensive study of groundwater or air quality at the site. The samples were intended to evaluate the presence or absence of contaminants at the locations selected. Detectable levels of analyzed constituents may be present at other locations. It was also not the intent of our sampling and testing to detect the presence of groundwater or air affected by contaminants other than those for which laboratory analysis were preformed. No conclusions can be drawn on the presence or absence of other contaminants. This is not a geotechnical study.

The data presented in this report should be considered representative of the time of our site observations and sample collection. Changes in site conditions can occur with time because of natural forces or human activity. ARES reserves the right to modify or alter conclusions and recommendations should additional data become available.

This report was prepared for the exclusive use of Rawson, Blum and Company and its representatives. If it is made available to others, it should be for information on factual data only and not as a warranty of subsurface conditions.

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Qualifications & Signature of Environmental Professional

Lyle Gresehover is an ADEC 'Qualified Person' and has extensive field experience as an environmental project manager and has worked on all aspects of environmental assessments, investigations, and clean-up efforts.

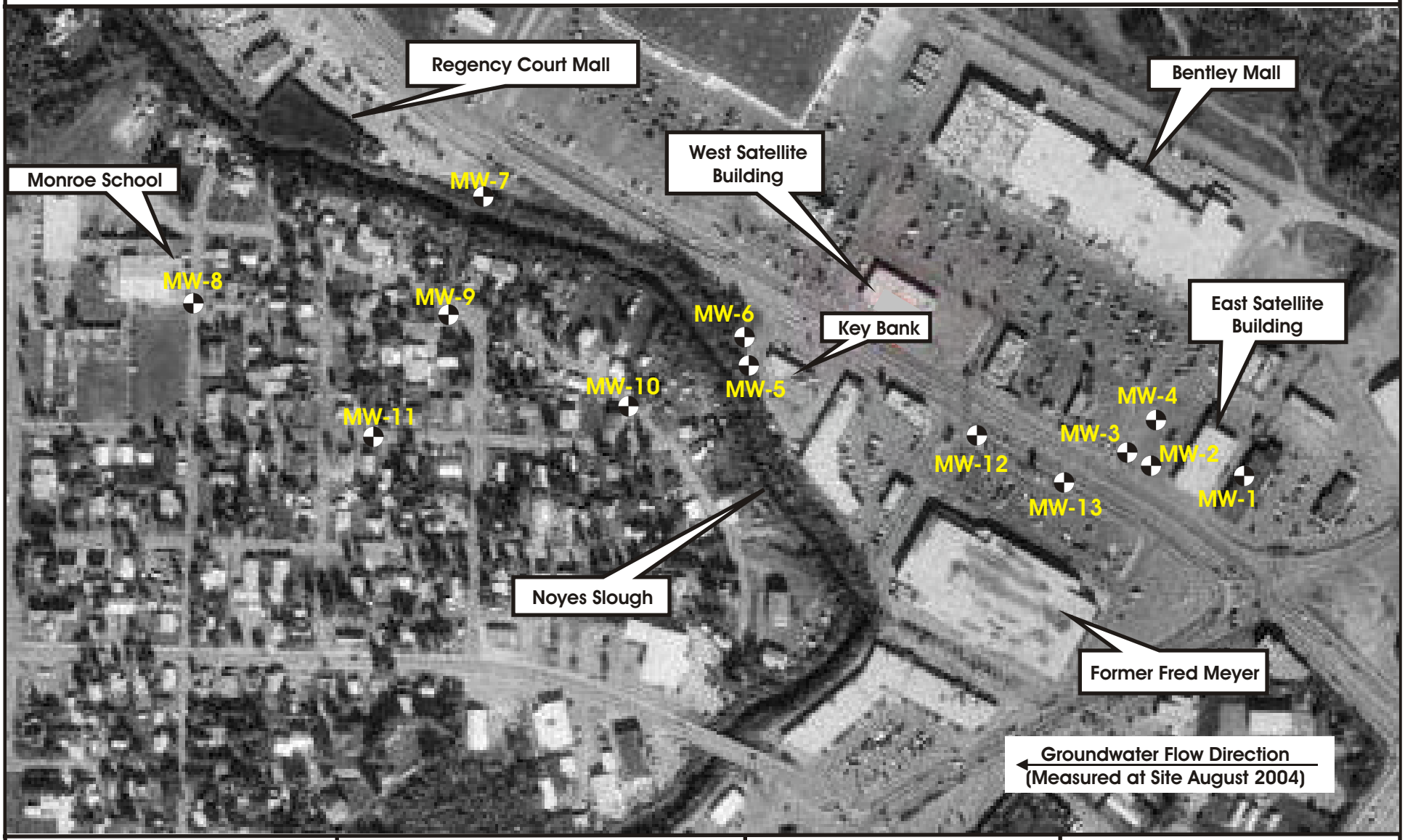
Sincerely,

Lyle Gresehover
Alaska Resources and Environmental Services, LLC

APPENDIX A

Figures

Groundwater Monitoring Wells
Site Map



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KEY

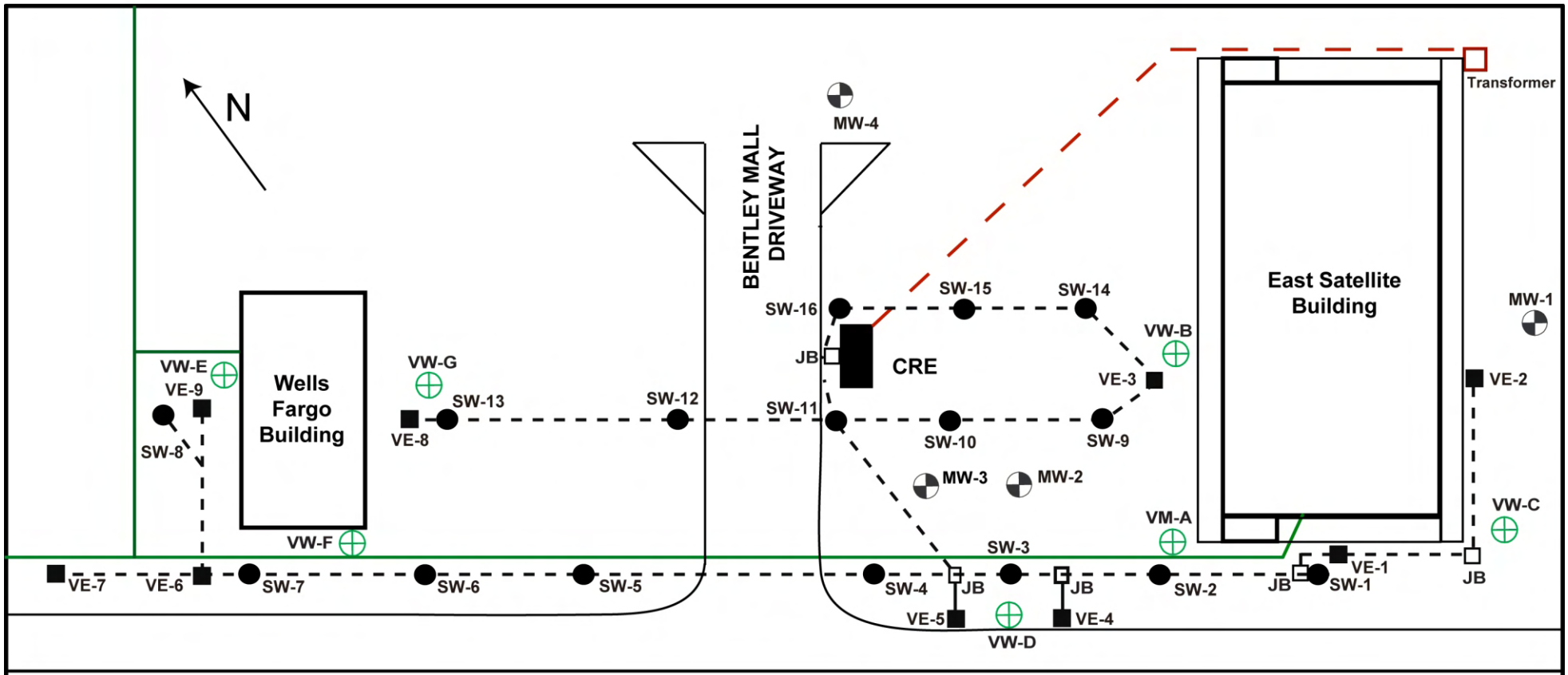
N
W E
S

Permanent Groundwater Monitoring Well

Groundwater Sampling Report 2008
Bentley Mall
Fairbanks, AK 99701
July 2009

FIGURE 1

Monitoring Well Site Location Map
MW-01- MW-13

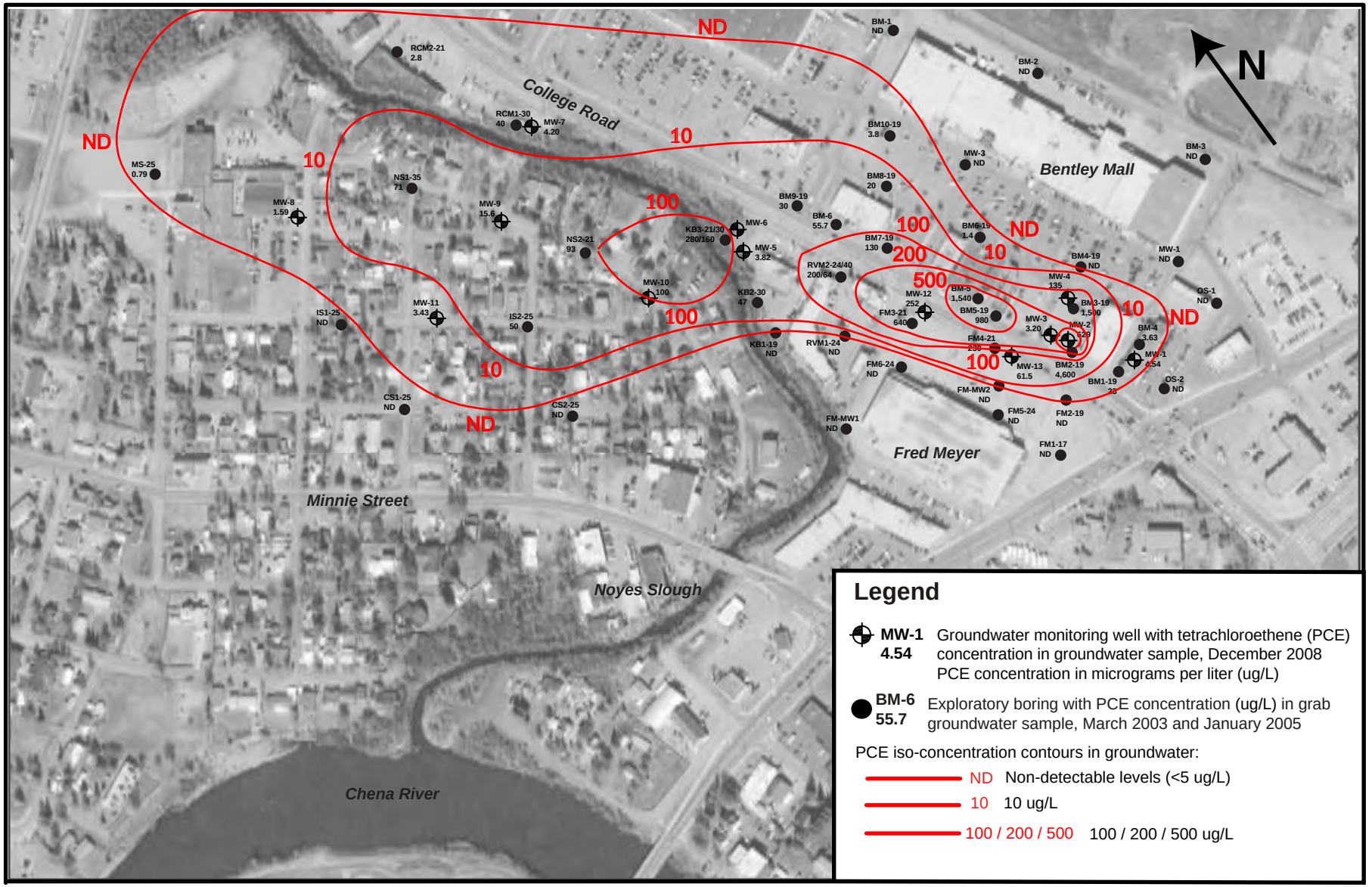


Legend

- SW-1 — Air-Sparging Well (08-09/06)
- VE-1 — Vapor-Extraction Well (08-09/06)
- VM-A — Vadose Monitoring Well (08-09/06)
- MW-1 — Groundwater Monitoring Well (09/05)
- CRE — Containerized Remediation Equipment
- Air Sparging and Vapor Extraction Piping Trench (08-09/06)
- Wastewater Sewer Line
- 230 VAC 3-Phase Power Supply
- JB — System Piping Junction Box (08-09/06)

FIGURE 2

Layout of Air Sparging and Vapor Extraction System
Bentley Mall, Fairbanks, Alaska



Legend

MW-1 4.54 Groundwater monitoring well with tetrachloroethene (PCE) concentration in groundwater sample, December 2008 PCE concentration in micrograms per liter (ug/L)

BM-6 55.7 Exploratory boring with PCE concentration (ug/L) in grab groundwater sample, March 2003 and January 2005

PCE iso-concentration contours in groundwater:

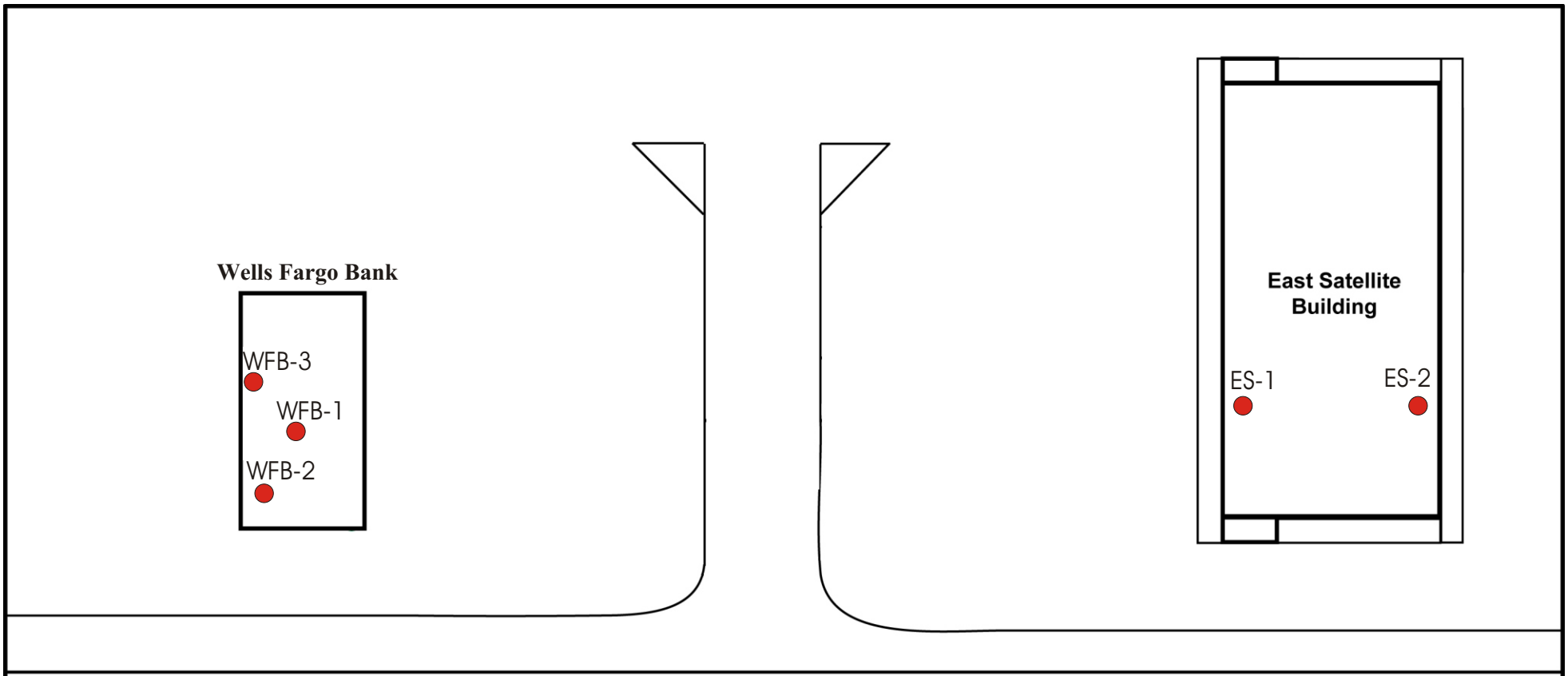
- ND — Non-detectable levels (<5 ug/L)
- 10 — 10 ug/L
- 100 / 200 / 500 — 100 / 200 / 500 ug/L

ERG
Environmental Resource Group
(415) 381-6574

Figure 3: Tetrachloroethene Iso-Concentration Contour Map for Groundwater Monitoring Wells, December 2008 Bentley Mall, Fairbanks, Alaska

Scale in feet: 0 — 400

Date:	Project:	Notes:
July 2009	Bentley Mall	The tetrachloroethene (PCE) iso-concentration contour pattern was based on the December 2008 samples from the groundwater monitoring wells, augmented by the March 2003 and January 2005 samples from exploratory borings.



Legend

- Air Sample Location

Bentley Mall
Fairbanks, AK 99701

July 2009

Scale in Feet
0 45

FIGURE 4
Indoor Air Sample Location Map

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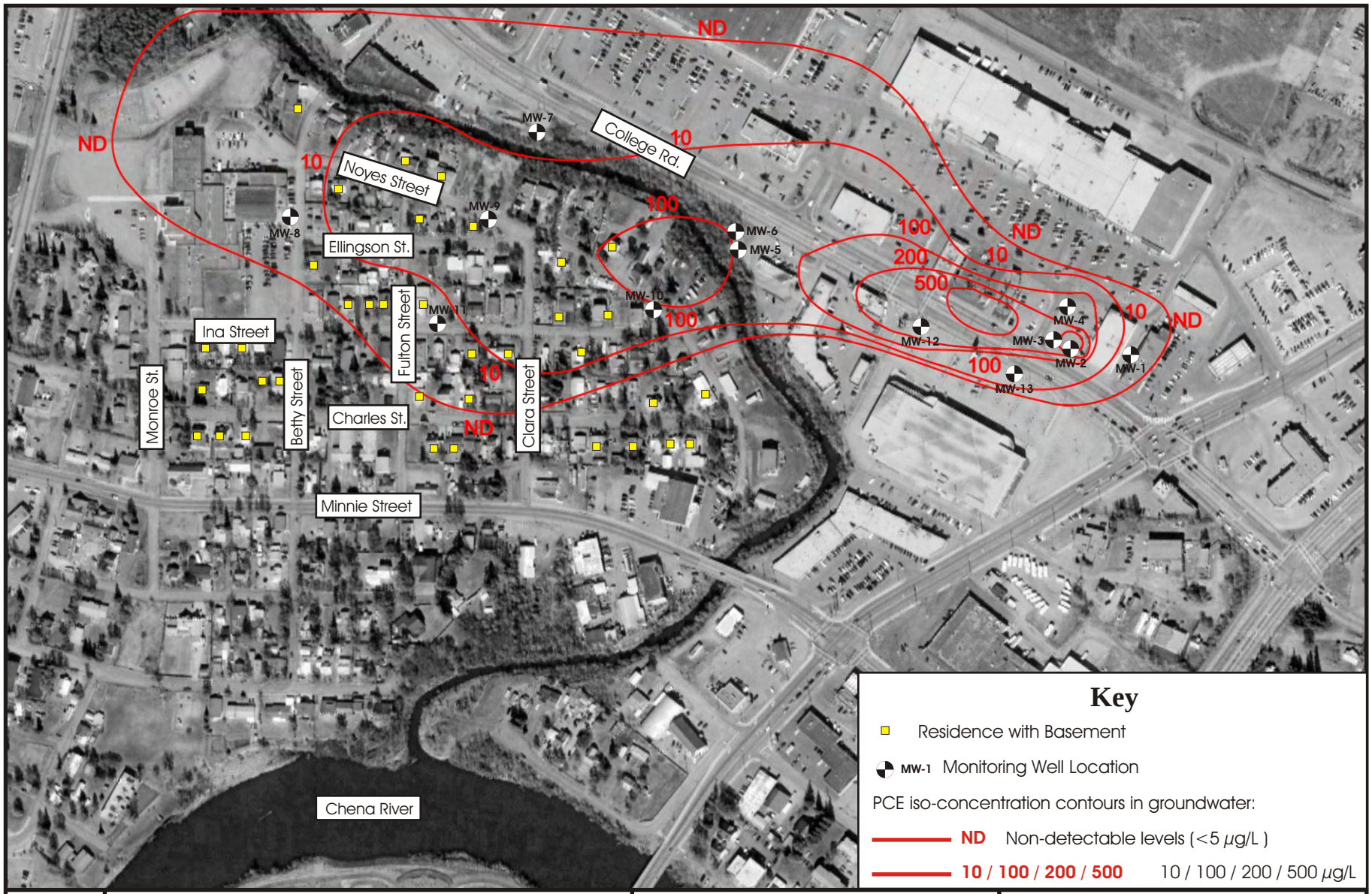

N
W E
S

Residential Basement Map with PCE Iso-concentration Contours
Charles Slater Subdivision, Fairbanks, AK

Scale in Feet:

0 200 400 600 800 1000

Bentley Mall
Fairbanks, AK 99701

June 2009

FIGURE 5

ARES
Alaska Resources and Environmental Services, LLC
284 Topside
Fairbanks AK 99701

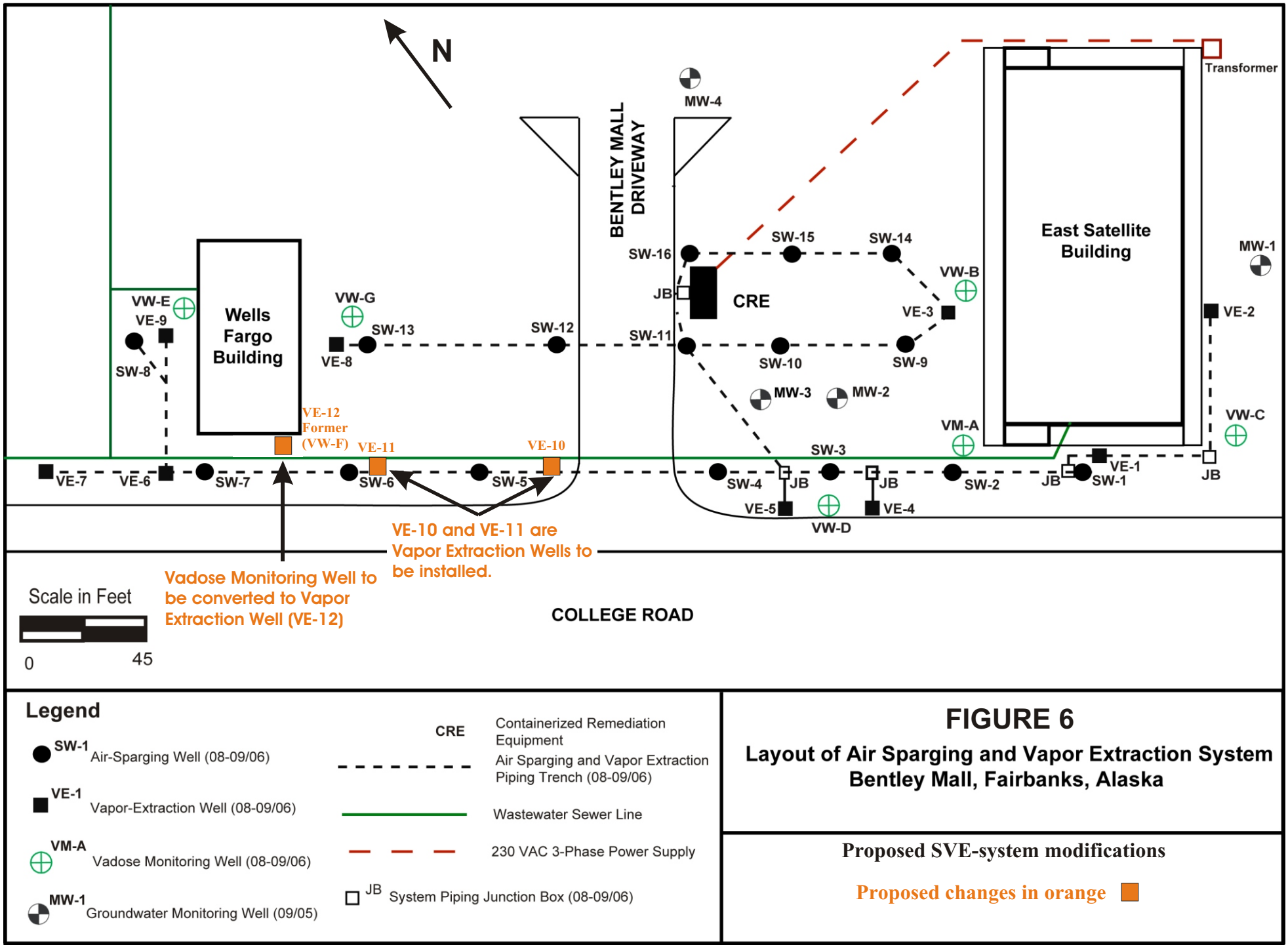

FIGURE 6

Layout of Air Sparging and Vapor Extraction System Bentley Mall, Fairbanks, Alaska

Proposed SVE-system modifications

Proposed changes in orange

APPENDIX B

Historical Summary of Analytical Results

TABLE 1
Groundwater Monitoring Well Samples
Analytical Results through December 2008
Bentley Mall, Fairbanks, Alaska

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	09/20/05	**31**	ND <0.16	ND <0.33	ND <0.48	**2.0**	**17**	**31**	ND <0.17	**0.98 J**	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	**17**	ND <0.16	ND <0.33	ND <0.48	ND <0.20	**35**	**86**	ND <0.17	**2.0**	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	**45.6**	ND <0.200	ND <0.200	ND <0.200	**3.01**	**14.4**	**53.7**	ND <0.200	**0.820**	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/08/07	**10.2**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**27.7**	**25.8**	ND <1.00	**1.77**	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/23/07	**6.37**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**22.9**	**13.3**	ND <1.00	**1.20**	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/05/07	**3.53**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**14.1**	**13.5**	ND <1.00	**1.38**	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/19/08	**2.40**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**38.0**	**9.99**	ND <1.00	**2.23**	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0) **(2)**
	10/06/08	**5.54**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**7.52**	**12.7**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/18/08	**4.51**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**14.3**	**12.7**	**2.57**	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0) **(8)**
MW-2	09/22/05	**2,900**	**15**	**21**	ND <0.48	ND <0.2	**0.40 J**	**39**	**0.47 J**	ND <0.16	**2.3 J**	**0.15 J**	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	**3,100**	**13**	**12**	ND <0.48	ND <0.20	ND <0.30	**55**	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	**2,620**	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <50.0	ND <20.0	ND <20.0	ND <1,000	ND <20.0	ND <20.0	ND <50.0	ND (<20.0 to <500)
	02/08/07	**3,040**	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <20.0	**29.4**	ND <20.0	ND <20.0	ND <500	ND <20.0	ND <20.0	ND <200	ND (<20.0 to <200)
Dup	02/08/07	**3,620**	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <20.0	**30.6**	ND <20.0	ND <20.0	ND <500	ND <20.0	ND <20.0	ND <200	ND (<20.0 to <200)
	05/23/07	**2,660**	ND <20.0	ND <20.0	ND <20.0	ND <20.0	ND <20.0	**22.2**	ND <20.0	ND <20.0	ND <500	ND <20.0	ND <20.0	ND <200	ND (<20.0 to <80.0)
	11/05/07	**1,820**	**5.94**	**7.29**	ND <1.00	ND <1.00	**1.95**	**18.9**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
Dup	11/08/07	**1,250**	**6.23**	**6.94**	ND <1.00	ND <1.00	**1.91**	**20.6**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/19/08	**638**	**4.65**	**5.54**	ND <1.00	ND <1.00	**1.43**	**15.8**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0) **(3)**
	10/06/08	**1,050**	**4.59**	**6.43**	ND <1.00	ND <1.00	**4.77**	**14.3**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/18/08	**814**	ND <1.00	**3.97**	ND <1.00	ND <1.00	**1.52**	**6.82**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0) **(9)**
MW-3	09/22/05	**4.1**	ND <0.16	ND <0.33	ND <0.48	**0.74 J**	**2.9**	ND <0.23	ND <0.17	ND <0.16	**3.2 J**	**1.0**	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	**9.0**	ND <0.16	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	**0.330**	**0.270**	**0.510**	ND <0.200	**0.690**	ND <0.200	**0.850**	ND <0.200	ND <0.200	ND <10.0	**0.460**	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/08/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND(<1.00 to <10.0)
	05/23/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND(<1.00 to <10.0)
	11/05/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.22**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/19/08	**1.78**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0) **(4)**
	10/06/08	**1.32**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/18/08	**3.20**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**2.71**	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	09/24/05	**290**	**5.5**	ND <0.33	ND <0.48	ND <0.20	ND <0.30	**2.1**	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	**130**	**62**	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	**400**	**12.6**	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <5.00	ND <2.00	ND <2.00	ND <100	ND <2.00	ND <10.0	ND <5.00	ND (<2.00 to <50.0)
	02/09/07	**281**	**15.1**	ND <2.00	ND <2.00	ND <2.00	ND <2.00	**2.88**	ND <2.00	ND <2.00	ND <50.0	ND <2.00	ND <2.00	ND <20.0	ND (<2.00 to <10.0)
	05/24/07	**113**	**68.0**	**2.97**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND(<1.00 to <25.0)
Dup	05/26/07	**167**	**33.6**	**1.58**	ND <1.00	ND <1.00	ND <1.00	**1.74**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND(<1.00 to <10.0)
	11/06/07	**227**	**10.9**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**2.61**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND(<0.200 to <10.0)
	05/19/08	**63.4**	**71.5**	**2.86**	ND <1.00	ND <1.00	ND <1.00	**1.10**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND(<1.00 to <10.0)
	10/06/08	**139**	**7.94**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**3.88**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/18/08	**128**	**11.9**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**4.46**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
Dup1	12/18/08	**135**	**15.1**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**4.16**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
MW-5	09/24/05	**210**	**31**	**4.0**	ND <0.48	**0.57 J**	ND <0.30	**2.6**	ND <0.17	ND <0.16	ND <0.73	**0.35 J**	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/15/06	**210**	**52**	**3.0**	ND <0.48	ND <0.20	ND <0.30	**8.3**	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
Dup	05/15/06	**280**	**34**	ND <3.3	ND <4.8	ND <2.0	ND <3.0	ND <2.3	ND <1.7	ND <1.6	ND <7.3	ND <1.5	ND <2.3	ND <2.4	ND (<0.82 to <6.2)
	10/16/06	**146**	**18.6**	**2.52**	ND <0.800	ND <0.800	ND <0.800	**5.04**	ND <0.800	ND <0.800	ND <40.0	ND <0.800	ND <4.00	ND <2.00	ND (<0.800 to <20.0)
	02/09/07	**39.4**	**3.87**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/23/07	**29.6**	**2.47**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/06/07	**20.3**	**1.54**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**2.14**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/20/08	**6.21**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	10/07/08	**5.57**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/19/08	**3.89**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**2.56**	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
Dup2	12/19/08	**3.82**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
MW-6	09/24/05	**64**	**5.6**	**1.3 J**	ND <0.48	ND <0.20	ND <0.30	**1.0 J**	ND <0.17	ND <0.16	**12 J**	ND <0.15	**0.33 J**	ND <0.24	ND (<0.082 to <0.62)
Dup1	09/24/05	**57**	**5.3**	**1.5 J**	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	**4.4 J**	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/16/06	**54**	**4.1**	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/16/06	**66.1**	**4.73**	**1.16**	ND <0.200	ND <0.200	ND <0.200	**3.29**	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
(1)	02/09/07														
(1)	05/23/07														
(1)	11/06/07														
	05/20/08	**11.3**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	10/07/08	**3.22**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.60**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
(1)	12/19/08														

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	10/27/05	**7.3**	**3.6**	**1.7 J**	ND <0.48	ND <0.20	ND <0.30	**1.1 J**	ND <0.17	ND <0.16	**2.1 J**	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/16/06	**18.0**	**10**	**9.5**	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	**8.65**	**4.89**	**8.54**	**0.500**	**0.250**	ND <0.200	ND <0.500	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/09/07	**8.67**	**5.05**	**14.2**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.00)
	05/24/07	**8.35**	**5.91**	**16.6**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.00)
	11/06/07	**5.60**	**4.61**	**9.65**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/20/08	**4.97**	**4.33**	**10.4**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.00)
	10/07/08	**3.81**	**2.71**	**6.57**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/19/08	**4.20**	**3.22**	**9.46**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0) **(10)**
MW-8	10/27/05	**1.9**	ND <0.16	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/16/06	ND <0.28	ND <0.16	ND <0.33	ND <0.48	ND <0.20	ND <0.20	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND<0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	**2.39**	ND <0.200	ND <0.200	ND <0.200	ND <0.200	**0.210**	ND <0.500	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/12/07	**3.45**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.00)
	05/25/07	**3.66**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/07/07	**2.14**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/20/08	**3.46**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0) **(5)**
	10/07/08	**1.54**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/19/08	**1.59**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0) **(11)**
MW-9	10/27/05	**8.3**	**4.3**	**1.1 J**	**1.4 J**	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	**1.2 J**	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/16/06	**60.0**	**16**	ND <0.33	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND< 0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	**13.7**	**6.57**	**2.00**	**1.40**	ND <0.200	ND <0.200	ND <0.500	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/13/07	**15.7**	**13.2**	**3.94**	**3.59**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.00)
	05/25/07	**17.1**	**12.9**	**3.98**	**3.15**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/07/07	**23.0**	**12.0**	**3.18**	**1.89**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/21/08	**72.4**	**16.0**	**6.64**	**2.00**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.00)
	10/08/08	**12.4**	**2.99**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
DUP1	10/08/08	**10.8**	**2.74**	ND <1.00	ND <1.00	ND <1.00	**1.07**	**2.23**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/19/08	**15.6**	**7.12**	**3.35**	**3.13**	ND <1.00	ND <1.00	ND <1.00	**2.54**	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	10/27/05	**80**	**43**	**4.3**	ND <0.48	**0.76 J**	ND <0.30	**0.40 J**	ND <0.17	ND <0.16	**3.6 J**	**0.49 J**	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/16/06	**150**	**19**	**1.1**	ND <0.48	ND <0.20	ND <0.30	ND <0.23	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	**128**	**20.4**	**4.64**	ND <0.800	ND <0.800	ND <0.800	ND <2.00	ND <0.800	ND <0.800	ND <40.0	ND <0.800	ND <4.00	ND <2.00	ND (<0.800 to <20.0)
	02/13/07	**147**	**22.9**	**6.34**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/25/07	**128**	**21.0**	**6.65**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/07/07	**114**	**19.4**	**4.70**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/21/08	**94.0**	**15.5**	**4.06**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
DUP2	05/21/08	**98.2**	**15.7**	**4.00**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	10/08/08	**96.2**	**16.8**	**4.95**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/20/08	**100**	**16.4**	**4.50**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
MW-11	10/29/05	**1.8 J**	**0.24 J**	ND <0.33	ND <0.48	ND <0.20	ND <0.30	**7.9**	ND <0.17	ND <0.16	**2.3 J**	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/17/06	**3.4**	ND <0.16	ND <0.33	ND <0.48	ND <0.20	ND <0.30	**13.0**	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/17/06	**3.09**	**0.360**	**0.460**	ND <0.200	ND <0.200	ND <0.200	**8.83**	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	ND <0.500	ND (<0.200 to <5.00)
	02/13/07	**4.41**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**7.24**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/26/07	**5.06**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**6.26**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/08/07	**5.37**	**1.18**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**6.92**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/21/08	**7.73**	**1.73**	**1.48**	ND <1.00	ND <1.00	ND <1.00	**10.20**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0) **(6)**
	10/08/08	**15.5**	**2.74**	**1.02**	ND <1.00	ND <1.00	ND <1.00	**4.43**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/20/08	**3.43**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**4.69**	**2.55**	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0) **(12)**
MW-12	10/29/05	**430**	**30**	**4.3**	ND <0.48	**0.46 J**	**0.49 J**	**9.1**	ND <0.17	ND <0.16	**2.8 J**	**0.46 J**	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
DUP2	10/29/05	**400**	**27**	**3.7**	ND <0.48	**0.41 J**	**0.46 J**	**9.5**	ND <0.17	ND <0.16	**2.8 J**	**0.37 J**	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	05/17/06	**820**	**54**	**3.2**	ND <0.48	ND <0.20	**1.4**	**6.6**	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/18/06	**138**	**4.08**	ND <0.800	ND <0.800	ND <0.800	ND <0.800	**5.52**	ND <0.800	ND <0.800	ND <40.0	ND <0.800	ND <4.00	ND <2.00	ND (<0.800 to <20.0)
DUP	10/18/06	**119**	**18.9**	**3.92**	ND <0.800	ND <0.800	ND <0.800	ND <2.00	ND <0.800	ND <0.800	ND <40.0	ND <0.800	ND <4.00	ND <2.00	ND (<0.800 to <20.0)
	02/12/07	**192**	**6.6**	ND <2.00	ND <2.00	ND <2.00	ND <2.00	**4.68**	ND <2.00	ND <2.00	ND <50.0	ND <2.00	ND <2.00	ND <20.0	ND (<2.00 to <20.0)
	05/26/07	**688**	**32.4**	ND <5.00	ND <5.00	ND <5.00	ND <5.00	ND <5.00	ND <5.00	ND <5.00	ND <125.0	ND <5.00	ND <5.00	ND <50.0	ND (<5.00 to <50.0)
	11/08/07	**492**	**33.4**	**2.26**	ND <1.00	ND <1.00	ND <1.00	**4.91**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/21/08	**851**	**60.7**	**3.04**	ND <1.00	ND <1.00	**2.28**	**3.09**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
DUP1	05/21/08	**870**	**61.1**	**2.97**	ND <1.00	ND <1.00	**2.30**	**3.00**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	10/08/08	**308**	**26.9**	**1.97**	ND <1.00	ND <1.00	ND <1.00	**16.2**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/20/08	**252**	**22.7**	**4.98**	ND <1.00	ND <1.00	ND <1.00	**6.21**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0) **(13)**

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-13	10/29/05	**120**	**0.40 J**	ND <0.33	ND <0.48	**0.43 J**	**2.8**	**2.8**	ND <0.17	ND <0.16	**3.2 J**	**0.28 J**	**0.25 J**	**0.36 J**	ND (<0.082 to <0.62)
	05/17/06	**79**	ND <0.16	ND <0.33	ND <0.48	ND <0.20	**3.4**	**1.7**	ND <0.17	ND <0.16	ND <0.73	ND <0.15	ND <0.23	ND <0.24	ND (<0.082 to <0.62)
	10/18/06	**138**	ND <2.00	ND <2.00	ND <2.00	ND <2.00	**3.50**	ND <5.00	ND <2.00	ND <2.00	ND <100	ND <2.00	ND <10.0	ND <5.00	ND (<2.00 to <50.0)
DUP	10/18/06	**141**	**0.300**	ND <0.200	ND <0.200	**0.41**	**3.77**	**2.22**	ND <0.200	ND <0.200	ND <10.0	ND <0.200	ND <1.00	**0.580**	ND (<0.200 to <5.00)
	02/12/07	**102**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**3.75**	**2.14**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	05/26/07	**56.1**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**3.57**	**1.61**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	11/08/07	**118**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**2.58**	**2.38**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <1.00	ND (<0.200 to <10.0)
	05/21/08	**24.3**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.56**	ND <1.00	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0) **(7)**
	10/08/08	**52.1**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**3.12**	**1.86**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
DUP2	10/08/08	**53.4**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**2.69**	**1.69**	ND <1.00	ND <1.00	ND <20.0	ND <1.00	ND <2.00	ND <1.00	ND (<1.00 to <10.0)
	12/20/08	**61.5**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**2.09**	**1.04**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)

Well	Sample Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	BDM	Acetone	Benzene	MTBE	Carbon Disulfide	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Environmental Screening Levels															
ADEC Cleanup Goals		5	5	70	100	5	140	11,000	NE	14	33,000	5	470	3,700	Varies by Compound
EPA Region 9 PRGs		0.11	1.7	370	110	0.15	0.19	1,300	0.52	0.12	22,000	0.41	12	1,000	Varies by Compound

Footnotes:

(1) no water in well casing

(2) Except for 1.48 µg of Toluene

(3) Except for 1.51 µg of Toluene

(4) Except for 1.03 µg of Toluene

(5) Except for 1.10 µg of Toluene

(6) Except for 1.16 µg of Toluene

(7) Except for 1.76 µg of Toluene

(8) Except for 3.11 µg of Trichlorobenzene

(9) Except for 1.18 µg of Trichlorobenzene

(10) Except for 2.89 µg of Trichlorobenzene

(11) Except for 1.03 µg of Trichlorobenzene

(12) Except for 1.07 µg of Trichlorobenzene

(13) Except for 1.93 µg of Trichlorobenzene

Notes:

µg/L	Micrograms per liter
1,1,1,2-TCA	1,1,1,2-Tetrachloroethane
1,2-DCA	1,2-Dichloroethane
ARES	Alaska Resources and Environmental Services
BDM	Bromodichloromethane
cis 1,2-DCE	cis 1,2-Dichloroethene
Dup	Sample is a blind field duplicate. Sample time and date given are arbitrary due to blind nature of sample.
	Actual sample dates and times correspond with the sample immediately above the duplicate sample.
Freon-11	Trichlorofluoromethane
J	Concentration was reported by the laboratory as an estimated value
mg/L	Milligrams per liter
MTBE	Methyl tert butyl ether
ND	Not detected at or above the laboratory detection limit
NE	Not established
PCE	Tetrachloroethene
TCE	Trichloroethene
trans 1,2-DCE	trans 1,2-Dichloroethene
VOCs	Volatile organic compounds by EPA Method 8260B

Environmental Screening Levels:

Alaska Department of Environmental Conservation (ADEC, October 9, 2008): *"Oil and Other Hazardous Substances Pollution Control, 18 AAC 75*," revised October 9, 2008.
Values represent ADEC groundwater cleanup levels where groundwater is considered a potential source of drinking water

Environmental Protection Agency, Region 9 (EPA Region 9, September 2008): *"Preliminary Remediation Goals*," October 2004, updated Semptember 2008): (http://www.epa.gov/region09/waste/sfund/prg).
Values represent Preliminary Remediation Goals (PRGs) published for tap water.

TABLE 2
Groundwater Sparge Well Samples
Analytical Results through December 2008
Bentley Mall, Fairbanks, Alaska

Well	Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	1,2-DCB	Acetone	Benzene	MTBE	2-Butanone	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SW-1	10/13/06	**0.630**	ND <0.200	ND <0.200	ND <0.200	**0.490**	**12.5**	**12.3**	ND <0.200	ND <0.200	ND <10.0	**9.97**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	06/16/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**7.81**	**5.72**	ND <1.00	ND <1.00	ND <25.0	**9.05**	ND <1.00	ND <10.0	ND (<1.00 to<10.0)
	06/09/08	**7.52**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**8.75**	**5.14**	ND <1.00	ND <1.00	ND <25.0	**2.96**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-2	10/13/06	**0.690**	ND <0.200	ND <0.200	ND <0.200	**0.670**	**8.95**	**6.79**	ND <0.200	ND <0.200	ND <10.0	**12.1**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	06/16/07	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**10.4**	**5.75**	ND <1.00	ND <1.00	ND <25.0	**8.43**	ND <1.00	ND <10.0	ND (<1.00 to<10.0)
	06/09/08	**1.48**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**8.84**	**4.14**	ND <1.00	ND <1.00	ND <25.0	**5.92**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-3	10/13/06	**5.83**	ND <0.200	ND <0.200	ND <0.200	**0.670**	**11.4**	**8.65**	ND <0.200	ND <0.200	ND <10.0	**8.72**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	06/16/07	**1.04**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**6.31**	**3.85**	ND <1.00	ND <1.00	ND <25.0	**9.68**	ND <1.00	ND <10.0	ND (<1.00 to<10.0)
	06/09/08	**4.46**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**8.45**	**4.88**	ND <1.00	ND <1.00	ND <25.0	**5.66**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
DUP	6/11/2008 *	**6.16**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**8.55**	**5.12**	ND <1.00	ND <1.00	ND <25.0	**5.48**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-4	10/13/06	**86.6**	**0.500**	**0.420**	ND <0.200	**0.790**	**4.88**	**4.39**	ND <0.200	ND <0.200	ND <10.0	**8.72**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	06/18/07	**7.91**	ND <5.00	ND <5.00	ND <5.00	ND <5.00	**8.00**	**6.65**	ND <5.00	ND <5.00	ND <125	**6.85**	ND <5.00	**717**	ND (<5.00 to<50.0)
	06/09/08	**8.26**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**6.69**	**6.09**	ND <1.00	ND <1.00	ND <25.0	**3.93**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-5	10/13/06	**2,460**	**1.94**	**0.580**	ND <0.200	**0.880**	**0.710**	**2.16**	ND <0.200	**0.27**	ND <10.0	**8.72**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
Dup	10/13/06	**4,670**	ND <200	ND <200	ND <200	ND <200	ND <200	ND <500	ND <200	ND <200	ND <10,000	ND <200	ND <1,000	ND <2,000	ND (<200 to <5,000)
	8/22/2007 **(1)**	**1,650**	**2.87**	ND <1.00	ND <1.00	**1.01**	**1.11**	**3.06**	ND <1.00	ND <1.00	ND <20.0	**1.63**	ND <2.00	ND< 10.0	ND (<1.00 to <10.0) **(2)**
	06/09/08	**1,330**	**1.56**	ND <1.00	ND <1.00	**1.11**	ND <1.00	**2.72**	ND <1.00	ND <1.00	ND <25.0	**1.25**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-6	10/13/06	**414**	**1.21**	**0.770**	ND <0.200	**0.950**	**0.460**	**1.99**	ND <0.200	ND <0.200	ND <10.0	**1.86**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	10/13/06	**411**	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <5.00	ND <2.00	ND <2.00	ND <100	ND <2.00	ND <10.0	ND <20.0	ND (<2.00 to <50.0)
	6/18/2007 **(1)**	**203**	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <2.00	ND <50.0	ND <2.00	ND <2.00	ND <20.0	ND (<2.00 to<20.0)
	06/09/08	**159**	ND <1.00	ND <1.00	ND <1.00	**1.07**	ND <1.00	**2.46**	ND <1.00	ND <1.00	ND <25.0	**0.995**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-7	10/13/06	**150**	**193**	**5.76**	**0.370**	**0.940**	**0.430**	**1.84**	ND <0.200	ND <0.200	ND <10.0	**1.22**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	10/13/06	**141**	**181**	**5.20**	ND <1.00	**0.940**	ND <1.00	ND <2.50	ND <1.00	ND <1.00	ND <50.0	**1.15**	ND <5.00	ND <10.0	ND (<1.00 to <10.0)
	6/18/2007 **(1)**	**147**	**24.4**	ND <1.00	ND <1.00	**1.08**	ND <1.00	**2.11**	ND <1.00	ND <1.00	ND <25.0	**1.10**	ND <1.00	ND <10.0	ND (<1.00 to<10.0)
Dup 2	6/20/2007	**151**	**21.0**	ND <1.00	ND <1.00	**1.02**	ND <1.00	**1.93**	ND <1.00	ND <1.00	ND <25.0	**1.32**	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	06/09/08	**41.5**	**41.4**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.23**	ND <1.00	ND <1.00	ND <25.0	**0.645**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)

Well	Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	1,2-DCB	Acetone	Benzene	MTBE	2-Butanone	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SW-8	10/13/06	**15.3**	**1.75**	**1.30**	**0.490**	**0.840**	ND <0.200	**0.550**	ND <0.200	ND <0.200	ND <10.0	**0.520**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/19/2007 (1)	**12.1**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	06/09/08	**21.8**	**1.73**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	**0.237**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
DUP2	06/11/08 *	**22.8**	**1.43**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <25.0	**0.218**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-9	10/14/06	**0.850**	**0.370**	**0.590**	ND <0.200	**0.850**	**0.210**	**1.51**	ND <0.200	ND <0.200	ND <10.0	**5.01**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/18/2007 (1)	**1.41**	ND <1.00	ND <1.00	ND <1.00	**1.16**	ND <1.00	**1.83**	ND <1.00	ND <1.00	ND <25.0	**9.48**	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	06/10/08	**10.5**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.58**	ND <1.00	ND <1.00	ND <25.0	**1.42**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-10	10/14/06	**2.10**	**0.330**	**0.560**	ND <0.200	**1.01**	ND <0.200	**2.63**	ND <0.200	ND <0.200	ND <10.0	**4.44**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/19/2007 (1)	**4.15**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.80**	ND <1.00	ND <1.00	ND <25.0	**3.98**	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	06/10/08	**3.59**	ND <1.00	ND <1.00	ND <1.00	**1.03**	ND <1.00	**1.68**	ND <1.00	ND <1.00	ND <25.0	**5.07**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-11	10/14/06	**5.85**	**0.450**	**0.680**	ND <0.200	**1.02**	ND <0.200	**2.23**	ND <0.200	ND <0.200	ND <10.0	**4.31**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	8/22/2007 (1)	**2.33**	ND <1.00	ND < 1.00	ND <1.00	ND <1.00	**2.18**	**3.63**	ND <1.00	ND <1.00	ND <20.0	**3.60**	ND <2.00	ND <10.0	ND (<1.00 to <10.0) (3)
Dup	8/22/2007 (1)	**3.26**	**1.22**	ND < 1.00	ND < 1.00	ND <1.00	**2.28**	**3.82**	ND <1.00	ND <1.00	ND <20.0	**3.68**	ND <2.00	ND <10.0	ND (<1.00 to <10.0) (4)
	06/10/08	**20.9**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**2.64**	ND <1.00	ND <1.00	ND <25.0	**0.324**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-12	10/14/06	**1.88**	**0.490**	**0.770**	**0.210**	**1.00**	ND <0.200	**1.87**	ND <0.200	ND <0.200	ND <10.0	**2.68**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/19/2007 (1)	**9.82**	ND <1.00	ND <1.00	ND <1.00	**1.02**	ND <1.00	**1.65**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	06/10/08	**24.4**	ND <1.00	ND <1.00	ND <1.00	**1.02**	ND <1.00	**2.29**	ND <1.00	ND <1.00	ND <25.0	ND <.200	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-13	10/14/06	**6.81**	**0.680**	**1.09**	**0.330**	**1.00**	ND <0.200	**1.63**	ND <0.200	ND <0.200	ND <10.0	**1.24**	ND <1.00	**2.33**	ND (<0.200 to <5.00)
	06/19/07	**6.35**	ND <1.00	ND <1.00	ND <1.00	**1.04**	ND <1.00	**1.55**	ND <1.00	ND <1.00	ND <25.0	**1.50**	ND <1.00	**108**	ND (<1.00 to <10.0)
	06/10/08	**9.62**	ND <1.00	ND <1.00	ND <1.00	**1.07**	ND <1.00	**1.84**	ND <1.00	ND <1.00	ND <25.0	**0.658**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-14	10/14/06	**1.16**	**0.300**	**0.450**	ND <0.200	**1.23**	ND <0.200	**2.51**	ND <0.200	ND <0.200	ND <10.0	**7.23**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/20/2007 (1)	**1.45**	ND <1.00	ND <1.00	ND <1.00	**1.17**	ND <1.00	**2.26**	ND <1.00	ND <1.00	ND <25.0	**1.50**	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
Dup 1	6/20/2007 (1)	**1.44**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.57**	ND <1.00	ND <1.00	ND <25.0	**1.39**	ND <1.00	ND <10.0	ND (<1.00 to<10.0)
	06/11/08	**12.6**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.89**	ND <1.00	ND <1.00	ND <25.0	**0.372**	ND <1.00	ND <10.0	ND (<0.200 to <10.0)
SW-15	10/14/06	**0.530**	**0.510**	**0.820**	**0.210**	**1.06**	ND <0.200	**1.96**	ND <0.200	ND <0.200	ND <10.0	**3.01**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/20/2007 (1)	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.06**	ND <1.00	**1.81**	ND <1.00	ND <1.00	ND <25.0	**1.47**	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	06/11/08	**1.18**	ND <1.00	ND <1.00	ND <1.00	**1.18**	ND <1.00	**1.79**	ND <1.00	ND <1.00	ND <25.0	**1.18**	ND <1.00	ND <10.0	ND (<0.200 to <10.0) (5)
SW-16	10/14/06	**0.570**	**0.510**	**0.810**	**0.230**	**0.920**	ND <0.200	**1.38**	ND <0.200	ND <0.200	ND <10.0	**1.62**	ND <1.00	ND <2.00	ND (<0.200 to <5.00)
	6/20/2007 (1)	**3.04**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.40**	ND <1.00	ND <1.00	ND <25.0	ND <1.00	ND <1.00	ND <10.0	ND (<1.00 to <10.0)
	06/11/08	**11.3**	ND <1.00	ND <1.00	ND <1.00	ND <1.00	ND <1.00	**1.91**	ND <1.00	ND <1.00	ND <25.0	ND <.200	ND <1.00	ND <10.0	ND (<0.200 to <10.0)

Well	Date	PCE	TCE	cis 1,2-DCE	trans 1,2-DCE	1,2-DCA	Chloroform	Freon-11	1,1,1,2-TCA	1,2-DCB	Acetone	Benzene	MTBE	2-Butanone	Other VOCs
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Environmental Screening Levels															
ADEC Cleanup Goals		5	5	70	100	5	140	11,000	NE	14	33,000	5	470	3,700	Varies by Compound
EPA Region 9 PRGs		0.11	1.7	370	110	0.15	0.19	1,300	0.52	0.12	22,000	0.41	12	1,000	Varies by Compound

TABLE 2

Sparge Well Samples - Analytical Results

Bentley Mall, Fairbanks, Alaska

Footnotes:

***** Sample is a blind field duplicate. As such, sample date was manufactured for lab report in order to not indicate the location of the duplicate sample. The actual sample date and time is the same as the above sample.

(1) Due to an error using a outdated well location map, this well was mis-labled during this sampling event.
By comparing the outdated well location map to the current map ARES determined the correct sample well locations.
Due to this error SW wells SW-5, and SW-11 were skipped during the sampling event. These wells were sampled two months after the previous sampling event.

(2) Except for 2.00 µg of 1,1-DCE

(3) Except for 2.02 µg of 1,1-DCE

(4) Except for 1.86 µg of 1,1-DCE

(5) Except for 2.11 µg of 1,1-DCE

Notes:

µg/L	Micrograms per liter
1,1,1,2-TCA	1,1,1,2-Tetrachloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCB	1,2-Dichlorobenzene
ARES	Alaska Resources and Environmental Services
cis 1,2-DCE	cis 1,2-Dichloroethene
Dup	Sample is a blind field duplicate. Sample time and date given are arbitrary due to blind nature of sample. Actual sample dates and times correspond with the sample immediately above the duplicate sample.
Freon-11	Trichlorofluoromethane
mg/L	Milligrams per liter
MTBE	Methyl tert butyl ether
ND	Not detected at or above the laboratory detection limit
NE	Not established
PCE	Tetrachloroethene
TCE	Trichloroethene
trans 1,2-DCE	trans 1,2-Dichloroethene
VOCs	Volatile organic compounds by EPA Method 8260B

Environmental Screening Levels:

Alaska Department of Environmental Conservation (ADEC, October 9, 2008): *"Oil and Other Hazardous Substances Pollution Control, 18 AAC 75,"* revised October 9, 2008.
Values represent ADEC groundwater cleanup levels where groundwater is considered a potential source of drinking water

Environmental Protection Agency, Region 9 (EPA Region 9, September 2008): *"Preliminary Remediation Goals,"* October 2004, updated Semptember 2008): (http://www.epa.gov/region09/waste/sfund/prg).
Values represent Preliminary Remediation Goals (PRGs) published for tap water.

APPENDIX C

Natural Attenuation Data

Project: Bentley Mall **Date:** May 19-21, 2008	**NATURAL ATTENTUATION PARAMETRS**						
Parameter	**Well ID**						
	MW-1	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**	**MW-7**
Chloride (mg/l)	0	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0	0
Nitrate (mg/l)	0+	0+	0-	0+	0+	25	10
Sulfate (mg/l)	<200	<200	<200	<200	<200	<200	<200
ORP/ReDox (mV)	42	19	-5	34	-9	37	-12
Ferrous Iron (mg/l)	0.0	0.0	1.6	2.2	0.4	0.0	1.2
Iron	0.0	0.0	1.0	4.5	0.5	0.0	1.0
Total Iron (mg/l)	0.0	0.0	1.5	5.5	1.5	0.0	1.5
PA Alkalinity (mg/l)	0	0	0	0	0	0	0
Total Alkalinity (mg/l)	180	495	250	262	255	275	235
Magnesium (mg/l)	0	0	3	2	0	2	2
Carbon Dioxide (mg/l)	30	85	24	96	27	32	27
Sulfide (mg/l)	0	0	0	0	0	0	0
TOC (mg/l)	1.88	13.7	2.25	3.31	ND	2.24	7.90
Methane (ug/l)	ND	ND	34.2	31.4	ND	2.12	806
Ethane (ug/l)	ND	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND	ND

Project: Bentley Mall **Date:** May 19-21, 2008	**NATURAL ATTENTUATION PARAMETRS**					
Parameter	**Well ID**					
	MW-8	**MW-9**	**MW-10**	**MW-11**	**MW-12**	**MW-13**
Chloride (mg/l)	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0
Nitrate (mg/l)	25	0	5	5	5	0
Sulfate (mg/l)	<200	<200	<200	<200	<200	<200
ORP/ReDox (mV)	69	82	-86	89	16	75
Ferrous Iron (mg/l)	0.0	0.0	4	0.2	1.5	0.6
Iron	0.1	0.6	8	0.3	1.0	0.6
Total Iron (mg/l)	0.3	1.5	10	0.6	8	0.5
PA Alkalinity (mg/l)	0	0	0	0	0	0
Total Alkalinity (mg/l)	250	240	360	345	372	330
Magnesium (mg/l)	2	2	3	2	1	0
Carbon Dioxide (mg/l)	35	32	46	36	34	37
Sulfide (mg/l)	0	0	0	0	0	0
TOC (mg/l)	3.34	3.80	4.07	3.35	3.43	2.85
Methane (ug/l)	ND	5.12	641	ND	38.1	22.6
Ethane (ug/l)	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND

Project: Bentley Mall **Date:** June 9-11 2008	**NATURAL ATTENTUATION PARAMETRS**					
Parameter	**Well ID**					
	SW-1	**SW-2**	**SW-3**	**SW-4**	**SW-5**	**SW-6**
Chloride (mg/l)	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0
Nitrate (mg/l)	0	0	0	0	0	0
Sulfate (mg/l)	>400, <800	>400, <800	>400, <800	>400, <800	>400, <800	>400, <800
ORP/ReDox (mV)	-134	-112	-116	-120	-92	-104
Ferrous Iron (mg/l)	4.5	5.1	5.3	4.3	4.5	>10
Iron	5.6	7.5	9.8	6.3	>10	>10
Total Iron (mg/l)	>10	>10	>10	>10	>10	>10
PA Alkalinity (mg/l)	0	0	0	0	0	0
Total Alkalinity (mg/l)	330	322	318	354	316	320
Magnesium (mg/l)	2	2	2	2	2	2
Carbon Dioxide (mg/l)	57	60	58	66	62	75
Sulfide (mg/l)	0	0	0	0	0	0
TOC (mg/l)	3.3	3.4	3.5	3.3	3.4	3.5
Methane (ug/l)	2.42	62.5	60.4	67.2	70.4	70.5
Ethane (ug/l)	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND

Project: Bentley Mall **Date:** June 9-11 2008	**NATURAL ATTENTUATION PARAMETRS**					
Parameter	**Well ID**					
	SW-7	**SW-8**	**SW-9**	**SW-10**	**SW-11**	**SW-12**
Chloride (mg/l)	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0
Nitrate (mg/l)	0	0	0	0	0	0
Sulfate (mg/l)	>400, <800	>400, <800	>400, <800	>400, <800	>400, <800	>400, <800
ORP/ReDox (mV)	-95	-68	-85	-73	-45	-31
Ferrous Iron (mg/l)	9.6	3.5	2.5	4.2	1.0	1.0
Iron	>10	6.5	5.5	6.5	2.5	1.0
Total Iron (mg/l)	>10	8.5	8.5	8.5	3.5	1.5
PA Alkalinity (mg/l)	0	0	0	0	0	0
Total Alkalinity (mg/l)	305	319	332	331	309	308
Magnesium (mg/l)	2	2	2	2	0	2
Carbon Dioxide (mg/l)	45	36	39	47	62	69
Sulfide (mg/l)	0	0	0	0	0	0
TOC (mg/l)	24	3.7	3.4	7.1	4.0	4.5
Methane (ug/l)	36.0	26.5	59.7	8.17	3.18	38.9
Ethane (ug/l)	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND

Project: Bentley Mall **Date:** June 9-11 2008	**NATURAL ATTENTUATION PARAMETRS**					
Parameter	**Well ID**					
	SW-13	**SW-14**	**SW-15**	**SW-16**		
Chloride (mg/l)	0	0	0	0		
Nitrite (mg/l)	0	0	0	0		
Nitrate (mg/l)	0	0	0	0		
Sulfate (mg/l)	>400, <800	>400, <800	>400, <800	>400, <800		
ORP/ReDox (mV)	-95	-65	-75	-81		
Ferrous Iron (mg/l)	8.7	7.4	8.6	1.0		
Iron	>10	>10	>10	2.5		
Total Iron (mg/l)	>10	>10	>10	3.5		
PA Alkalinity (mg/l)	0	0	0	0		
Total Alkalinity (mg/l)	317	325	360	309		
Magnesium (mg/l)	0	0	2	2		
Carbon Dioxide (mg/l)	67	86	75	69		
Sulfide (mg/l)	0	0	0	0		
TOC (mg/l)	4.4	6.6	3.2	3.1		
Methane (ug/l)	38.9	7.31	82.0	9.33		
Ethane (ug/l)	ND	ND	ND	ND		
Ethene (ug/l)	ND	ND	ND	ND		

Project: Bentley Mall **Date:** Oct. 6-8, 2008	**NATURAL ATTENTUATION PARAMETRS**						
Parameter	**Well ID**						
	MW-1	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**	**MW-7**
Chloride (mg/l)	0	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0	0
Nitrate (mg/l)	50	50	0	25	0	0	0
Sulfate (mg/l)	<200	<200	<200	<200	<200	<200	<200
ORP/ReDox (mV)	-113	-1	-76	38	36	35	33
Ferrous Iron (mg/l)	0.1	0.0	1.6	0.3	0.4	0.2	0.1
Iron	0.1	0.0	1.0	0.1	0.3	0.1	0.1
Total Iron (mg/l)	0.1	0.0	1.2	0.3	0.4	0.1	0.1
PA Alkalinity (mg/l)	0	0	0	0	0	0	0
Total Alkalinity (mg/l)	174	488	245	264	256	277	226
Magnesium (mg/l)	0	0	0	0	0	0	0
Carbon Dioxide (mg/l)	45	37	39	36	22	28	37
Sulfide (mg/l)	0	0	0	0	0	0	0
TOC (mg/l)	3.1	11	2.4	4.1	1.8	7.4	3.6
Methane (ug/l)	ND	ND	5.35	1.95	ND	ND	216
Ethane (ug/l)	ND	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND	ND

Project: Bentley Mall **Date:** Oct. 6-8, 2008	**NATURAL ATTENTUATION PARAMETRS**					
Parameter	**Well ID**					
	MW-8	**MW-9**	**MW-10**	**MW-11**	**MW-12**	**MW-13**
Chloride (mg/l)	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0
Nitrate (mg/l)	0	0	0	0	0	0
Sulfate (mg/l)	<200	<200	<200	<200	<200	<200
ORP/ReDox (mV)	42	33	35	39	35	38
Ferrous Iron (mg/l)	0.1	0.3	0.2	0.6	1.0	0.1
Iron	0.1	0.1	0.1	0.2	0.6	0.0
Total Iron (mg/l)	0.1	0.2	0.1	0.4	0.9	0.1
PA Alkalinity (mg/l)	0	0	0	0	0	0
Total Alkalinity (mg/l)	247	231	360	334	363	322
Magnesium (mg/l)	0	0	0	0	0	0
Carbon Dioxide (mg/l)	26	39	33	34	38	39
Sulfide (mg/l)	0	0	0	0	0	0
TOC (mg/l)	7.4	3.6	3.6	5.5	15	3.9
Methane (ug/l)	ND	ND	855	ND	7.26	2.18
Ethane (ug/l)	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND

Project: Bentley Mall **Date:** Dec. 18-20, 2008	**NATURAL ATTENTUATION PARAMETRS**						
Parameter	**Well ID**						
	MW-1	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6***	**MW-7**
Chloride (mg/l)	0	0	0	0	0		0
Nitrite (mg/l)	0	0	0	0	0		0
Nitrate (mg/l)	0+	0+	0-	0+	0+		-0
Sulfate (mg/l)	<200	<200	<200	<200	<200		<200
ORP/ReDox (mV)	36	11	-62	27	2		37
Ferrous Iron (mg/l)	0.0	0.6	1.4	0.6	0.8		0.6
Iron	0.0	0.1	1.0	0.2	0.2		0.2
Total Iron (mg/l)	0.1	0.2	1.5	0.6	0.4		0.4
PA Alkalinity (mg/l)	0	0	0	0	0		0
Total Alkalinity (mg/l)	156	340	220	340	380		260
Magnesium (mg/l)	0	0	0	0	0		0
Carbon Dioxide (mg/l)	36	45	38	45	17		25
Sulfide (mg/l)	0	0	0	0	0		0
TOC (mg/l)	2.86	10.7	2.52	4.91	1.97		9.07
Methane (ug/l)	ND	ND	21.6	2.76	ND		ND
Ethane (ug/l)	ND	ND	ND	ND	ND		ND
Ethene (ug/l)	ND	ND	ND	ND	ND		ND

*Well MW-6 had no water in the well casing during the sampling event.

Project: Bentley Mall **Date:** Dec. 18-20, 2008	**NATURAL ATTENTUATION PARAMETRS**					
Parameter	**Well ID**					
	MW-8	**MW-9**	**MW-10**	**MW-11**	**MW-12**	**MW-13**
Chloride (mg/l)	0	0	0	0	0	0
Nitrite (mg/l)	0	0	0	0	0	0
Nitrate (mg/l)	0+	0	0-	0+	0+	0+
Sulfate (mg/l)	<200	<200	<200	<200	<200	<200
ORP/ReDox (mV)	24	54	-65	-27	34	51
Ferrous Iron (mg/l)	0.4	0.2	3.6	0.0	0.0	0.0
Iron	0.0	0.2	5.5	0.0	0.0	0.0
Total Iron (mg/l)	0.0	0.6	7.0	0.2	0.2	0.1
PA Alkalinity (mg/l)	0	0	0	0	0	0
Total Alkalinity (mg/l)	460	340	285	380	440	520
Magnesium (mg/l)	0	0	0	0	0	0
Carbon Dioxide (mg/l)	31	28	26	45	85	60
Sulfide (mg/l)	0	0	0	0	0	0
TOC (mg/l)	3.99	2.38	3.80	4.47	11.3	5.59
Methane (ug/l)	ND	4.62	173	ND	9.64	ND
Ethane (ug/l)	ND	ND	ND	ND	ND	ND
Ethene (ug/l)	ND	ND	ND	ND	ND	ND

APPENDIX D

Well Data Sheets

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover
Date 05/19/08 - 05/21/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-1	16.38	18.98	8.0	6.4	11.00	.390	3	4.63	0.02	16.38	
MW-2	16.15	18.89	5.0	5.4	7.42	1.38	1	3.17	0.06	16.15	
MW-3	16.98	45.64	15	5.0	9.2	4.95	0	1.35	0.01	16.98	
MW-4	14.58	16.33	10	2.8	8.20	.506	8	1.69	0.03	14.58	
MW-5	18.86	29.98	15	4.4	8.54	.407	3	6.53	0.01	18.86	
MW-6	18.68	19.18	10	5.2	8.56	.420	9	4.69	0.02	18.68	

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
Water Level Indicator **Make / Model** Heron dipper-T **Serial ID**
Bailer / Pump **Make / Model** Geopump2 900-1280 **Serial ID** A03005887
Dissolved Oxygen Meter **Make / Model** YSI 55-25 FT **Serial ID** 06M1284 AA

Sample Time
Sample Analysis VOCs
Comments

Purge Calculation Data (3x)
1.5" casing = 0.092 gal/ft
2" casing = 0.164 gal/ft
3 " casing = 0.367 gal/ft
4" casing = 0.648 gal/ft
5" casing = 1.020 gal/ft
6" casing = 1.469 gal/ft

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover
Date 05/19/08 - 05/21/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-7	20.50	22.69	10	3.0	8.16	.520	19	1.77	0.02	20.50	
MW-8	12.84	19.49	10	4.2	9.81	.710	15	.91	0.02	12.84	
MW-9	12.80	20.74	10	3.5	9.73	.627	17	1.74	0.02	12.80	
MW-10	14.02	20.44	10	4.6	6.70	.576	21	1.26	0.02	14.02	
MW-11	13.15	20.79	15	4.9	8.42	.675	210	1.40	0.02	13.15	
MW-12	16.12	20.96	10	3.5	7.49	.601	24	1.37	0.02	16.12	

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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

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Date 05/19/08 - 05/21/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-13	16.43	20.44	10	5.5	4.12	.481	11	2.31	0.02	16.43	

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover
Date 06/9/08 - 06/11/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
SW-1	16.58	33.44	15	6.9	3.85	.535	134	2.51	0.02	16.58	
SW-2	16.55	33.59	15	5.7	4.55	.557	135	2.36	0.02	16.55	
SW-3	16.37	33.78	15	5.4	4.27	.490	138	1.72	0.02	16.37	
SW-4	16.39	33.79	15	5.4	4.85	.588	136	1.60	0.02	16.39	
SW-5	16.24	33.71	15	5.2	4.21	.572	133	1.68	0.02	16.24	
SW-6	16.40	33.42	15	4.3	4.41	.606	134	1.71	0.02	16.40	

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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover

Date 06/9/08 - 06/11/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
SW-7	16.64	33.58	15	4.0	3.98	.563	200	8.8	0.02	16.64	
SW-8	15.68	33.48	15	3.4	4.77	.526	233	2.01	0.02	15.68	
SW-9	16.18	33.05	15	5.5	4.41	.526	261	6.4	0.02	16.18	
SW-10	16.08	33.31	15	4.8	5.36	.466	332	5.8	0.01	16.08	
SW-11	15.87	33.57	15	4.3	5.35	.561	119	9.8	0.02	15.87	
SW-12	15.98	33.10	15	3.5	4.45	.556	111	7.7	0.02	15.98	

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Sample Analysis VOCs
Comments

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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover

Date 06/9/08 - 06/11/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
SW-13	15.94	34.14	15	4.3	5.33	.565	111	8.6	0.02	15.94	
SW-14	16.06	32.88	15	5.2	5.19	.559	115	9.7	0.02	16.06	
SW-15	15.62	33.86	15	3.8	4.66	.545	102	8.8	0.02	15.62	
SW-16	15.38	34.37	15	10.3	4.62	.548	117	3.4	0.02	15.38	

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover
Date 10/06/08 - 10/08/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-1	15.36	19.02	8.0	8.9	4.79	.713	348	2.76	0.02	15.36	
MW-2	15.19	18.89	9.0	6.0	4.41	1.10	261	3.31	0.04	15.19	
MW-3	15.18	46.63	8.5	5.0	3.81	.485	198	1.05	0.01	15.18	
MW-4	13.65	18.35	6.0	6.8	9.16	.739	143	3.15	0.03	13.65	
MW-5	18.23	29.87	15	5.4	4.35	.405	89	3.37	0.01	18.23	
MW-6	17.25	19.02	10	5.6	7.06	.512	82	3.29	0.02	17.25	

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
Water Level Indicator **Make / Model** Heron dipper-T **Serial ID**
Bailer / Pump **Make / Model** Geopump2 900-1280 **Serial ID** A03005887
Dissolved Oxygen Meter **Make / Model** YSI 55-25 FT **Serial ID** 06M1284 AA

Sample Time
Sample Analysis VOCs
Comments

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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover
Date 10/06/08 - 10/08/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-7	20.02	21.14	5	5.6	5.12	.711	98	3.28	0.02	20.02	
MW-8	12.13	20.15	10	6.2	5.02	.386	107	3.17	0.02	12.13	
MW-9	12.75	20.71	10	5.7	4.67	.418	86	2.86	0.01	12.75	
MW-10	13.37	20.45	10	5.2	3.97	.482	72	3.21	0.01	13.37	
MW-11	12.54	20.78	10	5.5	4.22	.721	121	3.45	0.02	12.54	
MW-12	16.13	20.95	10	7.2	4.81	.801	514	3.17	0.02	16.13	

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover
Date 10/06/08 - 10/08/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-13	15.78	20.52	10	5.1	5.14	.456	98	3.52	0.02	15.78	

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
Water Level Indicator **Make / Model** Heron dipper-T **Serial ID**
Bailer / Pump **Make / Model** Geopump2 900-1280 **Serial ID** A03005887
Dissolved Oxygen Meter **Make / Model** YSI 55-25 FT **Serial ID** 06M1284 AA

Sample Time
Sample Analysis VOCs
Comments

Purge Calculation Data (3x)
1.5" casing = 0.092 gal/ft
2" casing = 0.164 gal/ft
3 " casing = 0.367 gal/ft
4" casing = 0.648 gal/ft
5" casing = 1.020 gal/ft
6" casing = 1.469 gal/ft

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover
Date 12/18/08 - 02/20/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-1	16.70	19.00	10	7.7	11.36	.650	168	2.87	0.02	16.70	
MW-2	16.54	18.88	10	4.6	6.41	.764	86	2.89	0.02	16.54	
MW-3	16.49	45.63	15	5.4	8.83	.476	44	3.32	0.01	16.49	
MW-4	15.91	18.43	10	5.4	10.30	.793	273	3.31	0.03	15.91	
MW-5	18.63	29.33	15	4.6	3.78	.438	157	3.55	0.01	18.63	
MW-6											No water in well casing.

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
Water Level Indicator **Make / Model** Heron dipper-T **Serial ID**
Bailer / Pump **Make / Model** Geopump2 900-1280 **Serial ID** A03005887
Dissolved Oxygen Meter **Make / Model** YSI 55-25 FT **Serial ID** 06M1284 AA

Sample Time
Sample Analysis VOCs
Comments

Purge Calculation Data (3x)
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover

Date 12/18/08 - 02/20/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-7	20.77	23.67	10	4.6	9.60	.518	255	3.54	0.01	20.77	
MW-8	13.27	18.59	15	5.2	8.67	.753	169	3.41	0.03	13.27	
MW-9	13.24	18.59	10	3.7	8.29	.698	221	3.73	0.02	13.24	
MW-10	14.45	20.44	10	4.5	4.22	.551	275	3.56	0.02	14.45	
MW-11	13.61	20.78	10	3.8	6.71	.652	309	3.52	0.02	13.61	
MW-12	16.45	20.98	10	4.3	3.53	1.00	15	3.57	0.04	16.45	

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
Water Level Indicator **Make / Model** Heron dipper-T **Serial ID**
Bailer / Pump **Make / Model** Geopump2 900-1280 **Serial ID** A03005887
Dissolved Oxygen Meter **Make / Model** YSI 55-25 FT **Serial ID** 06M1284 AA

Sample Time
Sample Analysis VOCs
Comments

Purge Calculation Data
(3x)
1.5" casing = 0.092 gal/ft
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ALASKA RESOURCES AND ENVIRONMENTAL SERVICES, LLC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client Bentley Mall
Location Bentley Mall

Samplers Lyle Gresehover

Date 12/18/08 - 02/20/08

Well No.	Water Level (feet)	Casing Depth (feet)	Volume Purged (gallons)	Temp. (C°)	pH	Cond. (mS/cm)	Turb. (NTUs)	DO (mg/l)	Salinity (%)	Recharged Water Level (feet)	Sample Appearance and Comments
MW-13	17.84	20.54	10	4.5	10.02	.868	102	3.25	0.03	17.84	

Water Quality Meter **Make / Model** Horiba U-10 **Serial ID** 809020
Water Level Indicator **Make / Model** Heron dipper-T **Serial ID**
Bailer / Pump **Make / Model** Geopump2 900-1280 **Serial ID** A03005887
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Sample Time
Sample Analysis VOCs
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6" casing = 1.469 gal/ft

APPENDIX E

2008 Groundwater Analytical Results

Groundwater Analytical Results (MW)
May 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

June 11, 2008

Lyle Gresehover
Alaska Resources & Environmental Services
P.O. Box 83050
Fairbanks, AK 99708

RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 05/23/08 15:53. The following list is a summary of the Work Orders contained in this report, generated on 06/11/08 15:35.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
ARE0069	Bentley Mall	[none]

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-0508	ARE0069-01	Water	05/19/08 10:20	05/23/08 15:53
MW2-0508	ARE0069-02	Water	05/19/08 12:44	05/23/08 15:53
MW3-0508	ARE0069-03	Water	05/19/08 15:02	05/23/08 15:53
MW4-0508	ARE0069-04	Water	05/19/08 17:27	05/23/08 15:53
MW5-0508	ARE0069-05	Water	05/20/08 09:51	05/23/08 15:53
MW6-0508	ARE0069-06	Water	05/20/08 11:27	05/23/08 15:53
MW7-0508	ARE0069-07	Water	05/20/08 13:50	05/23/08 15:53
MW8-0508	ARE0069-08	Water	05/20/08 16:06	05/23/08 15:53
MW9-0508	ARE0069-09	Water	05/21/08 09:32	05/23/08 15:53
MW10-0508	ARE0069-10	Water	05/21/08 11:50	05/23/08 15:53
MW11-0508	ARE0069-11	Water	05/21/08 14:03	05/23/08 15:53
MW12-0508	ARE0069-12	Water	05/21/08 16:16	05/23/08 15:53
MW13-0508	ARE0069-13	Water	05/21/08 18:10	05/23/08 15:53
MWDUP1-0508	ARE0069-14	Water	05/21/08 20:13	05/23/08 15:53
MWDUP2-0508	ARE0069-15	Water	05/21/08 22:20	05/23/08 15:53
Trip Blank	ARE0069-16	Water	05/22/08 00:00	05/23/08 15:53

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

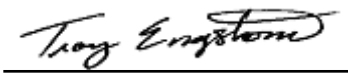
Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/11/08 15:35

Hydrocarbons by GC/FID Headspace

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-01 (MW1-0508)			**Water**			**Sampled: 05/19/08 10:20**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-02 (MW2-0508)			**Water**			**Sampled: 05/19/08 12:44**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-03 (MW3-0508)			**Water**			**Sampled: 05/19/08 15:02**					
Methane	RSK 175	**34.2**	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-04 (MW4-0508)			**Water**			**Sampled: 05/19/08 17:27**					
Methane	RSK 175	**31.4**	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-05 (MW5-0508)			**Water**			**Sampled: 05/20/08 09:51**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-06 (MW6-0508)			**Water**			**Sampled: 05/20/08 11:27**					
Methane	RSK 175	**2.12**	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-07 (MW7-0508)			**Water**			**Sampled: 05/20/08 13:50**					
Methane	RSK 175	**806**	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/11/08 15:35

Hydrocarbons by GC/FID Headspace

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-08 (MW8-0508)			**Water**			**Sampled: 05/20/08 16:06**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-09 (MW9-0508)			**Water**			**Sampled: 05/21/08 09:32**					
Methane	RSK 175	**5.12**	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-10 (MW10-0508)			**Water**			**Sampled: 05/21/08 11:50**					
Methane	RSK 175	**641**	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-11 (MW11-0508)			**Water**			**Sampled: 05/21/08 14:03**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-12 (MW12-0508)			**Water**			**Sampled: 05/21/08 16:16**					
Methane	RSK 175	**38.1**	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARE0069-13 (MW13-0508)			**Water**			**Sampled: 05/21/08 18:10**					
Methane	RSK 175	**22.6**	-----	1.20	ug/l	1x	8050078	05/30/08 11:35	05/30/08 15:33	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	

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Troy Engstrom

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/11/08 15:35

Conventional Chemistry Parameters per APHA/EPA Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-01 (MW1-0508)			**Water**			**Sampled: 05/19/08 10:20**					
Total Organic Carbon	EPA 9060	**1.88**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/05/08 11:46	kri	
ARE0069-02 (MW2-0508)			**Water**			**Sampled: 05/19/08 12:44**					
Total Organic Carbon	EPA 9060	**13.7**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/05/08 12:08	kri	
ARE0069-03 (MW3-0508)			**Water**			**Sampled: 05/19/08 15:02**					
Total Organic Carbon	EPA 9060	**2.25**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/05/08 12:28	kri	
ARE0069-04 (MW4-0508)			**Water**			**Sampled: 05/19/08 17:27**					
Total Organic Carbon	EPA 9060	**3.31**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/05/08 12:49	kri	
ARE0069-05 (MW5-0508)			**Water**			**Sampled: 05/20/08 09:51**					
Total Organic Carbon	EPA 9060	ND	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/05/08 13:09	kri	
ARE0069-06 (MW6-0508)			**Water**			**Sampled: 05/20/08 11:27**					
Total Organic Carbon	EPA 9060	**2.24**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/06/08 12:58	kri	
ARE0069-07 (MW7-0508)			**Water**			**Sampled: 05/20/08 13:50**					
Total Organic Carbon	EPA 9060	**7.90**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/06/08 13:19	kri	
ARE0069-08 (MW8-0508)			**Water**			**Sampled: 05/20/08 16:06**					
Total Organic Carbon	EPA 9060	**3.34**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/06/08 13:40	kri	
ARE0069-09 (MW9-0508)			**Water**			**Sampled: 05/21/08 09:32**					
Total Organic Carbon	EPA 9060	**3.80**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/06/08 14:02	kri	
ARE0069-10 (MW10-0508)			**Water**			**Sampled: 05/21/08 11:50**					
Total Organic Carbon	EPA 9060	**4.07**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/06/08 14:23	kri	
ARE0069-11 (MW11-0508)			**Water**			**Sampled: 05/21/08 14:03**					
Total Organic Carbon	EPA 9060	**3.35**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/06/08 14:44	kri	

TestAmerica Anchorage

Troy Engstrom

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Conventional Chemistry Parameters per APHA/EPA Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-12 (MW12-0508)		**Water**				**Sampled: 05/21/08 16:16**					
Total Organic Carbon	EPA 9060	**3.43**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/06/08 15:05	kri	
ARE0069-13 (MW13-0508)		**Water**				**Sampled: 05/21/08 18:10**					
Total Organic Carbon	EPA 9060	**2.85**	-----	1.00	mg/l	1x	8060168	06/05/08 07:16	06/06/08 15:26	kri	

TestAmerica Anchorage

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ANCHORAGE, AK 99502-1119
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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-01 (MW1-0508)		**Water**				**Sampled: 05/19/08 10:20**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29010	05/29/08 07:29	05/29/08 18:24	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	**2.23**	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	**38.0**	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	

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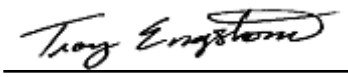

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-01 (MW1-0508)		**Water**				**Sampled: 05/19/08 10:20**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29010	05/29/08 07:29	05/29/08 18:24	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**2.40**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	**1.48**	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**9.99**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s): *1,2-DCA-d4*			*98.9%*		*70 - 130 %*	"			"		
Toluene-d8			*97.6%*		*75 - 125 %*	"			"		
4-BFB			*96.8%*		*75 - 125 %*	"			"		

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-02 (MW2-0508)		**Water**				**Sampled: 05/19/08 12:44**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29010	05/29/08 07:29	05/29/08 18:50	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	**1.43**	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	**5.54**	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-02 (MW2-0508)		**Water**				**Sampled: 05/19/08 12:44**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29010	05/29/08 07:29	05/29/08 18:50	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Toluene	"	**1.51**	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	**4.65**	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**15.8**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	

Surrogate(s):	*1,2-DCA-d4*	*92.7%*	*70 - 130 %*	"	"
	Toluene-d8	*96.1%*	*75 - 125 %*	"	"
	4-BFB	*97.0%*	*75 - 125 %*	"	"

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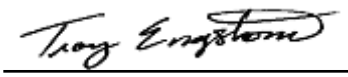

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-02RE1 (MW2-0508)		**Water**				**Sampled: 05/19/08 12:44**					
Tetrachloroethene	EPA 8260B	**638**	-----	20.0	ug/l	20x	8F02042	06/02/08 15:00	06/02/08 18:36	EC	
Surrogate(s): 1,2-DCA-d4			*100%*		*70 - 130 %*	*1x*				*"*	
Toluene-d8			*98.6%*		*75 - 125 %*	*"*				*"*	
4-BFB			*97.4%*		*75 - 125 %*	*"*				*"*	
ARE0069-03 (MW3-0508)		**Water**				**Sampled: 05/19/08 15:02**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29010	05/29/08 07:29	05/29/08 19:15	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	

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Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-03 (MW3-0508)		**Water**				**Sampled: 05/19/08 15:02**					
cis-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29010	05/29/08 07:29	05/29/08 19:15	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**1.78**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	**1.03**	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

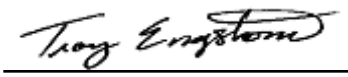
Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-03 (MW3-0508)		**Water**				**Sampled: 05/19/08 15:02**					
Surrogate(s): 1,2-DCA-d4		*99.4%*			*70 - 130 %*	*1x*			*05/29/08 19:15*		
Toluene-d8		*99.0%*			*75 - 125 %*	*"*			*"*		
4-BFB		*99.2%*			*75 - 125 %*	*"*			*"*		
ARE0069-04 (MW4-0508)		**Water**				**Sampled: 05/19/08 17:27**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 07:29	05/29/08 23:41	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	**1.46**	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	**2.86**	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

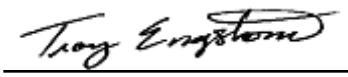
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-04 (MW4-0508)		**Water**				**Sampled: 05/19/08 17:27**					
trans-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 07:29	05/29/08 23:41	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**63.4**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**71.5**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	**1.10**	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): 1,2-DCA-d4		*98.8%*		*70 - 130 %*	"				"		

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-04 (MW4-0508)		**Water**				**Sampled: 05/19/08 17:27**					
Toluene-d8		*97.6%*			*75 - 125 %*	*1x*			*05/29/08 23:41*		
4-BFB		*96.8%*			*75 - 125 %*	*"*			*"*		
ARE0069-05 (MW5-0508)		**Water**				**Sampled: 05/20/08 09:51**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 00:06	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

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ANCHORAGE, AK 99502-1119
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CS Approval Number: UST-067

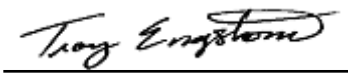
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-05 (MW5-0508)		**Water**				**Sampled: 05/20/08 09:51**					
1,2-Dichloropropane	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 00:06	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**6.21**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): 1,2-DCA-d4			*102%*		*70 - 130 %*	"			"		
Toluene-d8			*96.8%*		*75 - 125 %*	"			"		

TestAmerica Anchorage



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ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-05 (MW5-0508)		**Water**				**Sampled: 05/20/08 09:51**					
4-BFB		*98.6%*			*75 - 125 %*	*1x*			*05/30/08 00:06*		
ARE0069-06 (MW6-0508)		**Water**				**Sampled: 05/20/08 11:27**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 00:32	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-06 (MW6-0508)		**Water**				**Sampled: 05/20/08 11:27**					
1,3-Dichloropropane	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 00:32	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**11.3**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): 1,2-DCA-d4			*98.6%*		*70 - 130 %*	"			"		
Toluene-d8			*95.8%*		*75 - 125 %*	"			"		
4-BFB			*101%*		*75 - 125 %*	"			"		

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

ARE0069-07 (MW7-0508) — Water — Sampled: 05/20/08 13:50

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 00:57	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	**10.4**	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

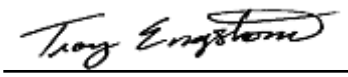
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-07 (MW7-0508)		**Water**				**Sampled: 05/20/08 13:50**					
1,1-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 00:57	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**4.97**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**4.33**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	

Surrogate(s):	*1,2-DCA-d4*	*103%*	*70 - 130 %*	"		"
	Toluene-d8	*96.4%*	*75 - 125 %*	"		"
	4-BFB	*99.8%*	*75 - 125 %*	"		"

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-08 (MW8-0508)		**Water**				**Sampled: 05/20/08 16:06**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 01:22	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-08 (MW8-0508)		**Water**				**Sampled: 05/20/08 16:06**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 01:22	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**3.46**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	**1.10**	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): *1,2-DCA-d4*			*102%*		*70 - 130 %*	"			"		
Toluene-d8			*97.5%*		*75 - 125 %*	"			"		
4-BFB			*96.2%*		*75 - 125 %*	"			"		

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-09 (MW9-0508)		**Water**				**Sampled: 05/21/08 09:32**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 01:48	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	**6.64**	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	**2.00**	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	

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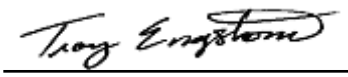

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-09 (MW9-0508)		**Water**				**Sampled: 05/21/08 09:32**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 01:48	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**72.4**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**16.0**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): *1,2-DCA-d4*			*98.8%*		*70 - 130 %*	"			"		
Toluene-d8			*97.0%*		*75 - 125 %*	"			"		
4-BFB			*100%*		*75 - 125 %*	"			"		

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-10 (MW10-0508)		**Water**				**Sampled: 05/21/08 11:50**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 02:13	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	**4.06**	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-10 (MW10-0508)		**Water**				**Sampled: 05/21/08 11:50**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 02:13	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**94.0**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**15.5**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): *1,2-DCA-d4*		*103%*		*70 - 130 %*	"				"		
Toluene-d8		*97.4%*		*75 - 125 %*	"				"		
4-BFB		*96.0%*		*75 - 125 %*	"				"		

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-11 (MW11-0508)		**Water**				**Sampled: 05/21/08 14:03**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 02:38	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	**1.48**	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-11 (MW11-0508)		**Water**				**Sampled: 05/21/08 14:03**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 02:38	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**7.73**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	**1.16**	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**1.73**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	**10.2**	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): *1,2-DCA-d4*			*101%*		*70 - 130 %*	"			"		
Toluene-d8			*97.0%*		*75 - 125 %*	"			"		
4-BFB			*100%*		*75 - 125 %*	"			"		

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-12 (MW12-0508)		**Water**				**Sampled: 05/21/08 16:16**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 03:04	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	**2.28**	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	**3.04**	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-12 (MW12-0508)		**Water**				**Sampled: 05/21/08 16:16**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 03:04	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**60.7**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	**3.09**	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): *1,2-DCA-d4*		*100%*		*70 - 130 %*	"				"		
Toluene-d8		*97.2%*		*75 - 125 %*	"				"		
4-BFB		*101%*		*75 - 125 %*	"				"		

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-12RE1 (MW12-0508)		**Water**				**Sampled: 05/21/08 16:16**					
Tetrachloroethene	EPA 8260B	**851**	-----	20.0	ug/l	20x	8E30025	05/30/08 09:31	05/30/08 14:11	EC	
Surrogate(s): 1,2-DCA-d4			*102%*		*70 - 130 %*	*1x*				*"*	
Toluene-d8			*93.6%*		*75 - 125 %*	*"*				*"*	
4-BFB			*100%*		*75 - 125 %*	*"*				*"*	
ARE0069-13 (MW13-0508)		**Water**				**Sampled: 05/21/08 18:10**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 03:29	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	**1.56**	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

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Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-13 (MW13-0508)		**Water**				**Sampled: 05/21/08 18:10**					
cis-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 03:29	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**24.3**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	**1.76**	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-13 (MW13-0508)		**Water**				**Sampled: 05/21/08 18:10**					
Surrogate(s): 1,2-DCA-d4		*105%*		*70 - 130 %*		*1x*			*05/30/08 03:29*		
Toluene-d8		*96.4%*		*75 - 125 %*		*"*			*"*		
4-BFB		*99.4%*		*75 - 125 %*		*"*			*"*		
ARE0069-14 (MWDUP1-0508)		**Water**				**Sampled: 05/21/08 20:13**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 03:54	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	**2.30**	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	**2.97**	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-14 (MWDUP1-0508)		**Water**				**Sampled: 05/21/08 20:13**					
trans-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 03:54	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**61.1**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	**3.00**	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): 1,2-DCA-d4			*98.9%*		*70 - 130 %*	"			"		
Toluene-d8			*96.2%*		*75 - 125 %*	"			"		

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Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-14 (MWDUP1-0508)		**Water**				**Sampled: 05/21/08 20:13**					
4-BFB		*99.6%*			*75 - 125 %*	*1x*			*05/30/08 03:54*		
ARE0069-14RE1 (MWDUP1-0508)		**Water**				**Sampled: 05/21/08 20:13**					
Tetrachloroethene	EPA 8260B	**870**	-----	20.0	ug/l	20x	8E30025	05/30/08 09:31	05/30/08 14:36	EC	
Surrogate(s): 1,2-DCA-d4		*105%*			*70 - 130 %*	*1x*			*"*		
Toluene-d8		*95.8%*			*75 - 125 %*	*"*			*"*		
4-BFB		*99.6%*			*75 - 125 %*	*"*			*"*		
ARE0069-15 (MWDUP2-0508)		**Water**				**Sampled: 05/21/08 22:20**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 04:20	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	

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Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-15 (MWDUP2-0508)		**Water**				**Sampled: 05/21/08 22:20**					
1,1-Dichloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 04:20	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	**4.00**	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**98.2**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**15.7**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	

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Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**
P.O. Box 83050	Project Number:	[none]
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover

Report Created: 06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-15 (MWDUP2-0508)		**Water**					**Sampled: 05/21/08 22:20**				
o-Xylene	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/30/08 04:20	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): 1,2-DCA-d4			*102%*		*70 - 130 %*	"			"		
Toluene-d8			*94.8%*		*75 - 125 %*	"			"		
4-BFB			*98.6%*		*75 - 125 %*	"			"		
ARE0069-16 (Trip Blank)		**Water**					**Sampled: 05/22/08 00:00**				
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8E29037	05/29/08 22:08	05/29/08 23:16	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	

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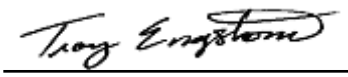

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-16 (Trip Blank)		**Water**				**Sampled: 05/22/08 00:00**					
1,2-Dichloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8E29037	05/29/08 22:08	05/29/08 23:16	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	

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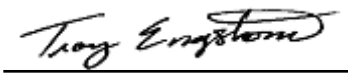

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARE0069-16 (Trip Blank)		**Water**				**Sampled: 05/22/08 00:00**					
m,p-Xylene	EPA 8260B	ND	-----	2.00	ug/l	1x	8E29037	05/29/08 22:08	05/29/08 23:16	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): 1,2-DCA-d4			*99.0%*		*70 - 130 %*	"			"		
Toluene-d8			*96.8%*		*75 - 125 %*	"			"		
4-BFB			*98.7%*		*75 - 125 %*	"			"		

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 8050078 **Water Preparation Method: RSK 175**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8050078-BLK1)								**Extracted: 05/30/08 11:35**						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	05/30/08 15:33	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
LCS (8050078-BS1)								**Extracted: 05/30/08 11:35**						
Methane	RSK 175	51.6	---	1.20	ug/l	1x	--	57.5	89.7%	(80-120)	--	--	05/30/08 15:33	
Ethane	"	118	---	10.0	"	"	--	112	105%	"	--	--	"	
Ethene	"	139	---	10.0	"	"	--	134	104%	"	--	--	"	
LCS Dup (8050078-BSD1)								**Extracted: 05/30/08 11:35**						
Methane	RSK 175	51.3	---	1.20	ug/l	1x	--	57.5	89.2%	(80-120)	0.525%	(25)	05/30/08 15:33	
Ethane	"	118	---	10.0	"	"	--	112	106%	"	0.187%	"	"	
Ethene	"	138	---	10.0	"	"	--	134	103%	"	0.427%	"	"	
Duplicate (8050078-DUP1)							**QC Source: ARE0069-04**						**Extracted: 05/30/08 11:35**	
Methane	RSK 175	39.5	---	1.20	ug/l	1x	31.4	--	--	--	22.9%	(35)	05/30/08 15:33	
Ethane	"	ND	---	10.0	"	"	ND	--	--	--	NR	(26.4)	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	112%	(24.2)	"	R4

TestAmerica Anchorage

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ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

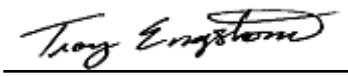
Conventional Chemistry Parameters per APHA/EPA Methods - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 8060168 **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8060168-BLK1)								**Extracted: 06/05/08 07:16**						
Total Organic Carbon	EPA 9060	ND	---	1.00	mg/l	1x	--	--	--	--	--	--	06/05/08 09:58	
LCS (8060168-BS1)								**Extracted: 06/05/08 07:16**						
Total Organic Carbon	EPA 9060	21.1	---	1.00	mg/l	1x	--	20.0	106%	(85-115)	--	--	06/05/08 10:21	
Duplicate (8060168-DUP1)					**QC Source: ARE0069-01**				**Extracted: 06/05/08 07:16**					
Total Organic Carbon	EPA 9060	1.77	---	1.00	mg/l	1x	1.88	--	--	--	6.53%	(20)	06/05/08 10:41	
Matrix Spike (8060168-MS1)					**QC Source: ARE0069-01**				**Extracted: 06/05/08 07:16**					
Total Organic Carbon	EPA 9060	24.2	---	1.00	mg/l	1x	1.88	25.0	89.1%	(75-125)	--	--	06/05/08 11:04	
Matrix Spike Dup (8060168-MSD1)					**QC Source: ARE0069-01**				**Extracted: 06/05/08 07:16**					
Total Organic Carbon	EPA 9060	24.8	---	1.00	mg/l	1x	1.88	25.0	91.6%	(75-125)	2.49%	(20)	06/05/08 11:26	

TestAmerica Anchorage



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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E29010 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E29010-BLK1)							**Extracted: 05/29/08 07:29**							
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	05/29/08 10:30	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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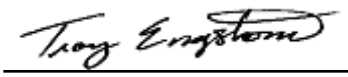

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E29010 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E29010-BLK1)							**Extracted: 05/29/08 07:29**							
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	05/29/08 10:30	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 103%*			*Limits: 70-130%*	"							*05/29/08 10:30*	
Toluene-d8		*96.6%*			*75-125%*	"							"	
4-BFB		*97.6%*			*75-125%*	"							"	

TestAmerica Anchorage

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Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E29010 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8E29010-BS1)								**Extracted: 05/29/08 07:29**						
Benzene	EPA 8260B	39.0	---	1.00	ug/l	1x	--	40.0	97.6%	(80-120)	--	--	05/29/08 08:49	
Chlorobenzene	"	38.3	---	1.00	"	"	--	"	95.7%	"	--	--	"	
1,1-Dichloroethene	"	43.6	---	1.00	"	"	--	"	109%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	42.6	---	2.00	"	"	--	"	106%	(75-126)	--	--	"	
Toluene	"	38.9	---	1.00	"	"	--	"	97.2%	(75-125)	--	--	"	
Trichloroethene	"	38.7	---	1.00	"	"	--	"	96.7%	"	--	--	"	
Total Xylenes	"	119	---	3.00	"	"	--	120	98.9%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 103%*			*Limits: 70-130%*	"							*05/29/08 08:49*	
Toluene-d8		*97.8%*			*75-125%*	"							"	
4-BFB		*99.3%*			*75-125%*	"							"	
LCS Dup (8E29010-BSD1)								**Extracted: 05/29/08 07:29**						
Benzene	EPA 8260B	40.0	---	1.00	ug/l	1x	--	40.0	99.9%	(80-120)	2.33%	(20)	05/29/08 09:17	
Chlorobenzene	"	38.5	---	1.00	"	"	--	"	96.3%	"	0.625%	"	"	
1,1-Dichloroethene	"	43.4	---	1.00	"	"	--	"	109%	(75-125)	0.322%	"	"	
Methyl tert-butyl ether	"	42.4	---	2.00	"	"	--	"	106%	(75-126)	0.448%	"	"	
Toluene	"	39.0	---	1.00	"	"	--	"	97.4%	(75-125)	0.231%	"	"	
Trichloroethene	"	39.4	---	1.00	"	"	--	"	98.6%	"	1.97%	"	"	
Total Xylenes	"	115	---	3.00	"	"	--	120	95.9%	"	3.10%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 103%*			*Limits: 70-130%*	"							*05/29/08 09:17*	
Toluene-d8		*98.4%*			*75-125%*	"							"	
4-BFB		*99.4%*			*75-125%*	"							"	

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

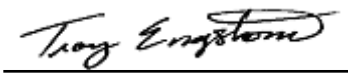
Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E29037 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E29037-BLK1)								**Extracted: 05/29/08 22:08**						
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	05/29/08 22:50	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E29037 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E29037-BLK1)							**Extracted: 05/29/08 22:08**							
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	05/29/08 22:50	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 99.4%*			*Limits: 70-130%*	"							*05/29/08 22:50*	
Toluene-d8		*97.4%*			*75-125%*	"							"	
4-BFB		*100%*			*75-125%*	"							"	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E29037 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8E29037-BS1)							**Extracted: 05/29/08 19:08**							
Benzene	EPA 8260B	42.5	---	1.00	ug/l	1x	--	40.0	106%	(80-120)	--	--	05/29/08 21:23	
Chlorobenzene	"	38.8	---	1.00	"	"	--	"	97.0%	"	--	--	"	
1,1-Dichloroethene	"	46.1	---	1.00	"	"	--	"	115%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	43.1	---	2.00	"	"	--	"	108%	(75-126)	--	--	"	
Toluene	"	39.2	---	1.00	"	"	--	"	98.1%	(75-125)	--	--	"	
Trichloroethene	"	40.7	---	1.00	"	"	--	"	102%	"	--	--	"	
Total Xylenes	"	117	---	3.00	"	"	--	120	97.6%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 96.2%*			*Limits: 70-130%*	"							*05/29/08 21:23*	
Toluene-d8		*96.7%*			*75-125%*	"							"	
4-BFB		*99.6%*			*75-125%*	"							"	
LCS Dup (8E29037-BSD1)							**Extracted: 05/29/08 19:08**							
Benzene	EPA 8260B	41.3	---	1.00	ug/l	1x	--	40.0	103%	(80-120)	2.89%	(20)	05/29/08 21:48	
Chlorobenzene	"	38.8	---	1.00	"	"	--	"	96.9%	"	0.0773%	"	"	
1,1-Dichloroethene	"	47.2	---	1.00	"	"	--	"	118%	(75-125)	2.40%	"	"	
Methyl tert-butyl ether	"	45.4	---	2.00	"	"	--	"	114%	(75-126)	5.33%	"	"	
Toluene	"	39.1	---	1.00	"	"	--	"	97.8%	(75-125)	0.332%	"	"	
Trichloroethene	"	40.1	---	1.00	"	"	--	"	100%	"	1.39%	"	"	
Total Xylenes	"	118	---	3.00	"	"	--	120	98.2%	"	0.587%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 98.4%*			*Limits: 70-130%*	"							*05/29/08 21:48*	
Toluene-d8		*98.3%*			*75-125%*	"							"	
4-BFB		*99.3%*			*75-125%*	"							"	

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

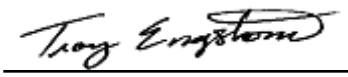
Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E30025 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E30025-BLK1)								**Extracted: 05/30/08 09:31**						
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	05/30/08 12:16	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E30025 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E30025-BLK1)							**Extracted: 05/30/08 09:31**							
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	05/30/08 12:16	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 102%*			*Limits: 70-130%*	"							*05/30/08 12:16*	
Toluene-d8		*93.2%*			*75-125%*	"							"	
4-BFB		*101%*			*75-125%*	"							"	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8E30025 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8E30025-BS1)							**Extracted: 05/30/08 09:31**							
Benzene	EPA 8260B	40.7	---	1.00	ug/l	1x	--	40.0	102%	(80-120)	--	--	05/30/08 10:49	
Chlorobenzene	"	39.0	---	1.00	"	"	--	"	97.5%	"	--	--	"	
1,1-Dichloroethene	"	43.8	---	1.00	"	"	--	"	110%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	43.1	---	2.00	"	"	--	"	108%	(75-126)	--	--	"	
Toluene	"	38.8	---	1.00	"	"	--	"	97.0%	(75-125)	--	--	"	
Trichloroethene	"	41.8	---	1.00	"	"	--	"	105%	"	--	--	"	
Total Xylenes	"	119	---	3.00	"	"	--	120	99.2%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 104%*			*Limits: 70-130%*	"							*05/30/08 10:49*	
Toluene-d8		*96.7%*			*75-125%*	"							"	
4-BFB		*99.8%*			*75-125%*	"							"	
LCS Dup (8E30025-BSD1)							**Extracted: 05/30/08 09:31**							
Benzene	EPA 8260B	40.8	---	1.00	ug/l	1x	--	40.0	102%	(80-120)	0.294%	(20)	05/30/08 11:14	
Chlorobenzene	"	38.6	---	1.00	"	"	--	"	96.6%	"	0.928%	"	"	
1,1-Dichloroethene	"	46.1	---	1.00	"	"	--	"	115%	(75-125)	5.09%	"	"	
Methyl tert-butyl ether	"	44.2	---	2.00	"	"	--	"	110%	(75-126)	2.57%	"	"	
Toluene	"	38.3	---	1.00	"	"	--	"	95.7%	(75-125)	1.35%	"	"	
Trichloroethene	"	42.2	---	1.00	"	"	--	"	106%	"	0.952%	"	"	
Total Xylenes	"	117	---	3.00	"	"	--	120	97.8%	"	1.44%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 100%*			*Limits: 70-130%*	"							*05/30/08 11:14*	
Toluene-d8		*93.4%*			*75-125%*	"							"	
4-BFB		*99.0%*			*75-125%*	"							"	

TestAmerica Anchorage

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

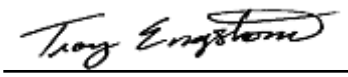
Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8F02042 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8F02042-BLK1)								**Extracted: 06/02/08 15:00**						
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	06/02/08 17:43	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	1.16	---	1.00	"	"	--	--	--	--	--	--	"	B
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	B
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8F02042 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8F02042-BLK1)							**Extracted: 06/02/08 15:00**							
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	06/02/08 17:43	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	B
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 99.0%*			*Limits: 70-130%*	"							*06/02/08 17:43*	
Toluene-d8		*101%*			*75-125%*	"							"	
4-BFB		*99.7%*			*75-125%*	"							"	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8F02042 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8F02042-BS1)								**Extracted: 06/02/08 15:00**						
Benzene	EPA 8260B	38.0	---	1.00	ug/l	1x	--	40.0	94.9%	(80-120)	--	--	06/02/08 16:10	
Chlorobenzene	"	36.4	---	1.00	"	"	--	"	90.9%	"	--	--	"	
1,1-Dichloroethene	"	37.7	---	1.00	"	"	--	"	94.2%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	37.9	---	2.00	"	"	--	"	94.7%	(75-126)	--	--	"	
Toluene	"	36.8	---	1.00	"	"	--	"	92.1%	(75-125)	--	--	"	
Trichloroethene	"	35.8	---	1.00	"	"	--	"	89.6%	"	--	--	"	
Total Xylenes	"	110	---	3.00	"	"	--	120	92.0%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 102%*			*Limits: 70-130%*	"							*06/02/08 16:10*	
Toluene-d8		*102%*			*75-125%*	"							"	
4-BFB		*97.8%*			*75-125%*	"							"	
LCS Dup (8F02042-BSD1)								**Extracted: 06/02/08 15:00**						
Benzene	EPA 8260B	41.2	---	1.00	ug/l	1x	--	40.0	103%	(80-120)	8.04%	(20)	06/02/08 16:37	
Chlorobenzene	"	38.0	---	1.00	"	"	--	"	95.0%	"	4.41%	"	"	
1,1-Dichloroethene	"	40.2	---	1.00	"	"	--	"	101%	(75-125)	6.57%	"	"	
Methyl tert-butyl ether	"	38.8	---	2.00	"	"	--	"	97.1%	(75-126)	2.53%	"	"	
Toluene	"	39.2	---	1.00	"	"	--	"	97.9%	(75-125)	6.13%	"	"	
Trichloroethene	"	38.6	---	1.00	"	"	--	"	96.5%	"	7.42%	"	"	
Total Xylenes	"	116	---	3.00	"	"	--	120	96.8%	"	5.10%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 103%*			*Limits: 70-130%*	"							*06/02/08 16:37*	
Toluene-d8		*102%*			*75-125%*	"							"	
4-BFB		*101%*			*75-125%*	"							"	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	06/11/08 15:35

Notes and Definitions

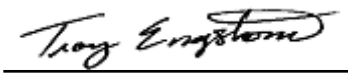
Report Specific Notes:

B	-	Analyte was detected in the associated Method Blank.
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES

ARES
P.O. Box 83050
Fairbanks, Alaska 99708
Phone: 907.374.3226
Fax: 907.374.2319

Chain of Custody Report

ARE0069

Client: Alaska Resources and Environmental Services		Invoice To: ARES, P.O. Box 83050, Fairbanks, Alaska 99708	Laboratory Name: Test America Inc. Address: 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
Report To: Lyle Gresehover		P.O. Number:	
Address: ARES, P.O. Box 83050			
Email: lyle@ak-res.com			
Phone: (907) 374-3226	Fax: (907)374-3219		
Project Name: Bentley Mall			
Project Number:			
Sampled By: Lyle Gresehover			

Turnaround Request In Business Days

Organic & Inorganic Analyses: (10) 7 5 4 3 2 1 <1

Petroleum Hydrocarbon Analyses: 5 4 3 2 1 <1

Specify Other:

Report Tier Levels: Tier II reporting requested (results + QC)

	Sample Identification	Sampling Date	Time	VOC EPA 8260 B	M.E.E. * RSK 175	TOC EPA 9060	Matrix (W,S,O)	# of Cont.	Location / Comments	Lab ID
	Preservative			HCL	HCL	sulfuric				
	Requested Analyses									
1	MW1-0508	5/19/2008	1020	X	X	X	W	7		01
2	MW2-0508	5/19/2008	1244	X	X	X	W	7		02
3	MW3-0508	5/19/2008	1502	X	X	X	W	7		03
4	MW4-0508	5/19/2008	1727	X	X	X	W	7		04
5	MW5-0508	5/20/2008	0951	X	X	X	W	7		05
6	MW6-0508	5/20/2008	1127	X	X	X	W	7		06
7	MW7-0508	5/20/2008	1350	X	X	X	W	7		07
8	MW8-0508	5/20/2008	1606	X	X	X	W	7		08
9	MW9-0508	5/21/2008	0932	X	X	X	W	7		09
10	MW10-0508	5/21/2008	1150	X	X	X	W	7		10

Released By: [signature] Date: 5/23/2008	Received By: David Houston Date: 5-23-08
Print Name: Lyle Gresehover Firm: ARES Time: 11:00	Print Name: David Houston Firm: Anchorage Time: 15:53
Released By: Date:	Received By: Date:
Print Name: Firm: Time:	Print Name: Firm: Time:

Additional Remarks: **Level II Reporting Requested (* M.E.E. = Methane, Ethane, Ethene)** NOTE; ONLY 1 TRIP BLANK

Temp:

COC REV 02/2008

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES

ARES
P.O. Box 83050
Fairbanks, Alaska 99708
Phone: 907.374.3226
Fax: 907.374.2319

Chain of Custody Report

Client: Alaska Resources and Environmental Services		Invoice To: ARES, P.O. Box 83050, Fairbanks, Alaska 99708	Laboratory Name: Test America Inc. Address: 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
Report To:	Lyle Gresehover		
Address:	ARES, P.O. Box 83050		
Email:	lyle@ak-res.com		
Phone:	(907) 374-3226 Fax: (907)374-3219	P.O. Number:	

Turnaround Request In Business Days

Organic & Inorganic Analyses: (10) | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1

Specify Other:

Report Tier Levels: Tier II reporting requested (results + QC)

Project Name: Bentley Mall
Project Number:
Sampled By: Lyle Gresehover

Preservative: HCL | HCL | sulfuric

Requested Analyses: VOC EPA 8260 B | M.E.E. * RSK 175 | TOC EPA 9060

Sample Identification	Sampling Date/ Time		VOC EPA 8260 B	M.E.E. * RSK 175	TOC EPA 9060	Matrix (W,S,O)	# of Cont.	Location / Comments	Lab ID
1 MW11-0508	5/21/2008	1403	X	X	X	W	7		11
2 MW12-0508	5/21/2008	1616	X	X	X	W	7		12
3 MW13-0508	5/21/2008	1810	X	X	X	W	7		13
4 MWDUP1-0508	5/21/2008	2013	X			W	3		14
5 MWDUP2-0508	5/21/2008	2220	X			W	3		15
6 TRIP BLANK							1		16
7									
8									
9									
10									

Released By: [signature]	Date: 5/23/2008	Received By: [signature]	Date: 5-23-08
Print Name: Lyle Gresehover Firm: ARES	Time: 11:00	Print Name: David Houston Firm: Anchorage	Time: 15:53
Released By:	Date:	Received By:	Date:
Print Name: Firm:	Time:	Print Name: Firm:	Time:

Additional Remarks: **Level II Reporting Requested (* M.E.E. = Methane, Ethane, Ethene)**

Temp:

COC REV 02/2008

Test America Cooler Receipt Form

(Army Corps. Compliant)

WORK ORDER # ARE0069 CLIENT: ARES PROJECT: Bentley Mall

Date /Time Cooler Arrived 5/23/08 15:53 Cooler signed for by: David Houston (Print name)

Preliminary Examination Phase:

Date cooler opened: ☒ same as date received or ___/___/___

Cooler opened by (print) David Houston (sign) David Houston

1. Delivered by ☒ ALASKA AIRLINES ☐ Fed-Ex ☐ UPS ☐ NAC ☐ LYNDEN ☐ CLIENT ☐ Other: ___

Shipment Tracking # if applicable ___ (include copy of shipping papers in file)

2. Number of Custody Seals 0 Signed by ___ Date ___/___/___

Were custody seals unbroken and intact on arrival? ☐ Yes ☐ No

3. Were custody papers sealed in a plastic bag? ☒ Yes ☐ No

4. Were custody papers filled out properly (ink, signed, etc.)? ☒ Yes ☐ No

5. Did you sign the custody papers in the appropriate place? ☒ Yes ☐ No

6. Was ice used? ☒ Yes ☐ No Type of ice: ☐ blue ice ☒ gel ice ☐ real ice ☐ dry ice Condition of Ice: ___

Temperature by Digi-Thermo Probe 3.5 °C Thermometer # Rec #4

Acceptance Criteria: 0 - 6°C

7. Packing in Cooler: ☒ bubble wrap ☐ styrofoam ☐ cardboard ☐ Other: ___

8. Did samples arrive in plastic bags? ☐ Yes ☒ No

9. Did all bottles arrive unbroken, and with labels in good condition? ☐ Yes ☑ No

10. Are all bottle labels complete (ID, date, time, etc.) ☑ Yes ☐ No

11. Do bottle labels and Chain of Custody agree? ☑ Yes ☐ No

12. Are the containers and preservatives correct for the tests indicated? ☑ Yes ☐ No

13. Conoco Phillips, Alyeska, BP H2O samples only: pH < 2? ☐ Yes ☐ No ☑ N/A

14. Is there adequate volume for the tests requested? ☑ Yes ☐ No

15. Were VOA vials free of bubbles? ☐ N/A ☐ Yes ☑ No

If "NO" which containers contained "head space" or bubbles? MW3 = ARE0069 3A = ¼ inch

MW7 = ARE0069 7A, C

TripBlank = ARE0069 16 > ¼ inch

Log-in Phase:

Date of sample log-in 05/23/08

Samples logged in by (print) DALJEET MAHAL (sign) ___

1. Was project identifiable from custody papers? ☑ Yes ☐ No
2. Do Turn Around Times and Due Dates agree? ☑ Yes ☐ No
3. Was the Project Manager notified of status? ☑ Yes ☐ No
4. Was the Lab notified of status? ☑ Yes ☐ No
5. Was the COC scanned and copied? ☑ Yes ☐ No

Groundwater Analytical Results (SW)
June 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

July 01, 2008

Lyle Gresehover
Alaska Resources & Environmental Services
P.O. Box 83050
Fairbanks, AK 99708

RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 06/13/08 16:53. The following list is a summary of the Work Orders contained in this report, generated on 07/01/08 15:18.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
ARF0054	Bentley Mall	[none]

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW1-0608	ARF0054-01	Water	06/09/08 08:02	06/13/08 16:53
SW2-0608	ARF0054-02	Water	06/09/08 09:04	06/13/08 16:53
SW3-0608	ARF0054-03	Water	06/09/08 10:29	06/13/08 16:53
SW4-0608	ARF0054-04	Water	06/09/08 11:34	06/13/08 16:53
SW5-0608	ARF0054-05	Water	06/09/08 12:57	06/13/08 16:53
SW6-0608	ARF0054-06	Water	06/09/08 14:01	06/13/08 16:53
SW7-0608	ARF0054-07	Water	06/09/08 15:38	06/13/08 16:53
SW8-0608	ARF0054-08	Water	06/09/08 16:59	06/13/08 16:53
SW9-0608	ARF0054-09	Water	06/10/08 08:25	06/13/08 16:53
SW10-0608	ARF0054-10	Water	06/10/08 09:07	06/13/08 16:53
SW11-0608	ARF0054-11	Water	06/10/08 10:18	06/13/08 16:53
SW12-0608	ARF0054-12	Water	06/10/08 11:33	06/13/08 16:53
SW13-0608	ARF0054-13	Water	06/10/08 13:34	06/13/08 16:53
SW14-0608	ARF0054-14	Water	06/11/08 10:43	06/13/08 16:53
SW15-0608	ARF0054-15	Water	06/11/08 11:52	06/13/08 16:53
SW16-0608	ARF0054-16	Water	06/11/08 13:09	06/13/08 16:53
DUP	ARF0054-17	Water	06/11/08 14:00	06/13/08 16:53
DUP2	ARF0054-18	Water	06/11/08 15:21	06/13/08 16:53
Trip Blank	ARF0054-19	Water	06/11/08 00:00	06/13/08 16:53

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/01/08 15:18

Hydrocarbons by GC/FID Headspace

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-01 (SW1-0608)			**Water**			**Sampled: 06/09/08 08:02**					
Methane	RSK 175	**24.2**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-02 (SW2-0608)			**Water**			**Sampled: 06/09/08 09:04**					
Methane	RSK 175	**62.5**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-03 (SW3-0608)			**Water**			**Sampled: 06/09/08 10:29**					
Methane	RSK 175	**60.4**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-04 (SW4-0608)			**Water**			**Sampled: 06/09/08 11:34**					
Methane	RSK 175	**67.2**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-05 (SW5-0608)			**Water**			**Sampled: 06/09/08 12:57**					
Methane	RSK 175	**70.4**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-06 (SW6-0608)			**Water**			**Sampled: 06/09/08 14:01**					
Methane	RSK 175	**70.5**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-07 (SW7-0608)			**Water**			**Sampled: 06/09/08 15:38**					
Methane	RSK 175	**31.1**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	

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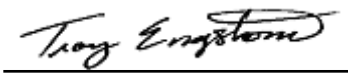

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/01/08 15:18

Hydrocarbons by GC/FID Headspace

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-08 (SW8-0608)			**Water**			**Sampled: 06/09/08 16:59**					
Methane	RSK 175	**36.0**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-09 (SW9-0608)			**Water**			**Sampled: 06/10/08 08:25**					
Methane	RSK 175	**26.5**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-10 (SW10-0608)			**Water**			**Sampled: 06/10/08 09:07**					
Methane	RSK 175	**57.9**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-11 (SW11-0608)			**Water**			**Sampled: 06/10/08 10:18**					
Methane	RSK 175	**8.17**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-12 (SW12-0608)			**Water**			**Sampled: 06/10/08 11:33**					
Methane	RSK 175	**3.18**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-13 (SW13-0608)			**Water**			**Sampled: 06/10/08 13:34**					
Methane	RSK 175	**38.9**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-14 (SW14-0608)			**Water**			**Sampled: 06/11/08 10:43**					
Methane	RSK 175	**7.31**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	

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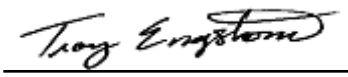

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/01/08 15:18

Hydrocarbons by GC/FID Headspace

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-15 (SW15-0608)			**Water**			**Sampled: 06/11/08 11:52**					
Methane	RSK 175	**82.0**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-16 (SW16-0608)			**Water**			**Sampled: 06/11/08 13:09**					
Methane	RSK 175	**9.33**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	
ARF0054-18 (DUP2)			**Water**			**Sampled: 06/11/08 15:21**					
Methane	RSK 175	**73.9**	-----	1.20	ug/l	1x	8060067	06/18/08 10:01	06/18/08 13:30	HM	
Ethane	"	ND	-----	10.0	"	"	"	"	"	HM	
Ethene	"	ND	-----	10.0	"	"	"	"	"	HM	

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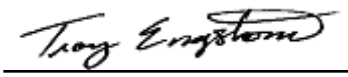

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P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-01 (SW1-0608)		**Water**				**Sampled: 06/09/08 08:02**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 13:04	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**5.14**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	**8.75**	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**2.96**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**7.52**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

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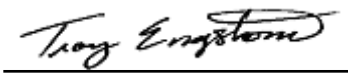

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Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-01 (SW1-0608)		**Water**				**Sampled: 06/09/08 08:02**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 13:04	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*112%*	*62.2 - 128 %*	"	"
	Toluene-d8	*96.7%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*98.8%*	*77.3 - 129 %*	"	"

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P.O. Box 83050	Project Number:	[none]	Report Created:
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Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-02 (SW2-0608)		**Water**				**Sampled: 06/09/08 09:04**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 13:35	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**4.14**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	**8.84**	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**5.92**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**1.48**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-02 (SW2-0608)		**Water**				**Sampled: 06/09/08 09:04**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 13:35	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*114%*	*62.2 - 128 %*	"	"
	Toluene-d8	*97.7%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*95.6%*	*77.3 - 129 %*	"	"

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Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-03 (SW3-0608)		**Water**				**Sampled: 06/09/08 10:29**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 14:07	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**4.88**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	**8.45**	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**5.66**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**4.46**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

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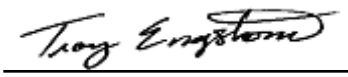

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

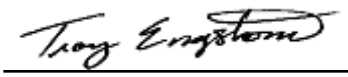
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-03 (SW3-0608)		**Water**				**Sampled: 06/09/08 10:29**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 14:07	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*115%*	*62.2 - 128 %*	"	"
	Toluene-d8	*97.4%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*99.6%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

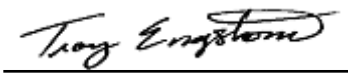
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-04 (SW4-0608)		**Water**				**Sampled: 06/09/08 11:34**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 14:38	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**6.09**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	**6.69**	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**3.93**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**8.26**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-04 (SW4-0608)		**Water**				**Sampled: 06/09/08 11:34**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 14:38	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*118%*	*62.2 - 128 %*	"	"
	Toluene-d8	*95.7%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*95.2%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage

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Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-05 (SW5-0608)		**Water**				**Sampled: 06/09/08 12:57**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 15:10	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**2.72**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**1.25**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	**1.11**	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	**1.56**	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**1330**	-----	100	"	100x	"	"	06/19/08 16:48	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	1x	"	"	06/18/08 15:10	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-05 (SW5-0608)		**Water**				**Sampled: 06/09/08 12:57**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 15:10	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*116%*	*62.2 - 128 %*	"	"
	Toluene-d8	*93.9%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*108%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

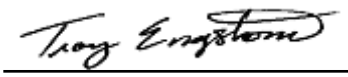
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-06 (SW6-0608)		**Water**				**Sampled: 06/09/08 14:01**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 15:42	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**2.46**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**0.995**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	**1.07**	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**159**	-----	10.0	"	10x	"	"	06/19/08 17:20	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	1x	"	"	06/18/08 15:42	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-06 (SW6-0608)		**Water**				**Sampled: 06/09/08 14:01**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 15:42	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*116%*	*62.2 - 128 %*	"	"
	Toluene-d8	*96.2%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*101%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-07 (SW7-0608)		**Water**				**Sampled: 06/09/08 15:38**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 16:14	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**1.23**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**0.645**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	**41.4**	-----	2.00	"	2x	"	"	06/19/08 17:52	Chr	
Dibromomethane	"	ND	-----	1.00	"	1x	"	"	06/18/08 16:14	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**41.5**	-----	2.00	"	2x	"	"	06/19/08 17:52	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	1x	"	"	06/18/08 16:14	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-07 (SW7-0608)		**Water**				**Sampled: 06/09/08 15:38**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 16:14	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*119%*	*62.2 - 128 %*	"	"
	Toluene-d8	*95.0%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*96.4%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

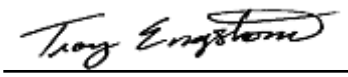
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-08 (SW8-0608)		**Water**				**Sampled: 06/09/08 16:59**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 16:46	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**0.237**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	**1.73**	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**21.8**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

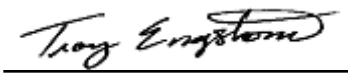
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-08 (SW8-0608)		**Water**				**Sampled: 06/09/08 16:59**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 16:46	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*118%*	*62.2 - 128 %*	"	"
	Toluene-d8	*92.9%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*93.0%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

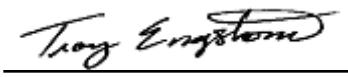
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-09 (SW9-0608)		**Water**				**Sampled: 06/10/08 08:25**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 17:18	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**1.58**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**1.42**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**10.5**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

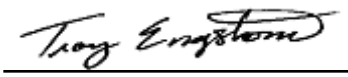
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-09 (SW9-0608)		**Water**				**Sampled: 06/10/08 08:25**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 17:18	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*120%*	*62.2 - 128 %*	"	"
	Toluene-d8	*94.9%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*93.5%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



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CS Approval Number: UST-067

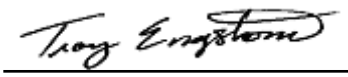
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-10 (SW10-0608)		**Water**				**Sampled: 06/10/08 09:07**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 17:50	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**1.68**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**5.07**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	**1.03**	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**3.59**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

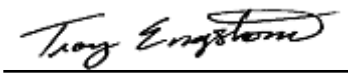
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-10 (SW10-0608)		**Water**				**Sampled: 06/10/08 09:07**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 17:50	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*116%*	*62.2 - 128 %*	"	"
	Toluene-d8	*93.1%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*95.0%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

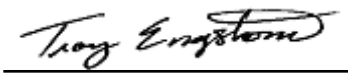
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-11 (SW11-0608)		**Water**				**Sampled: 06/10/08 10:18**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 18:22	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**2.64**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**0.324**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**20.9**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-11 (SW11-0608)		**Water**			**Sampled: 06/10/08 10:18**						
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 18:22	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*116%*	*62.2 - 128 %*	"	"
	Toluene-d8	*92.6%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*92.0%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

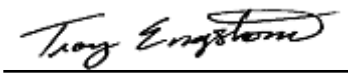
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-12 (SW12-0608)		**Water**				**Sampled: 06/10/08 11:33**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 18:54	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**2.29**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	ND	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	**1.02**	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**24.4**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-12 (SW12-0608)		**Water**				**Sampled: 06/10/08 11:33**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 18:54	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*120%*	*62.2 - 128 %*	"	"
	Toluene-d8	*91.1%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*94.2%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

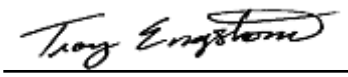
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-13 (SW13-0608)		**Water**				**Sampled: 06/10/08 13:34**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 19:26	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**1.84**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**0.658**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	**1.07**	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**9.62**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

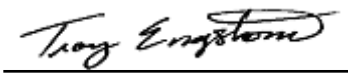
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-13 (SW13-0608)		**Water**				**Sampled: 06/10/08 13:34**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 19:26	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*123%*	*62.2 - 128 %*	"	"
	Toluene-d8	*91.7%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*93.2%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

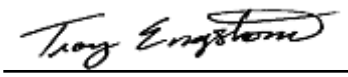
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-14 (SW14-0608)		**Water**				**Sampled: 06/11/08 10:43**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 19:55	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**1.89**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**0.372**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**12.6**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-14 (SW14-0608)		**Water**				**Sampled: 06/11/08 10:43**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 19:55	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*122%*	*62.2 - 128 %*	"	"
	Toluene-d8	*91.1%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*91.5%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage

Troy Engstrom

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ANCHORAGE, AK 99502-1119
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CS Approval Number: UST-067

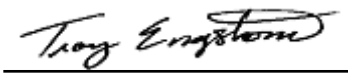
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-15 (SW15-0608)		**Water**				**Sampled: 06/11/08 11:52**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 20:27	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**1.79**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	**2.11**	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**1.18**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	**1.18**	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**1.18**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



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Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-15 (SW15-0608)		**Water**				**Sampled: 06/11/08 11:52**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 20:27	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*126%*	*62.2 - 128 %*	"	"
	Toluene-d8	*91.3%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*91.6%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

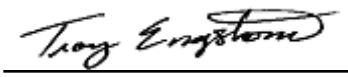
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-16 (SW16-0608)		**Water**				**Sampled: 06/11/08 13:09**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 20:59	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**1.91**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	ND	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**11.3**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

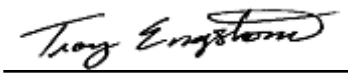
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-16 (SW16-0608)		**Water**				**Sampled: 06/11/08 13:09**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 20:59	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*119%*	*62.2 - 128 %*	"	"
	Toluene-d8	*92.3%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*93.2%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



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CS Approval Number: UST-067

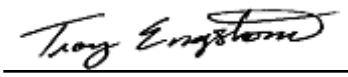
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-17 (DUP)		**Water**				**Sampled: 06/11/08 14:00**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 21:30	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	**5.12**	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	**8.55**	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**5.48**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**6.16**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

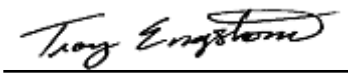
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-17 (DUP)		**Water**				**Sampled: 06/11/08 14:00**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 21:30	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*119%*	*62.2 - 128 %*	"	"
	Toluene-d8	*90.4%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*95.6%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

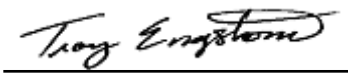
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-18 (DUP2)		**Water**				**Sampled: 06/11/08 15:21**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 22:02	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	**0.218**	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	**1.43**	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	**22.8**	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

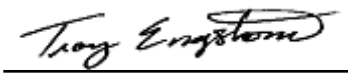
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-18 (DUP2)		**Water**				**Sampled: 06/11/08 15:21**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 22:02	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*120%*	*62.2 - 128 %*	"	"
	Toluene-d8	*93.0%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*88.8%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



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ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

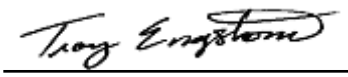
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-19 (Trip Blank)		**Water**				**Sampled: 06/11/08 00:00**					
Dichlorodifluoromethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 22:34	Chr	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Vinyl chloride	"	ND	-----	0.200	"	"	"	"	"	Chr	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methylene chloride	"	ND	-----	10.0	"	"	"	"	"	Chr	
Acetone	"	ND	-----	25.0	"	"	"	"	"	Chr	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Benzene	"	ND	-----	0.200	"	"	"	"	"	Chr	
1,2-Dichloroethane (EDC)	"	ND	-----	1.00	"	"	"	"	"	Chr	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Toluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	Chr	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	Chr	

TestAmerica Anchorage



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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

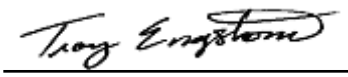
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-19 (Trip Blank)		**Water**			**Sampled: 06/11/08 00:00**						
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	8060105	06/18/08 10:50	06/18/08 22:34	Chr	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	Chr	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Styrene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	Chr	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	Chr	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	Chr	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	Chr	
Hexachlorobutadiene	"	ND	-----	1.00	"	"	"	"	"	Chr	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	Chr	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	Chr	

Surrogate(s):	*Dibromofluoromethane*	*121%*	*62.2 - 128 %*	"	"
	Toluene-d8	*90.2%*	*75.4 - 120 %*	"	"
	4-bromofluorobenzene	*91.9%*	*77.3 - 129 %*	"	"

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services
P.O. Box 83050
Fairbanks, AK 99708

Project Name: **Bentley Mall**
Project Number: [none]
Project Manager: Lyle Gresehover

Report Created: 07/01/08 15:18

Total Organic Carbon
TestAmerica Tacoma

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-01 (SW1-0608)			**Water**			**Sampled: 06/09/08 08:02**					
Total Organic Carbon	9060	**3.3**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-02 (SW2-0608)			**Water**			**Sampled: 06/09/08 09:04**					
Total Organic Carbon	9060	**3.4**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-03 (SW3-0608)			**Water**			**Sampled: 06/09/08 10:29**					
Total Organic Carbon	9060	**3.5**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-04 (SW4-0608)			**Water**			**Sampled: 06/09/08 11:34**					
Total Organic Carbon	9060	**3.3**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-05 (SW5-0608)			**Water**			**Sampled: 06/09/08 12:57**					
Total Organic Carbon	9060	**3.4**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-06 (SW6-0608)			**Water**			**Sampled: 06/09/08 14:01**					
Total Organic Carbon	9060	**3.5**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-07 (SW7-0608)			**Water**			**Sampled: 06/09/08 15:38**					
Total Organic Carbon	9060	**24**	-----	5.0	mg/L	5x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-08 (SW8-0608)			**Water**			**Sampled: 06/09/08 16:59**					
Total Organic Carbon	9060	**3.7**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-09 (SW9-0608)			**Water**			**Sampled: 06/10/08 08:25**					
Total Organic Carbon	9060	**3.4**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-10 (SW10-0608)			**Water**			**Sampled: 06/10/08 09:07**					
Total Organic Carbon	9060	**7.1**	-----	1.0	mg/L	1x	33498	06/30/08 10:55	06/30/08 10:55	AM	
ARF0054-11 (SW11-0608)			**Water**			**Sampled: 06/10/08 10:18**					
Total Organic Carbon	9060	**4.0**	-----	1.0	mg/L	1x	33499	06/30/08 11:00	06/30/08 11:00	AM	

TestAmerica Anchorage

Troy Engstrom

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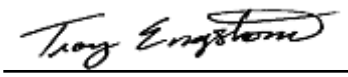
Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/01/08 15:18

Total Organic Carbon

TestAmerica Tacoma

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARF0054-12 (SW12-0608)			**Water**			**Sampled: 06/10/08 11:33**					
Total Organic Carbon	9060	**4.5**	-----	1.0	mg/L	1x	33499	06/30/08 11:00	06/30/08 11:00	AM	
ARF0054-13 (SW13-0608)			**Water**			**Sampled: 06/10/08 13:34**					
Total Organic Carbon	9060	**4.4**	-----	1.0	mg/L	1x	33499	06/30/08 11:00	06/30/08 11:00	AM	
ARF0054-14 (SW14-0608)			**Water**			**Sampled: 06/11/08 10:43**					
Total Organic Carbon	9060	**6.6**	-----	1.0	mg/L	1x	33499	06/30/08 11:00	06/30/08 11:00	AM	
ARF0054-15 (SW15-0608)			**Water**			**Sampled: 06/11/08 11:52**					
Total Organic Carbon	9060	**3.2**	-----	1.0	mg/L	1x	33499	06/30/08 11:00	06/30/08 11:00	AM	
ARF0054-16 (SW16-0608)			**Water**			**Sampled: 06/11/08 13:09**					
Total Organic Carbon	9060	**3.1**	-----	1.0	mg/L	1x	33499	06/30/08 11:00	06/30/08 11:00	AM	
ARF0054-18 (DUP2)			**Water**			**Sampled: 06/11/08 15:21**					
Total Organic Carbon	9060	**3.2**	-----	1.0	mg/L	1x	33499	06/30/08 11:00	06/30/08 11:00	AM	

TestAmerica Anchorage



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Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 8060067 **Water Preparation Method: RSK 175**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8060067-BLK1)								**Extracted: 06/18/08 10:01**						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	06/18/08 13:30	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
LCS (8060067-BS1)								**Extracted: 06/18/08 10:01**						
Methane	RSK 175	48.5	---	1.20	ug/l	1x	--	57.5	84.4%	(80-120)	--	--	06/18/08 13:30	
Ethane	"	95.8	---	10.0	"	"	--	112	85.6%	"	--	--	"	
Ethene	"	117	---	10.0	"	"	--	134	87.0%	"	--	--	"	
LCS Dup (8060067-BSD1)								**Extracted: 06/18/08 10:01**						
Methane	RSK 175	55.3	---	1.20	ug/l	1x	--	57.5	96.2%	(80-120)	13.1%	(25)	06/18/08 13:30	
Ethane	"	112	---	10.0	"	"	--	112	100%	"	15.5%	"	"	
Ethene	"	135	---	10.0	"	"	--	134	101%	"	15.0%	"	"	
Duplicate (8060067-DUP1)							**QC Source: ARF0054-06**						**Extracted: 06/18/08 10:01**	
Methane	RSK 175	56.5	---	1.20	ug/l	1x	70.5	--	--	--	22.0%	(35)	06/18/08 13:30	
Ethane	"	ND	---	10.0	"	"	ND	--	--	--	NR	(26.4)	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	20.4%	(24.2)	"	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

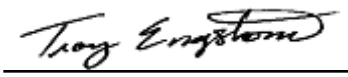
Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Spokane

QC Batch: 8060105 **Water Preparation Method: GC/MS Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8060105-BLK1)								**Extracted: 06/18/08 10:50**						
Dichlorodifluoromethane	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	06/18/08 11:29	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Acetone	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Benzene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane (EDC)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Spokane

QC Batch: 8060105 **Water Preparation Method: GC/MS Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8060105-BLK1)							**Extracted: 06/18/08 10:50**							
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	06/18/08 11:29	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): Dibromofluoromethane		*Recovery: 113%*			*Limits: 62.2-128%*	"							*06/18/08 11:29*	
Toluene-d8		*94.9%*			*75.4-120%*	"							*"*	
4-bromofluorobenzene		*103%*			*77.3-129%*	"							*"*	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	07/01/08 15:18

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Spokane

QC Batch: 8060105 **Water Preparation Method: GC/MS Volatiles**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8060105-BS1)								**Extracted: 06/18/08 10:50**						
1,1-Dichloroethene	EPA 8260B	11.5	---	1.00	ug/l	1x	--	10.0	115%	(60.4-140)	--	--	06/18/08 12:01	
Benzene	"	9.80	---	0.200	"	"	--	"	98.0%	(72.9-120)	--	--	"	
Trichloroethene	"	11.2	---	1.00	"	"	--	"	112%	(73.7-120)	--	--	"	
Toluene	"	9.59	---	1.00	"	"	--	"	95.9%	(72.4-132)	--	--	"	
Chlorobenzene	"	10.6	---	1.00	"	"	--	"	106%	(80-120)	--	--	"	
Surrogate(s): Dibromofluoromethane		*Recovery: 115%*			*Limits: 62.2-128%*	"							*06/18/08 12:01*	
Toluene-d8		*97.7%*			*75.4-120%*	"							"	
4-bromofluorobenzene		*105%*			*77.3-129%*	"							"	
Matrix Spike (8060105-MS1)							**QC Source: ARF0054-01**						**Extracted: 06/18/08 10:50**	
1,1-Dichloroethene	EPA 8260B	11.3	---	1.00	ug/l	1x	ND	10.0	113%	(52.5-135)	--	--	06/19/08 18:23	
Benzene	"	13.3	---	0.200	"	"	2.96	"	103%	(72.3-120)	--	--	"	
Trichloroethene	"	11.3	---	1.00	"	"	ND	"	113%	(80-120)	--	--	"	
Toluene	"	9.76	---	1.00	"	"	0.180	"	95.8%	(62.7-137)	--	--	"	
Chlorobenzene	"	10.5	---	1.00	"	"	ND	"	105%	(78.9-120)	--	--	"	
Surrogate(s): Dibromofluoromethane		*Recovery: 120%*			*Limits: 62.2-128%*	"							*06/19/08 18:23*	
Toluene-d8		*98.3%*			*75.4-120%*	"							"	
4-bromofluorobenzene		*108%*			*77.3-129%*	"							"	
Matrix Spike Dup (8060105-MSD1)							**QC Source: ARF0054-01**						**Extracted: 06/18/08 10:50**	
1,1-Dichloroethene	EPA 8260B	12.2	---	1.00	ug/l	1x	ND	10.0	122%	(52.5-135)	7.87%	(10.5)	06/19/08 18:55	
Benzene	"	14.2	---	0.200	"	"	2.96	"	112%	(72.3-120)	6.64%	(10.7)	"	
Trichloroethene	"	12.5	---	1.00	"	"	ND	"	125%	(80-120)	9.87%	(10)	"	M7
Toluene	"	10.6	---	1.00	"	"	0.180	"	104%	(62.7-137)	8.29%	(13)	"	
Chlorobenzene	"	11.3	---	1.00	"	"	ND	"	113%	(78.9-120)	7.62%	(11.2)	"	
Surrogate(s): Dibromofluoromethane		*Recovery: 121%*			*Limits: 62.2-128%*	"							*06/19/08 18:55*	
Toluene-d8		*98.1%*			*75.4-120%*	"							"	
4-bromofluorobenzene		*110%*			*77.3-129%*	"							"	

TestAmerica Anchorage

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Total Organic Carbon - Laboratory Quality Control Results

TestAmerica Tacoma

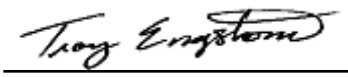
QC Batch: 33498 **Water Preparation Method: NA**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (104571S)					**QC Source: ARF0054-01**				**Extracted: 06/30/08 10:55**					
Total Organic Carbon	9060	14.4	---	1.0	mg/L	1x	3.3	10.0	110%	(49-142)	--	--	06/30/08 10:55	
Duplicate (104571X)					**QC Source: ARF0054-01**				**Extracted: 06/30/08 10:55**					
Total Organic Carbon	9060	3.02	---	1.0	mg/L	1x	3.3	--	--	--	10%	(20)	06/30/08 10:55	
Blank (580-33498-1)					**QC Source:**				**Extracted: 06/30/08 10:55**					
Total Organic Carbon	9060	ND	---	1.0	mg/L	1x	--	--	--	--	--	--	06/30/08 10:55	
LCS (580-33498-2)					**QC Source:**				**Extracted: 06/30/08 10:55**					
Total Organic Carbon	9060	14.6	---	1.0	mg/L	1x	--	15.0	98%	(-)	--	--	06/30/08 10:55	

QC Batch: 33499 **Water Preparation Method: NA**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (1045711S)					**QC Source: ARF0054-11**				**Extracted: 06/30/08 11:00**					
Total Organic Carbon	9060	14.8	---	1.0	mg/L	1x	4.0	10.0	108%	(49-142)	--	--	06/30/08 11:00	
Duplicate (1045711X)					**QC Source: ARF0054-11**				**Extracted: 06/30/08 11:00**					
Total Organic Carbon	9060	3.91	---	1.0	mg/L	1x	4.0	--	--	--	3%	(20)	06/30/08 11:00	
Blank (580-33499-1)					**QC Source:**				**Extracted: 06/30/08 11:00**					
Total Organic Carbon	9060	ND	---	1.0	mg/L	1x	--	--	--	--	--	--	06/30/08 11:00	
LCS (580-33499-2)					**QC Source:**				**Extracted: 06/30/08 11:00**					
Total Organic Carbon	9060	15.1	---	1.0	mg/L	1x	--	15.0	101%	(-)	--	--	06/30/08 11:00	

TestAmerica Anchorage



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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	07/01/08 15:18

Notes and Definitions

Report Specific Notes:

M7 - The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR/NA - Not Reported / Not Available

dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.

wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.

RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

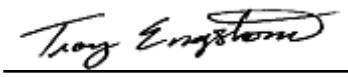
MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES

ARES
P.O. Box 83050
Fairbanks, Alaska 99708
Phone: 907.374.3226
Fax: 907.374.2319

Chain of Custody Report

ARF 0054

Client: Alaska Resources and Environmental Services		Invoice To: ARES, P.O. Box 83050, Fairbanks, Alaska 99708	Laboratory Name: Test America Inc. Address: 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
Report To: Lyle Gresehover		P.O. Number:	
Address: ARES, P.O. Box 83050			
Email: lyle@ak-res.com			
Phone: (907) 374-3226	Fax: (907)374-3219		
Project Name: Bentley Mall			
Project Number:			
Sampled By: Lyle Gresehover			

Turnaround Request
In Business Days

Organic & Inorganic Analyses

10	7	5	4	3	2	1	<1

Petroleum Hydrocarbon Analyses

5	4	3	2	1	<1

Specify Other: Standard TAT
Report Tier Levels: Tier II reporting requested (results + QC)

	Sample Identification	Sampling Date/ Time		Preservative: HCL	HCL	Sulfuric								Matrix (W,S,O)	# of Cont.	Location / Comments	Lab ID
				Requested Analyses: VOC EPA 8260B	M, E, E, * RSK 175	TOC EPA 9060											
1	SW1-0608	06/09/2008	0802	X	X	X								W	7		01
2	SW2-0608	06/09/2008	0904	X	X	X								W	7		02
3	SW3-0608	06/09/2008	1029	X	X	X								W	7		03
4	SW4-0608	06/09/2008	1134	X	X	X								W	7		04
5	SW5-0608	06/09/2008	1257	X	X	X								W	7		05
6	SW6-0608	06/09/2008	1401	X	X	X								W	7		06
7	SW7-0608	06/09/2008	1538	X	X	X								W	7		07
8	SW8-0608	06/09/2008	1659	X	X	X								W	7		08
9	SW9-0608	06/10/2008	0825	X	X	X								W	7		09
10	SW10-0608	06/10/2008	0907	X	X	X								W	7		10

Released By: Jason Gresehover	Date: 06/13/2008	Received By: David Houston TA	Date: 6-13-08
Print Name: Jason Gresehover Firm: ARES	Time: 1400	Print Name: David Houston Firm: Anch	Time: 16:53
Released By:	Date:	Received By:	Date:
Print Name: Firm:	Time:	Print Name: Firm:	Time:

Additional Remarks: * M, E, E = Methane, Ethane, Ethene

Temp: 3.1 °C

COC REV 01/2008

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES

ARES
P.O. Box 83050
Fairbanks, Alaska 99708
Phone: 907.374.3226
Fax: 907.374.2319

Chain of Custody Report

ARF0054

Client: Alaska Resources and Environmental Services

Report To: Lyle Gresehover
Address: ARES, P.O. Box 83050
Email: lyle@ak-res.com
Phone: (907) 374-3226 Fax: (907)374-3219

Project Name: Bentley Mall
Project Number:
Sampled By: Lyle Gresehover

Invoice To: ARES, P.O. Box 83050, Fairbanks, Alaska 99708

P.O. Number:

Laboratory Name: Test America Inc.
Address: 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

Turnaround Request In Business Days

Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1

Specify Other: Standard TAT
Report Tier Levels: Tier II reporting requested (results + QC)

	Sample Identification	Sampling Date/ Time		Preservative: HCL	HCL	Sulfuric								Matrix (W,S,O)	# of Cont.	Location / Comments	Lab ID
				Requested Analyses: VOC EPA 8260B	M, E, E, * RSK 175	TOC EPA 9060											
1	SW11-0608	06/10/2008	1018	X	X	X								W	7		11
2	SW12-0608	06/10/2008	1133	X	X	X								W	7		12
3	SW13-0608	06/10/2008	1334	X	X	X								W	7		13
4	SW14-0608	06/11/2008	1043	X	X	X								W	7		14
5	SW15-0608	06/11/2008	1152	X	X	X								W	7		15
6	SW16-0608	06/11/2008	1309	X	X	X								W	7		16
7	DUP	06/11/2008	1400	X										W	3		17
8	DUP2	06/11/2008	1521	X	X	X								W	7		18
9	Trip Blank			X										W	2		19
10																	

Released By: Jason Gresehover Date: 06/13/2008
Print Name: Jason Gresehover Firm: ARES Time: 1400

Received By: David Houston Date: 6-13-08
Print Name: David Houston Firm: TA Anch. Time: 16:53

Released By: Date:
Print Name: Firm: Time:

Received By: Date:
Print Name: Firm: Time:

Additional Remarks: * M, E, E = Methane, Ethane, Ethene

Temp: 3.1°C

COC REV 02/2008

Large Blue cooler

Test America Cooler Receipt Form

(Army Corps. Compliant)

WORK ORDER # ARF0054 CLIENT: ARES PROJECT: Bentley Mall

Date /Time Cooler Arrived 6/13/08 16:53 Cooler signed for by: David Houston (Print name)

Preliminary Examination Phase:

Date cooler opened: ☒ same as date received or ___/___/___

Cooler opened by (print) David Houston (sign) David Houston

1. Delivered by ☒ ALASKA AIRLINES ☐ Fed-Ex ☐ UPS ☐ NAC ☐ LYNDEN ☐ ICLIENT ☐ Other:

Shipment Tracking # if applicable 724 0962 (include copy of shipping papers in file)

2. Number of Custody Seals 1 Signed by Jason Gresehover Date 6/13/08

Were custody seals unbroken and intact on arrival? ☒ Yes ☐ No

3. Were custody papers sealed in a plastic bag? ☒ Yes ☐ No

4. Were custody papers filled out properly (ink, signed, etc.)? ☒ Yes ☐ No

5. Did you sign the custody papers in the appropriate place? ☒ Yes ☐ No

6. Was ice used? ☐ Yes ☐ No Type of ice: ☐ blue ice ☒ gel ice ☐ real ice ☐ dry ice Condition of Ice: good

Temperature by Digi-Thermo Probe 3.1 °C Thermometer # Rec#4

Acceptance Criteria: 0 - 6°C

7. Packing in Cooler: ☒ bubble wrap ☐ styrofoam ☐ cardboard ☐ Other:

8. Did samples arrive in plastic bags? ☒ Yes ☐ No

9. Did all bottles arrive unbroken, and with labels in good condition? ☒ Yes ☐ No

10. Are all bottle labels complete (ID, date, time, etc.) ☐ Yes ☒ No Sample SW13-0608 has wrong time

11. Do bottle labels and Chain of Custody agree? ☒ Yes ☐ No

12. Are the containers and preservatives correct for the tests indicated? ☒ Yes ☐ No

13. Conoco Phillips, Alyeska, BP H2O samples only: pH < 2? ☐ Yes ☐ No ☒ N/A

14. Is there adequate volume for the tests requested? ☒ Yes ☐ No

15. Were VOA vials free of bubbles? ☐ N/A ☒ Yes ☐ No

If "NO" which containers contained "head space" or bubbles? ___

Log-in Phase:

Date of sample log-in 06/13/08

Samples logged in by (print) Johanna Dreher (sign) Johanna Dreher

1. Was project identifiable from custody papers? ☒ Yes ☐ No
2. Do Turn Around Times and Due Dates agree? ☒ Yes ☐ No
3. Was the Project Manager notified of status? ☒ Yes ☐ No
4. Was the Lab notified of status? ☒ Yes ☐ No
5. Was the COC scanned and copied? ☒ Yes ☐ No

CUSTODY SEAL

Date 06/13/08

Signature

TestAmerica
ANALYTICAL TESTING CORPORATION

ARF 0054

Groundwater Analytical Results (MW)
October 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

October 29, 2008

Lyle Gresehover
Alaska Resources & Environmental Services
P.O. Box 83050
Fairbanks, AK 99708

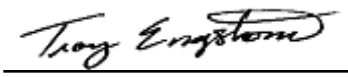
RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 10/10/08 10:50. The following list is a summary of the Work Orders contained in this report, generated on 10/29/08 16:43.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
ARJ0029	Bentley Mall	[none]

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

TestAmerica
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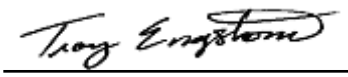
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-1008	ARJ0029-01	Water	10/06/08 10:54	10/10/08 10:50
MW2-1008	ARJ0029-02	Water	10/06/08 13:10	10/10/08 10:50
MW3-1008	ARJ0029-03	Water	10/06/08 15:27	10/10/08 10:50
MW4-1008	ARJ0029-04	Water	10/06/08 17:59	10/10/08 10:50
MW5-1008	ARJ0029-05	Water	10/07/08 10:26	10/10/08 10:50
MW6-1008	ARJ0029-06	Water	10/07/08 11:53	10/10/08 10:50
MW7-1008	ARJ0029-07	Water	10/07/08 14:17	10/10/08 10:50
MW8-1008	ARJ0029-08	Water	10/07/08 16:33	10/10/08 10:50
MW9-1008	ARJ0029-09	Water	10/08/08 09:59	10/10/08 10:50
MW10-1008	ARJ0029-10	Water	10/08/08 12:20	10/10/08 10:50
MW11-1008	ARJ0029-11	Water	10/08/08 14:29	10/10/08 10:50
MW12-1008	ARJ0029-12	Water	10/08/08 16:42	10/10/08 10:50
MW13-1008	ARJ0029-13	Water	10/08/08 18:43	10/10/08 10:50
MWDUP1-1008	ARJ0029-14	Water	10/08/08 20:38	10/10/08 10:50
MWDUP2-1008	ARJ0029-15	Water	10/08/08 22:54	10/10/08 10:50
Trip Blank	ARJ0029-16	Water	10/08/08 00:00	10/10/08 10:50

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Analytical Case Narrative

TestAmerica - Anchorage, AK

ARJ0029

Thrirteen samples were subcontracted to TestAmerica - Tacoma for TOC analysis. Two of these samples ARJ0029-06 (MW6-1008) and ARJ0029-10 (MW10-1008) were broken during shipment. No results are available for these samples. TOC analysis was cancelled for both samples.

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

TestAmerica
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CS Approval Number: UST-067

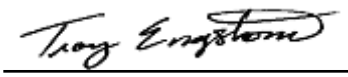
Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Hydrocarbons by GC/FID Headspace

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-01 (MW1-1008)			**Water**			**Sampled: 10/06/08 10:54**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8100034	10/15/08 08:49	10/15/08 09:32	KB	
Ethane	"	ND	-----	10.0	"	"	"	"	"	KB	
Ethene	"	ND	-----	10.0	"	"	"	"	"	KB	
ARJ0029-02 (MW2-1008)			**Water**			**Sampled: 10/06/08 13:10**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8100034	10/15/08 08:49	10/15/08 09:32	KB	
Ethane	"	ND	-----	10.0	"	"	"	"	"	KB	
Ethene	"	ND	-----	10.0	"	"	"	"	"	KB	
ARJ0029-03 (MW3-1008)			**Water**			**Sampled: 10/06/08 15:27**					
Methane	RSK 175	**5.35**	-----	1.20	ug/l	1x	8100034	10/15/08 08:49	10/15/08 09:32	KB	
Ethane	"	ND	-----	10.0	"	"	"	"	"	KB	
Ethene	"	ND	-----	10.0	"	"	"	"	"	KB	
ARJ0029-04 (MW4-1008)			**Water**			**Sampled: 10/06/08 17:59**					
Methane	RSK 175	**1.95**	-----	1.20	ug/l	1x	8100034	10/15/08 08:49	10/15/08 09:32	KB	
Ethane	"	ND	-----	10.0	"	"	"	"	"	KB	
Ethene	"	ND	-----	10.0	"	"	"	"	"	KB	
ARJ0029-05 (MW5-1008)			**Water**			**Sampled: 10/07/08 10:26**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8100034	10/15/08 08:49	10/15/08 09:32	KB	
Ethane	"	ND	-----	10.0	"	"	"	"	"	KB	
Ethene	"	ND	-----	10.0	"	"	"	"	"	KB	
ARJ0029-06 (MW6-1008)			**Water**			**Sampled: 10/07/08 11:53**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8100034	10/15/08 08:49	10/15/08 09:32	KB	
Ethane	"	ND	-----	10.0	"	"	"	"	"	KB	
Ethene	"	ND	-----	10.0	"	"	"	"	"	KB	
ARJ0029-07 (MW7-1008)			**Water**			**Sampled: 10/07/08 14:17**					
Methane	RSK 175	**216**	-----	1.20	ug/l	1x	8100034	10/15/08 08:49	10/15/08 09:32	KB	
Ethane	"	ND	-----	10.0	"	"	"	"	"	KB	
Ethene	"	ND	-----	10.0	"	"	"	"	"	KB	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

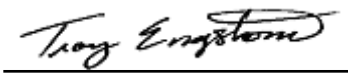
Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Hydrocarbons by GC/FID Headspace

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-08 (MW8-1008)			**Water**				**Sampled: 10/07/08 16:33**				
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8100053	10/20/08 09:31	10/20/08 13:26	DS	
Ethane	"	ND	-----	10.0	"	"	"	"	"	DS	
Ethene	"	ND	-----	10.0	"	"	"	"	"	DS	
ARJ0029-09 (MW9-1008)			**Water**				**Sampled: 10/08/08 09:59**				
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8100053	10/20/08 09:31	10/20/08 13:26	DS	
Ethane	"	ND	-----	10.0	"	"	"	"	"	DS	
Ethene	"	ND	-----	10.0	"	"	"	"	"	DS	
ARJ0029-10 (MW10-1008)			**Water**				**Sampled: 10/08/08 12:20**				
Methane	RSK 175	**855**	-----	1.20	ug/l	1x	8100053	10/20/08 09:31	10/20/08 13:26	DS	
Ethane	"	ND	-----	10.0	"	"	"	"	"	DS	
Ethene	"	ND	-----	10.0	"	"	"	"	"	DS	
ARJ0029-11 (MW11-1008)			**Water**				**Sampled: 10/08/08 14:29**				
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8100053	10/20/08 09:31	10/20/08 13:26	DS	
Ethane	"	ND	-----	10.0	"	"	"	"	"	DS	
Ethene	"	ND	-----	10.0	"	"	"	"	"	DS	
ARJ0029-12 (MW12-1008)			**Water**				**Sampled: 10/08/08 16:42**				
Methane	RSK 175	**7.26**	-----	1.20	ug/l	1x	8100053	10/20/08 09:31	10/20/08 13:26	DS	
Ethane	"	ND	-----	10.0	"	"	"	"	"	DS	
Ethene	"	ND	-----	10.0	"	"	"	"	"	DS	
ARJ0029-13 (MW13-1008)			**Water**				**Sampled: 10/08/08 18:43**				
Methane	RSK 175	**2.18**	-----	1.20	ug/l	1x	8100053	10/20/08 09:31	10/20/08 13:26	DS	
Ethane	"	ND	-----	10.0	"	"	"	"	"	DS	
Ethene	"	ND	-----	10.0	"	"	"	"	"	DS	

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-01 (MW1-1008)		**Water**				**Sampled: 10/06/08 10:54**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 18:27	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	**7.52**	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-01 (MW1-1008)		**Water**				**Sampled: 10/06/08 10:54**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 18:27	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**5.54**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**12.7**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s):	*1,2-DCA-d4*		*101%*		*70 - 130 %*	"			"		
	Toluene-d8		*102%*		*75 - 125 %*	"			"		
	4-BFB		*98.6%*		*75 - 125 %*	"			"		

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-02 (MW2-1008)		**Water**				**Sampled: 10/06/08 13:10**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 06:45	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	**4.77**	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	**6.43**	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

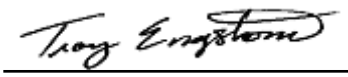
Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-02 (MW2-1008)		**Water**				**Sampled: 10/06/08 13:10**					
cis-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 06:45	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	**4.59**	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**14.3**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	

Surrogate(s):	*1,2-DCA-d4*	*99.2%*	*70 - 130 %*	"		"
	Toluene-d8	*98.8%*	*75 - 125 %*	"		"
	4-BFB	*99.7%*	*75 - 125 %*	"		"

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

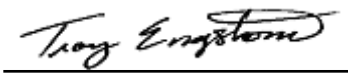
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-02RE1 (MW2-1008)		**Water**				**Sampled: 10/06/08 13:10**					
Tetrachloroethene	EPA 8260B	**1050**	-----	20.0	ug/l	20x	8J15062	10/15/08 21:00	10/16/08 07:37	EC	
Surrogate(s): 1,2-DCA-d4			*99.0%*		*70 - 130 %*	*1x*				*"*	
Toluene-d8			*99.9%*		*75 - 125 %*	*"*				*"*	
4-BFB			*101%*		*75 - 125 %*	*"*				*"*	
ARJ0029-03 (MW3-1008)		**Water**				**Sampled: 10/06/08 15:27**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 05:27	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

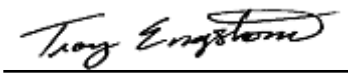
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-03 (MW3-1008)		**Water**				**Sampled: 10/06/08 15:27**					
cis-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 05:27	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**1.32**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-03 (MW3-1008)		**Water**				**Sampled: 10/06/08 15:27**					
Surrogate(s): 1,2-DCA-d4		*99.1%*			*70 - 130 %*	*1x*			*10/16/08 05:27*		
Toluene-d8		*99.9%*			*75 - 125 %*	*"*			*"*		
4-BFB		*101%*			*75 - 125 %*	*"*			*"*		
ARJ0029-04 (MW4-1008)		**Water**				**Sampled: 10/06/08 17:59**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 07:11	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-04 (MW4-1008)		**Water**				**Sampled: 10/06/08 17:59**					
trans-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 07:11	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	**7.94**	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**3.88**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s): 1,2-DCA-d4			*99.5%*		*70 - 130 %*	"			"		
Toluene-d8			*101%*		*75 - 125 %*	"			"		

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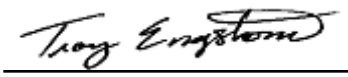

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-04 (MW4-1008)		**Water**				**Sampled: 10/06/08 17:59**					
4-BFB			*99.1%*		*75 - 125 %*	*1x*			*10/16/08 07:11*		
ARJ0029-04RE1 (MW4-1008)		**Water**				**Sampled: 10/06/08 17:59**					
Tetrachloroethene	EPA 8260B	**139**	-----	10.0	ug/l	10x	8J15062	10/15/08 21:00	10/16/08 08:02	EC	
Surrogate(s): 1,2-DCA-d4			*101%*		*70 - 130 %*	*1x*			*"*		
Toluene-d8			*100%*		*75 - 125 %*	*"*			*"*		
4-BFB			*99.1%*		*75 - 125 %*	*"*			*"*		
ARJ0029-05 (MW5-1008)		**Water**				**Sampled: 10/07/08 10:26**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 05:53	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-05 (MW5-1008)		**Water**				**Sampled: 10/07/08 10:26**					
1,1-Dichloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 05:53	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**5.57**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

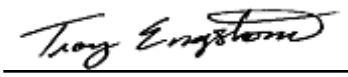
Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-05 (MW5-1008)		**Water**				**Sampled: 10/07/08 10:26**					
o-Xylene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 05:53	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s): 1,2-DCA-d4			*97.9%*		*70 - 130 %*	"			"		
Toluene-d8			*101%*		*75 - 125 %*	"			"		
4-BFB			*102%*		*75 - 125 %*	"			"		
ARJ0029-06 (MW6-1008)		**Water**				**Sampled: 10/07/08 11:53**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 06:19	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage



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ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

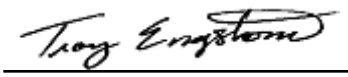
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-06 (MW6-1008)		**Water**				**Sampled: 10/07/08 11:53**					
1,2-Dichloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 06:19	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**3.22**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	**1.60**	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-06 (MW6-1008)		**Water**				**Sampled: 10/07/08 11:53**					
m,p-Xylene	EPA 8260B	ND	-----	2.00	ug/l	1x	8J15062	10/15/08 21:00	10/16/08 06:19	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): 1,2-DCA-d4			*98.0%*		*70 - 130 %*	"			"		
Toluene-d8			*100%*		*75 - 125 %*	"			"		
4-BFB			*100%*		*75 - 125 %*	"			"		
ARJ0029-07 (MW7-1008)		**Water**				**Sampled: 10/07/08 14:17**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J16042	10/16/08 14:53	10/16/08 19:29	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	

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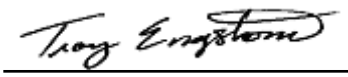

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-07 (MW7-1008)		**Water**				**Sampled: 10/07/08 14:17**					
1,1-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J16042	10/16/08 14:53	10/16/08 19:29	KPS	
cis-1,2-Dichloroethene	"	**6.57**	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**3.81**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	**2.71**	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-07 (MW7-1008)		**Water**				**Sampled: 10/07/08 14:17**					
Total Xylenes	EPA 8260B	ND	-----	3.00	ug/l	1x	8J16042	10/16/08 14:53	10/16/08 19:29	KPS	
Surrogate(s): 1,2-DCA-d4			*102%*		*70 - 130 %*	"			"		
Toluene-d8			*100%*		*75 - 125 %*	"			"		
4-BFB			*98.6%*		*75 - 125 %*	"			"		
ARJ0029-08 (MW8-1008)		**Water**				**Sampled: 10/07/08 16:33**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J16042	10/16/08 14:53	10/16/08 19:55	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-08 (MW8-1008)		**Water**				**Sampled: 10/07/08 16:33**					
cis-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J16042	10/16/08 14:53	10/16/08 19:55	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	**1.54**	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-08 (MW8-1008)		**Water**				**Sampled: 10/07/08 16:33**					
Surrogate(s): 1,2-DCA-d4		*102%*			*70 - 130 %*	*1x*			*10/16/08 19:55*		
Toluene-d8		*101%*			*75 - 125 %*	*"*			*"*		
4-BFB		*99.0%*			*75 - 125 %*	*"*			*"*		
ARJ0029-09 (MW9-1008)		**Water**				**Sampled: 10/08/08 09:59**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 17:02	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-09 (MW9-1008)		**Water**				**Sampled: 10/08/08 09:59**					
trans-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 17:02	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**12.4**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	**2.99**	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s): 1,2-DCA-d4		*94.4%*		*70 - 130 %*		"			"		

TestAmerica Anchorage

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Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-09 (MW9-1008)		**Water**				**Sampled: 10/08/08 09:59**					
Toluene-d8		*102%*		*75 - 125 %*		*1x*			*10/15/08 17:02*		
4-BFB		*98.6%*		*75 - 125 %*		*"*			*"*		
ARJ0029-10 (MW10-1008)		**Water**				**Sampled: 10/08/08 12:20**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 17:27	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	**4.95**	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	

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Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

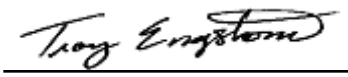
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-10 (MW10-1008)		**Water**				**Sampled: 10/08/08 12:20**					
1,2-Dichloropropane	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 17:27	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**96.2**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	**16.8**	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s): 1,2-DCA-d4			*95.8%*		*70 - 130 %*	"			"		
Toluene-d8			*100%*		*75 - 125 %*	"			"		

TestAmerica Anchorage



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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-10 (MW10-1008)		**Water**				**Sampled: 10/08/08 12:20**					
4-BFB		*100%*			*75 - 125 %*	*1x*			*10/15/08 17:27*		
ARJ0029-11 (MW11-1008)		**Water**				**Sampled: 10/08/08 14:29**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 17:56	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	**1.02**	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-11 (MW11-1008)		**Water**				**Sampled: 10/08/08 14:29**					
1,3-Dichloropropane	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 17:56	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**15.5**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	**2.74**	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**4.43**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s): *1,2-DCA-d4*			*95.6%*		*70 - 130 %*	"			"		
Toluene-d8			*102%*		*75 - 125 %*	"			"		
4-BFB			*99.8%*		*75 - 125 %*	"			"		

TestAmerica Anchorage

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-12 (MW12-1008)		**Water**				**Sampled: 10/08/08 16:42**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J13033	10/13/08 14:41	10/13/08 21:20	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	C5
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	L
cis-1,2-Dichloroethene	"	**1.97**	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-12 (MW12-1008)		**Water**				**Sampled: 10/08/08 16:42**					
1,1-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J13033	10/13/08 14:41	10/13/08 21:20	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	**26.9**	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**16.2**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	

Surrogate(s):	*1,2-DCA-d4*	*97.6%*	*70 - 130 %*	"		"
	Toluene-d8	*94.0%*	*75 - 125 %*	"		"
	4-BFB	*99.8%*	*75 - 125 %*	"		"

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Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-12RE1 (MW12-1008)		**Water**				**Sampled: 10/08/08 16:42**					
Tetrachloroethene	EPA 8260B	**308**	-----	20.0	ug/l	20x	8J15059	10/15/08 12:00	10/15/08 16:36	EC	
Surrogate(s): 1,2-DCA-d4		*101%*		*70 - 130 %*		*1x*			"		
Toluene-d8		*102%*		*75 - 125 %*		"			"		
4-BFB		*100%*		*75 - 125 %*		"			"		
ARJ0029-13 (MW13-1008)		**Water**				**Sampled: 10/08/08 18:43**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J13033	10/13/08 14:41	10/13/08 21:47	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	**3.12**	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	**C5**
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	**L**

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Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-13 (MW13-1008)		**Water**				**Sampled: 10/08/08 18:43**					
cis-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J13033	10/13/08 14:41	10/13/08 21:47	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**52.1**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**1.86**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	

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Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-13 (MW13-1008)		**Water**				**Sampled: 10/08/08 18:43**					
Surrogate(s): 1,2-DCA-d4		*99.4%*		*70 - 130 %*		*1x*			*10/13/08 21:47*		
Toluene-d8		*94.4%*		*75 - 125 %*		*"*			*"*		
4-BFB		*99.4%*		*75 - 125 %*		*"*			*"*		
ARJ0029-14 (MWDUP1-1008)		**Water**				**Sampled: 10/08/08 20:38**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 19:07	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	**1.07**	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	

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Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

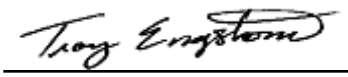
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-14 (MWDUP1-1008)		**Water**				**Sampled: 10/08/08 20:38**					
trans-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 19:07	EC	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**10.8**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	**2.74**	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**2.23**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s): 1,2-DCA-d4		*97.8%*		*70 - 130 %*		"			"		

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-14 (MWDUP1-1008)		**Water**				**Sampled: 10/08/08 20:38**					
Toluene-d8		*103%*			*75 - 125 %*	*1x*			*10/15/08 19:07*		
4-BFB		*99.8%*			*75 - 125 %*	*"*			*"*		
ARJ0029-15 (MWDUP2-1008)		**Water**				**Sampled: 10/08/08 22:54**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 19:33	EC	
Benzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	EC	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	EC	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	EC	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	EC	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	EC	
Chloroform	"	**2.69**	-----	1.00	"	"	"	"	"	EC	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	EC	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	

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Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

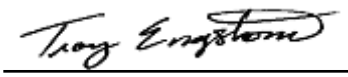
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-15 (MWDUP2-1008)		**Water**				**Sampled: 10/08/08 22:54**					
1,2-Dichloropropane	EPA 8260B	ND	-----	1.00	ug/l	1x	8J15059	10/15/08 12:00	10/15/08 19:33	EC	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	EC	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	EC	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	EC	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	EC	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	EC	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	EC	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	EC	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	EC	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Styrene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	EC	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Tetrachloroethene	"	**53.4**	-----	1.00	"	"	"	"	"	EC	
Toluene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	EC	
Trichlorofluoromethane	"	**1.69**	-----	1.00	"	"	"	"	"	EC	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	EC	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	EC	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	EC	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	EC	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	EC	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	EC	
Surrogate(s): 1,2-DCA-d4			*97.9%*		*70 - 130 %*	"			"		
Toluene-d8			*102%*		*75 - 125 %*	"			"		

TestAmerica Anchorage



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-15 (MWDUP2-1008)		**Water**				**Sampled: 10/08/08 22:54**					
4-BFB		*98.4%*			*75 - 125 %*	*1x*			*10/15/08 19:33*		
ARJ0029-16 (Trip Blank)		**Water**				**Sampled: 10/08/08 00:00**					
Acetone	EPA 8260B	ND	-----	20.0	ug/l	1x	8J13052	10/13/08 19:21	10/14/08 01:47	KPS	
Benzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Bromomethane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	C
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	KPS	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1-Chlorohexane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	KPS	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	KPS	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-16 (Trip Blank)		**Water**			**Sampled: 10/08/08 00:00**						
1,3-Dichloropropane	EPA 8260B	ND	-----	1.00	ug/l	1x	8J13052	10/13/08 19:21	10/14/08 01:47	KPS	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Hexachlorobutadiene	"	ND	-----	5.00	"	"	"	"	"	KPS	
Methyl tert-butyl ether	"	ND	-----	2.00	"	"	"	"	"	KPS	
n-Hexane	"	ND	-----	2.00	"	"	"	"	"	KPS	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
4-Methyl-2-pentanone	"	ND	-----	10.0	"	"	"	"	"	KPS	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	KPS	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	KPS	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Styrene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	KPS	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Toluene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	KPS	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	KPS	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	KPS	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	KPS	
Total Xylenes	"	ND	-----	3.00	"	"	"	"	"	KPS	
Surrogate(s): *1,2-DCA-d4*			*106%*		*70 - 130 %*	"			"		
Toluene-d8			*101%*		*75 - 125 %*	"			"		
4-BFB			*206%*		*75 - 125 %*	"			"		***Z2***

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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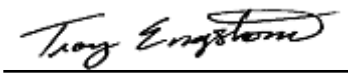
Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Organic Carbon, Total (TOC)

TestAmerica Tacoma

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARJ0029-01 (MW1-1008)			**Water**			**Sampled: 10/06/08 10:54**					
Total Organic Carbon	9060 STD	**3.1**	*0.33*	1.0	mg/L	1x	37469	10/24/08 11:54	10/24/08 11:54	AM	
ARJ0029-02 (MW2-1008)			**Water**			**Sampled: 10/06/08 13:10**					
Total Organic Carbon	9060 STD	**11**	*0.33*	1.0	mg/L	1x	37469	10/24/08 11:54	10/24/08 11:54	AM	
ARJ0029-03 (MW3-1008)			**Water**			**Sampled: 10/06/08 15:27**					
Total Organic Carbon	9060 STD	**2.4**	*0.33*	1.0	mg/L	1x	37536	10/27/08 15:34	10/27/08 15:34	AM	
ARJ0029-04 (MW4-1008)			**Water**			**Sampled: 10/06/08 17:59**					
Total Organic Carbon	9060 STD	**4.1**	*0.33*	1.0	mg/L	1x	37536	10/27/08 15:34	10/27/08 15:34	AM	
ARJ0029-05 (MW5-1008)			**Water**			**Sampled: 10/07/08 10:26**					
Total Organic Carbon	9060 STD	**1.8**	*0.33*	1.0	mg/L	1x	37536	10/27/08 15:34	10/27/08 15:34	AM	
ARJ0029-07 (MW7-1008)			**Water**			**Sampled: 10/07/08 14:17**					
Total Organic Carbon	9060 STD	**7.4**	*0.33*	1.0	mg/L	1x	37536	10/27/08 15:34	10/27/08 15:34	AM	
ARJ0029-08 (MW8-1008)			**Water**			**Sampled: 10/07/08 16:33**					
Total Organic Carbon	9060 STD	**3.6**	*0.33*	1.0	mg/L	1x	37536	10/27/08 15:34	10/27/08 15:34	AM	
ARJ0029-09 (MW9-1008)			**Water**			**Sampled: 10/08/08 09:59**					
Total Organic Carbon	9060 STD	**3.6**	*0.33*	1.0	mg/L	1x	37536	10/28/08 15:34	10/28/08 15:34	AM	
ARJ0029-11 (MW11-1008)			**Water**			**Sampled: 10/08/08 14:29**					
Total Organic Carbon	9060 STD	**5.5**	*0.33*	1.0	mg/L	1x	37536	10/28/08 15:34	10/28/08 15:34	AM	
ARJ0029-12 (MW12-1008)			**Water**			**Sampled: 10/08/08 16:42**					
Total Organic Carbon	9060 STD	**15**	*0.33*	1.0	mg/L	1x	37536	10/28/08 15:34	10/28/08 15:34	AM	
ARJ0029-13 (MW13-1008)			**Water**			**Sampled: 10/08/08 18:43**					
Total Organic Carbon	9060 STD	**3.9**	*0.33*	1.0	mg/L	1x	37536	10/28/08 15:34	10/28/08 15:34	AM	

TestAmerica Anchorage



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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results

TestAmerica Anchorage

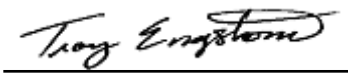
QC Batch: 8100034 **Water Preparation Method: RSK 175**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8100034-BLK1)								**Extracted: 10/15/08 08:49**						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	10/15/08 09:32	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
LCS (8100034-BS1)								**Extracted: 10/15/08 08:49**						
Methane	RSK 175	53.9	---	1.20	ug/l	1x	--	56.3	95.7%	(80-120)	--	--	10/15/08 09:32	
Ethane	"	109	---	10.0	"	"	--	110	99.5%	"	--	--	"	
Ethene	"	136	---	10.0	"	"	--	135	101%	"	--	--	"	
LCS Dup (8100034-BSD1)								**Extracted: 10/15/08 08:49**						
Methane	RSK 175	60.6	---	1.20	ug/l	1x	--	56.3	108%	(80-120)	11.8%	(25)	10/15/08 09:32	
Ethane	"	122	---	10.0	"	"	--	110	111%	"	11.0%	"	"	
Ethene	"	153	---	10.0	"	"	--	135	113%	"	11.7%	"	"	
Duplicate (8100034-DUP1)							**QC Source: ARJ0022-01**						**Extracted: 10/15/08 08:49**	
Methane	RSK 175	39.4	---	1.20	ug/l	1x	43.7	--	--	--	10.2%	(35)	10/15/08 09:32	
Ethane	"	ND	---	10.0	"	"	ND	--	--	--	NR	(26.4)	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	NR	(24.2)	"	

QC Batch: 8100053 **Water Preparation Method: RSK 175**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8100053-BLK1)								**Extracted: 10/20/08 09:31**						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	10/20/08 13:26	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
LCS (8100053-BS1)								**Extracted: 10/20/08 09:31**						
Methane	RSK 175	47.1	---	1.20	ug/l	1x	--	56.3	83.6%	(80-120)	--	--	10/20/08 13:26	
Ethane	"	94.9	---	10.0	"	"	--	110	86.3%	"	--	--	"	
Ethene	"	117	---	10.0	"	"	--	135	86.8%	"	--	--	"	
LCS Dup (8100053-BSD1)								**Extracted: 10/20/08 09:31**						
Methane	RSK 175	53.5	---	1.20	ug/l	1x	--	56.3	95.0%	(80-120)	12.8%	(25)	10/20/08 13:26	
Ethane	"	108	---	10.0	"	"	--	110	98.0%	"	12.7%	"	"	
Ethene	"	134	---	10.0	"	"	--	135	98.9%	"	13.1%	"	"	

TestAmerica Anchorage



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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 8100053 **Water Preparation Method: RSK 175**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8100053-DUP1)				**QC Source: ARJ0041-01**				**Extracted: 10/20/08 09:31**						
Methane	RSK 175	2550	---	52.0	ug/l	43.3x	2450	--	--	--	3.90%	(35)	10/20/08 13:26	
Ethane	"	ND	---	10.0	"	1x	ND	--	--	--	24.5%	(26.4)	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	126%	(24.2)	"	R4

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J13033 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J13033-BLK1)								**Extracted: 10/13/08 14:41**						
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	10/13/08 20:23	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	C5
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	L
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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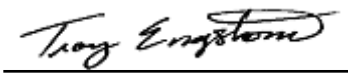

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J13033 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J13033-BLK1)							**Extracted: 10/13/08 14:41**							
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	10/13/08 20:23	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*1,2-DCA-d4*	*Recovery: 96.4%*	*Limits: 70-130%*	"	*10/13/08 20:23*
	Toluene-d8	*95.4%*	*75-125%*	"	"
	4-BFB	*99.3%*	*75-125%*	"	"

TestAmerica Anchorage

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J13033 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8J13033-BS1)								**Extracted: 10/13/08 14:41**						
Benzene	EPA 8260B	43.6	---	1.00	ug/l	1x	--	40.0	109%	(80-120)	--	--	10/13/08 14:49	
Chlorobenzene	"	36.9	---	1.00	"	"	--	"	92.2%	"	--	--	"	
1,1-Dichloroethene	"	51.6	---	1.00	"	"	--	"	129%	(75-125)	--	--	"	L1
Methyl tert-butyl ether	"	46.0	---	2.00	"	"	--	"	115%	(75-126)	--	--	"	
Toluene	"	37.4	---	1.00	"	"	--	"	93.5%	(75-125)	--	--	"	
Trichloroethene	"	43.9	---	1.00	"	"	--	"	110%	"	--	--	"	
Total Xylenes	"	111	---	3.00	"	"	--	120	92.4%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 98.4%*			*Limits: 70-130%*	"							*10/13/08 14:49*	
Toluene-d8		*92.4%*			*75-125%*	"							"	
4-BFB		*98.4%*			*75-125%*	"							"	
Matrix Spike (8J13033-MS1)							**QC Source: BRJ0149-01**		**Extracted: 10/13/08 14:41**					
Benzene	EPA 8260B	316	---	1.00	ug/l	1x	275	40.0	103%	(80-124)	--	--	10/13/08 15:15	
Chlorobenzene	"	19.1	---	1.00	"	"	ND	"	47.7%	(75-127)	--	--	"	M2
1,1-Dichloroethene	"	50.5	---	1.00	"	"	ND	"	126%	(66-140)	--	--	"	
Methyl tert-butyl ether	"	43.4	---	2.00	"	"	ND	"	109%	(75-126)	--	--	"	
Toluene	"	91.0	---	1.00	"	"	53.8	"	93.0%	(75-125)	--	--	"	
Trichloroethene	"	47.0	---	1.00	"	"	ND	"	117%	(56-155)	--	--	"	
Total Xylenes	"	750	---	3.00	"	"	721	120	24.7%	(75-125)	--	--	"	MHA
Surrogate(s): 1,2-DCA-d4		*Recovery: 98.4%*			*Limits: 70-130%*	"							*10/13/08 15:15*	
Toluene-d8		*94.1%*			*75-125%*	"							"	
4-BFB		*108%*			*75-125%*	"							"	
Matrix Spike Dup (8J13033-MSD1)							**QC Source: BRJ0149-01**		**Extracted: 10/13/08 14:41**					
Benzene	EPA 8260B	339	---	1.00	ug/l	1x	275	40.0	160%	(80-124)	6.91%	(20)	10/13/08 15:41	MHA
Chlorobenzene	"	19.5	---	1.00	"	"	ND	"	48.8%	(75-127)	2.38%	"	"	M2
1,1-Dichloroethene	"	54.3	---	1.00	"	"	ND	"	136%	(66-140)	7.21%	(30)	"	
Methyl tert-butyl ether	"	45.5	---	2.00	"	"	ND	"	114%	(75-126)	4.66%	"	"	
Toluene	"	97.5	---	1.00	"	"	53.8	"	109%	(75-125)	6.91%	(20)	"	
Trichloroethene	"	50.6	---	1.00	"	"	ND	"	127%	(56-155)	7.42%	"	"	
Total Xylenes	"	766	---	3.00	"	"	721	120	38.0%	(75-125)	2.10%	(30)	"	MHA
Surrogate(s): 1,2-DCA-d4		*Recovery: 97.4%*			*Limits: 70-130%*	"							*10/13/08 15:41*	
Toluene-d8		*95.0%*			*75-125%*	"							"	
4-BFB		*109%*			*75-125%*	"							"	

TestAmerica Anchorage

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

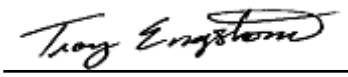
Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J13052 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J13052-BLK1)								**Extracted: 10/13/08 19:21**						
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	10/13/08 22:18	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	C
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J13052 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J13052-BLK1)							**Extracted: 10/13/08 19:21**							
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	10/13/08 22:18	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 96.2%*			*Limits: 70-130%*	"							*10/13/08 22:18*	
Toluene-d8		*105%*			*75-125%*	"							"	
4-BFB		*249%*			*75-125%*	"							"	*Z2*

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J13052 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8J13052-BS1)								**Extracted: 10/13/08 18:21**						
Benzene	EPA 8260B	40.6	---	1.00	ug/l	1x	--	40.0	102%	(80-120)	--	--	10/13/08 19:13	
Chlorobenzene	"	39.4	---	1.00	"	"	--	"	98.6%	"	--	--	"	
1,1-Dichloroethene	"	43.1	---	1.00	"	"	--	"	108%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	39.8	---	2.00	"	"	--	"	99.5%	(75-126)	--	--	"	
Toluene	"	38.7	---	1.00	"	"	--	"	96.7%	(75-125)	--	--	"	
Trichloroethene	"	40.4	---	1.00	"	"	--	"	101%	"	--	--	"	
Total Xylenes	"	125	---	3.00	"	"	--	120	104%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 102%*			*Limits: 70-130%*	"							*10/13/08 19:13*	
Toluene-d8		*99.0%*			*75-125%*	"							*"*	
4-BFB		*98.4%*			*75-125%*	"							*"*	
LCS Dup (8J13052-BSD1)								**Extracted: 10/13/08 19:21**						
Benzene	EPA 8260B	39.8	---	1.00	ug/l	1x	--	40.0	99.5%	(80-120)	2.06%	(20)	10/13/08 19:43	
Chlorobenzene	"	39.1	---	1.00	"	"	--	"	97.7%	"	0.968%	"	"	
1,1-Dichloroethene	"	42.1	---	1.00	"	"	--	"	105%	(75-125)	2.37%	"	"	
Methyl tert-butyl ether	"	40.0	---	2.00	"	"	--	"	100%	(75-126)	0.526%	"	"	
Toluene	"	38.0	---	1.00	"	"	--	"	95.1%	(75-125)	1.62%	"	"	
Trichloroethene	"	39.9	---	1.00	"	"	--	"	99.8%	"	1.07%	"	"	
Total Xylenes	"	123	---	3.00	"	"	--	120	102%	"	1.81%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 103%*			*Limits: 70-130%*	"							*10/13/08 19:43*	
Toluene-d8		*98.9%*			*75-125%*	"							*"*	
4-BFB		*100%*			*75-125%*	"							*"*	
Matrix Spike (8J13052-MS1)					**QC Source: BRJ0148-04**			**Extracted: 10/13/08 19:21**						
Benzene	EPA 8260B	42.1	---	1.00	ug/l	1x	ND	40.0	105%	(80-124)	--	--	10/13/08 20:13	
Chlorobenzene	"	41.3	---	1.00	"	"	ND	"	103%	(75-127)	--	--	"	
1,1-Dichloroethene	"	45.2	---	1.00	"	"	ND	"	113%	(66-140)	--	--	"	
Methyl tert-butyl ether	"	39.6	---	2.00	"	"	ND	"	99.1%	(75-126)	--	--	"	
Toluene	"	40.4	---	1.00	"	"	ND	"	101%	(75-125)	--	--	"	
Trichloroethene	"	42.5	---	1.00	"	"	ND	"	106%	(56-155)	--	--	"	
Total Xylenes	"	131	---	3.00	"	"	ND	120	109%	(75-125)	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 101%*			*Limits: 70-130%*	"							*10/13/08 20:13*	
Toluene-d8		*100%*			*75-125%*	"							*"*	
4-BFB		*99.5%*			*75-125%*	"							*"*	

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Troy J. Engstrom, Lab Director

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J13052 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8J13052-MSD1)					**QC Source: BRJ0148-04**				**Extracted: 10/13/08 19:21**					
Benzene	EPA 8260B	40.7	---	1.00	ug/l	1x	ND	40.0	102%	(80-124)	3.38%	(20)	10/13/08 20:43	
Chlorobenzene	"	39.9	---	1.00	"	"	ND	"	99.8%	(75-127)	3.30%	"	"	
1,1-Dichloroethene	"	43.2	---	1.00	"	"	ND	"	108%	(66-140)	4.59%	(30)	"	
Methyl tert-butyl ether	"	40.1	---	2.00	"	"	ND	"	100%	(75-126)	1.20%	"	"	
Toluene	"	38.8	---	1.00	"	"	ND	"	96.9%	(75-125)	4.22%	(20)	"	
Trichloroethene	"	41.1	---	1.00	"	"	ND	"	103%	(56-155)	3.30%	"	"	
Total Xylenes	"	126	---	3.00	"	"	ND	120	105%	(75-125)	3.94%	(30)	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 103%*			*Limits: 70-130%*	"							*10/13/08 20:43*	
Toluene-d8		*99.0%*			*75-125%*	"							*"*	
4-BFB		*100%*			*75-125%*	"							*"*	

QC Batch: 8J15059 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J15059-BLK1)									**Extracted: 10/15/08 12:00**					
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	10/15/08 15:31	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J15059 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J15059-BLK1)								**Extracted: 10/15/08 12:00**						
Dibromomethane	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	10/15/08 15:31	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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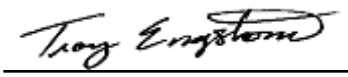

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Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

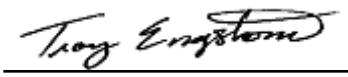
Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J15059 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J15059-BLK1)								**Extracted: 10/15/08 12:00**						
1,2,4-Trimethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	10/15/08 15:31	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 102%*			*Limits: 70-130%*	"							*10/15/08 15:31*	
Toluene-d8		*103%*			*75-125%*	"							"	
4-BFB		*98.4%*			*75-125%*	"							"	
LCS (8J15059-BS1)								**Extracted: 10/15/08 12:00**						
Benzene	EPA 8260B	38.8	---	1.00	ug/l	1x	--	40.0	96.9%	(80-120)	--	--	10/15/08 13:57	
Chlorobenzene	"	36.7	---	1.00	"	"	--	"	91.7%	"	--	--	"	
1,1-Dichloroethene	"	44.8	---	1.00	"	"	--	"	112%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	45.8	---	2.00	"	"	--	"	115%	(75-126)	--	--	"	
Toluene	"	38.2	---	1.00	"	"	--	"	95.4%	(75-125)	--	--	"	
Trichloroethene	"	40.7	---	1.00	"	"	--	"	102%	"	--	--	"	
Total Xylenes	"	110	---	3.00	"	"	--	120	91.6%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 99.6%*			*Limits: 70-130%*	"							*10/15/08 13:57*	
Toluene-d8		*98.6%*			*75-125%*	"							"	
4-BFB		*97.2%*			*75-125%*	"							"	
LCS Dup (8J15059-BSD1)								**Extracted: 10/15/08 12:00**						
Benzene	EPA 8260B	37.9	---	1.00	ug/l	1x	--	40.0	94.7%	(80-120)	2.24%	(20)	10/15/08 14:23	
Chlorobenzene	"	36.1	---	1.00	"	"	--	"	90.3%	"	1.54%	"	"	
1,1-Dichloroethene	"	41.6	---	1.00	"	"	--	"	104%	(75-125)	7.39%	"	"	
Methyl tert-butyl ether	"	43.8	---	2.00	"	"	--	"	110%	(75-126)	4.39%	"	"	
Toluene	"	37.4	---	1.00	"	"	--	"	93.5%	(75-125)	2.01%	"	"	
Trichloroethene	"	38.9	---	1.00	"	"	--	"	97.2%	"	4.50%	"	"	
Total Xylenes	"	106	---	3.00	"	"	--	120	88.6%	"	3.34%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 98.0%*			*Limits: 70-130%*	"							*10/15/08 14:23*	
Toluene-d8		*99.4%*			*75-125%*	"							"	
4-BFB		*99.5%*			*75-125%*	"							"	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J15062 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J15062-BLK1)								**Extracted: 10/15/08 21:00**						
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	10/16/08 00:16	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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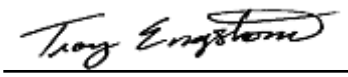

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J15062 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J15062-BLK1)							**Extracted: 10/15/08 21:00**							
Ethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	10/16/08 00:16	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*1,2-DCA-d4*	*Recovery: 102%*	*Limits: 70-130%*	"	*10/16/08 00:16*
	Toluene-d8	*102%*	*75-125%*	"	"
	4-BFB	*98.4%*	*75-125%*	"	"

TestAmerica Anchorage

Troy Engstrom

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J15062 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8J15062-BS1)								**Extracted: 10/15/08 21:00**						
Benzene	EPA 8260B	39.6	---	1.00	ug/l	1x	--	40.0	98.9%	(80-120)	--	--	10/15/08 21:08	
Chlorobenzene	"	37.4	---	1.00	"	"	--	"	93.5%	"	--	--	"	
1,1-Dichloroethene	"	44.4	---	1.00	"	"	--	"	111%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	45.1	---	2.00	"	"	--	"	113%	(75-126)	--	--	"	
Toluene	"	38.6	---	1.00	"	"	--	"	96.5%	(75-125)	--	--	"	
Trichloroethene	"	40.8	---	1.00	"	"	--	"	102%	"	--	--	"	
Total Xylenes	"	111	---	3.00	"	"	--	120	92.3%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 100%*			*Limits: 70-130%*	"							*10/15/08 21:08*	
Toluene-d8		*98.2%*			*75-125%*	"							"	
4-BFB		*97.7%*			*75-125%*	"							"	
LCS Dup (8J15062-BSD1)								**Extracted: 10/15/08 21:00**						
Benzene	EPA 8260B	37.9	---	1.00	ug/l	1x	--	40.0	94.8%	(80-120)	4.28%	(20)	10/15/08 21:34	
Chlorobenzene	"	35.8	---	1.00	"	"	--	"	89.4%	"	4.40%	"	"	
1,1-Dichloroethene	"	40.5	---	1.00	"	"	--	"	101%	(75-125)	9.21%	"	"	
Methyl tert-butyl ether	"	40.8	---	2.00	"	"	--	"	102%	(75-126)	10.1%	"	"	
Toluene	"	37.0	---	1.00	"	"	--	"	92.4%	(75-125)	4.29%	"	"	
Trichloroethene	"	38.9	---	1.00	"	"	--	"	97.2%	"	4.87%	"	"	
Total Xylenes	"	107	---	3.00	"	"	--	120	88.9%	"	3.75%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 98.5%*			*Limits: 70-130%*	"							*10/15/08 21:34*	
Toluene-d8		*98.1%*			*75-125%*	"							"	
4-BFB		*99.0%*			*75-125%*	"							"	
Matrix Spike (8J15062-MS1)					**QC Source: BRJ0167-02**			**Extracted: 10/15/08 21:00**						
Benzene	EPA 8260B	39.9	---	1.00	ug/l	1x		40.0	99.6%	(80-124)	--	--	10/15/08 22:08	
Chlorobenzene	"	36.7	---	1.00	"	"		"	91.7%	(75-127)	--	--	"	
1,1-Dichloroethene	"	44.7	---	1.00	"	"		"	112%	(66-140)	--	--	"	
Methyl tert-butyl ether	"	43.4	---	2.00	"	"		"	109%	(75-126)	--	--	"	
Toluene	"	38.7	---	1.00	"	"		"	96.8%	(75-125)	--	--	"	
Trichloroethene	"	41.4	---	1.00	"	"		"	104%	(56-155)	--	--	"	
Total Xylenes	"	110	---	3.00	"	"		120	91.4%	(75-125)	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 97.6%*			*Limits: 70-130%*	"							*10/15/08 22:08*	
Toluene-d8		*97.4%*			*75-125%*	"							"	
4-BFB		*98.4%*			*75-125%*	"							"	

TestAmerica Anchorage

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

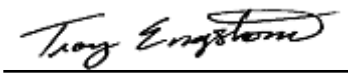
QC Batch: 8J15062 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8J15062-MSD1)					**QC Source: BRJ0167-02**				**Extracted: 10/15/08 21:00**					
Benzene	EPA 8260B	38.3	---	1.00	ug/l	1x		40.0	95.8%	(80-124)	3.99%	(20)	10/15/08 22:34	
Chlorobenzene	"	36.2	---	1.00	"	"		"	90.4%	(75-127)	1.46%	"	"	
1,1-Dichloroethene	"	42.6	---	1.00	"	"		"	107%	(66-140)	4.69%	(30)	"	
Methyl tert-butyl ether	"	40.2	---	2.00	"	"		"	101%	(75-126)	7.63%	"	"	
Toluene	"	37.8	---	1.00	"	"		"	94.4%	(75-125)	2.51%	(20)	"	
Trichloroethene	"	39.7	---	1.00	"	"		"	99.3%	(56-155)	4.17%	"	"	
Total Xylenes	"	108	---	3.00	"	"		120	89.8%	(75-125)	1.82%	(30)	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 97.6%*		*Limits: 70-130%*	"								*10/15/08 22:34*	
Toluene-d8		*98.0%*		*75-125%*	"								"	
4-BFB		*98.4%*		*75-125%*	"								"	

QC Batch: 8J16042 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J16042-BLK1)									**Extracted: 10/16/08 14:53**					
Acetone	EPA 8260B	ND	---	20.0	ug/l	1x	--	--	--	--	--	--	10/16/08 18:12	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1-Chlorohexane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

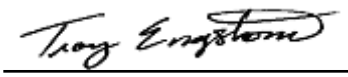
Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J16042 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J16042-BLK1)								**Extracted: 10/16/08 14:53**						
Dibromomethane	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	10/16/08 18:12	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Hexane	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**
P.O. Box 83050	Project Number:	[none]
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover

Report Created: 10/29/08 16:43

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8J16042 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J16042-BLK1)								**Extracted: 10/16/08 14:53**						
1,2,4-Trimethylbenzene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	10/16/08 18:12	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Total Xylenes	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 100%*			*Limits: 70-130%*	"							*10/16/08 18:12*	
Toluene-d8			*100%*		*75-125%*	"							"	
4-BFB			*99.2%*		*75-125%*	"							"	
LCS (8J16042-BS1)								**Extracted: 10/16/08 14:53**						
Benzene	EPA 8260B	39.7	---	1.00	ug/l	1x	--	40.0	99.2%	(80-120)	--	--	10/16/08 16:03	
Chlorobenzene	"	37.0	---	1.00	"	"	--	"	92.6%	"	--	--	"	
1,1-Dichloroethene	"	45.1	---	1.00	"	"	--	"	113%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	45.3	---	2.00	"	"	--	"	113%	(75-126)	--	--	"	
Toluene	"	38.3	---	1.00	"	"	--	"	95.8%	(75-125)	--	--	"	
Trichloroethene	"	40.6	---	1.00	"	"	--	"	102%	"	--	--	"	
Total Xylenes	"	109	---	3.00	"	"	--	120	91.0%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 98.8%*			*Limits: 70-130%*	"							*10/16/08 16:03*	
Toluene-d8			*98.1%*		*75-125%*	"							"	
4-BFB			*98.9%*		*75-125%*	"							"	
LCS Dup (8J16042-BSD1)								**Extracted: 10/16/08 14:53**						
Benzene	EPA 8260B	40.0	---	1.00	ug/l	1x	--	40.0	100%	(80-120)	0.803%	(20)	10/16/08 16:29	
Chlorobenzene	"	36.7	---	1.00	"	"	--	"	91.7%	"	1.00%	"	"	
1,1-Dichloroethene	"	43.2	---	1.00	"	"	--	"	108%	(75-125)	4.37%	"	"	
Methyl tert-butyl ether	"	43.0	---	2.00	"	"	--	"	108%	(75-126)	5.05%	"	"	
Toluene	"	37.8	---	1.00	"	"	--	"	94.6%	(75-125)	1.26%	"	"	
Trichloroethene	"	40.6	---	1.00	"	"	--	"	101%	"	0.197%	"	"	
Total Xylenes	"	108	---	3.00	"	"	--	120	90.0%	"	1.12%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 95.9%*			*Limits: 70-130%*	"							*10/16/08 16:29*	
Toluene-d8			*96.6%*		*75-125%*	"							"	
4-BFB			*97.8%*		*75-125%*	"							"	

TestAmerica Anchorage

Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Organic Carbon, Total (TOC) - Laboratory Quality Control Results

TestAmerica Tacoma

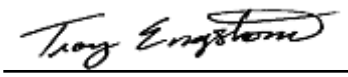
QC Batch: 37469 **Water Preparation Method: NA**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (580-37469-1)				**QC Source:**					**Extracted: 10/24/08 11:54**					
Total Organic Carbon	9060 STD	ND	0.33	1.0	mg/L	1x	--	--	--	--	--	--	10/24/08 11:54	
LCS (580-37469-2)				**QC Source:**					**Extracted: 10/24/08 11:54**					
Total Organic Carbon	9060 STD	12.7	0.33	1.0	mg/L	1x	--	15.0	85%	(85-115)	--	--	10/24/08 11:54	

QC Batch: 37536 **Water Preparation Method: NA**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (115763S)				**QC Source: ARJ0029-03**					**Extracted: 10/27/08 15:34**					
Total Organic Carbon	9060 STD	10.7	0.33	1.0	mg/L	1x	2.4	10.0	83%	(49-142)	--	--	10/27/08 15:34	
Duplicate (115763X)				**QC Source: ARJ0029-03**					**Extracted: 10/27/08 15:34**					
Total Organic Carbon	9060 STD	2.21	0.33	1.0	mg/L	1x	2.4	--	--	--	8%	(20)	10/27/08 15:34	
Blank (580-37536-1)				**QC Source:**					**Extracted: 10/27/08 15:34**					
Total Organic Carbon	9060 STD	ND	0.33	1.0	mg/L	1x	--	--	--	--	--	--	10/27/08 15:34	
LCS (580-37536-2)				**QC Source:**					**Extracted: 10/27/08 15:34**					
Total Organic Carbon	9060 STD	13.6	0.33	1.0	mg/L	1x	--	15.0	90%	(85-115)	--	--	10/27/08 15:34	

TestAmerica Anchorage



Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	10/29/08 16:43

Notes and Definitions

Report Specific Notes:

C	-	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C5	-	Calibration Verification recovery was below the method control limit for this analyte. An additional check standard was analyzed at the reporting limit to ensure instrument sensitivity at the reporting limit. Samples ND.
L	-	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	-	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
M2	-	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA	-	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
Z2	-	Surrogate recovery was above the acceptance limits. Data not impacted.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

ARJ0029

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES

ARES
P.O. Box 83050
Fairbanks, Alaska 99708
Phone: 907.374.3226
Fax: 907.374.2319

Chain of Custody Report

Client: Alaska Resources and Environmental Services

Report To: Lyle Gresehover
Address: ARES, P.O. Box 83050
Email: lyle@ak-res.com
Phone: (907) 374-3226 Fax: (907)374-3219

Project Name: Bentley Mall 10/6/2008
Project Number:
Sampled By: Lyle Gresehover

Invoice To: ARES, P.O. Box 83050, Fairbanks, Alaska 99708

P.O. Number:

Laboratory Name: Test America Inc.
Address: 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

Turnaround Request In Business Days

Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1

Specify Other: Standard and Rush (below)
Report Tier Levels: Tier II reporting requested (results + QC)

	Sample Identification	Sampling Date/ Time		Preservative: HCL	HCL	sulfuric	Requested Analyses: VOC EPA 8260 B	M.E.E.* RSK 175	TOC EPA 9060	Matrix (W,S,O)	# of Cont.	Location / Comments	Lab ID
1	MW1-1008	10/6/2008	1054				X	X	X	W	7		1
2	MW2-1008	10/6/2008	1310				X	X	X	W	7		2
3	MW3-1008	10/6/2008	1527				X	X	X	W	7		3
4	MW4-1008	10/6/2008	1759				X	X	X	W	7		4
5	MW5-1008	10/7/2008	1026				X	X	X	W	7		5
6	MW6-1008	10/7/2008	1153				X	X	X	W	7		6
7	MW7-1008	10/7/2008	1417				X	X	X	W	7		7
8	MW8-1008	10/7/2008	1633				X	X	X	W	7		8
9	MW9-1008	10/8/2008	959				X	X	X	W	7		9
10	MW10-1008	10/8/2008	1220				X	X	X	W	7		10

Released By: Jason Gresehover
Print Name: Jason Gresehover Firm: ARES Date: 10/9/2008 Time: 1100

Received By:
Print Name: DALTON MAHAR Firm: Test America AK Date: 10/10/08 Time: 10:50

Released By:
Print Name: Firm: Date: Time:

Received By:
Print Name: Firm: Date: Time:

Additional Remarks: **Level II Reporting Requested (* M.E.E. = Methane, Ethane, Ethene). Please run samples MW-12, and MW-13 on 3 day rush for VOC's.**

Temp: 2.8°C

COC REV 02/2008

OTHER TAT's STANDARD.

AR3002 9

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES

ARES
P.O. Box 83050
Fairbanks, Alaska 99708
Phone: 907.374.3226
Fax: 907.374.2319

Chain of Custody Report

Client: Alaska Resources and Environmental Services

Report To: Lyle Gresehover
Address: ARES, P.O. Box 83050
Email: lyle@ak-res.com
Phone: (907) 374-3226 Fax: (907)374-3219

Project Name: Bentley Mall 10/6/2008
Project Number:
Sampled By: Lyle Gresehover

Invoice To: ARES, P.O. Box 83050, Fairbanks, Alaska 99708

P.O. Number:

Laboratory Name: Test America Inc.
Address: 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

Turnaround Request
In Business Days

Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1

Specify Other: Standard and Rush (below)
Report Tier Levels: Tier II reporting requested (results + QC)

	Sample Identification	Sampling Date/ Time		Preservative: HCL	HCL	sulfuric								Matrix (W,S,O)	# of Cont.	Location / Comments	Lab ID
				Requested Analyses: VOC EPA 8260 B	M.E.E. * RSK 175	TOC EPA 9060											
1	MW11-1008	10/8/2008	1429	X	X	X								W	7		11
2	MW12-1008	10/8/2008	1642	X	X	X								W	7		12
3	MW13-1008	10/8/2008	1843	X	X	X								W	7		13
4	MWDUP1-1008	10/8/2008	2038	X										W	3		14
5	MWDUP2-1008	10/8/2008	2254	X										W	3		15
6																	
7																	
8																	
9																	
10																	

Released By: Jason Gresehover
Print Name: Jason Gresehover Firm: ARES
Date: 10/9/2008
Time: 1100

Received By:
Print Name: DACOBET MAGAR Firm: TestAmerica AK
Date: 10/10/08
Time: 10:50

Released By:
Print Name: Firm:
Date:
Time:

Received By:
Print Name: Firm:
Date:
Time:

Additional Remarks: **Level II Reporting Requested (* M.E.E. = Methane, Ethane, Ethene). Please run samples MW-12, and MW-13 on 3 day rush for VOC's.**

Temp: 2.8°C

COC REV 02/2008

OTHER TAT's STANDARD

Test America Anchorage Cooler Receipt Form

(Army Corps. Compliant)

WORK ORDER # ARJ0029 **CLIENT:** ARES **PROJECT:** BENTLEY MALL 10/6/2008

Date /Time Cooler Arrived 10 / 10 / 08 10 : 50 Cooler signed for by: JOHNNA DREGHOR (Print name)

Preliminary Examination Phase:

Date cooler opened: ☑ same as date received or ____/____/____

Cooler opened by (print) DALJEET MAHAL (sign) [signature]

1. Delivered by ☐ ALASKA AIRLINES ☐ Fed-Ex ☐ UPS ☐ NAC ☐ LYNDEN ☐ CLIENT ☐ Other: ____

Shipment Tracking # if applicable ____ (include copy of shipping papers in file)

2. Number of Custody Seals 1. Signed by LYLE GREENHOVER Date 10 / 9 / 08

Were custody seals unbroken and intact on arrival? ☑ Yes ☐ No

3. Were custody papers sealed in a plastic bag? ☑ Yes ☐ No

4. Were custody papers filled out properly (ink, signed, etc.)? ☑ Yes ☐ No

5. Did you sign the custody papers in the appropriate place? ☑ Yes ☐ No

6. Was ice used? ☑ Yes ☐ No Type of ice: ☐ blue ice ☑ gel ice ☐ real ice ☐ dry ice Condition of Ice: good

Temperature by Digi-Thermo Probe 2.8 °C Thermometer # RCT # 3
Acceptance Criteria: 0 - 6°C

7. Packing in Cooler: ☑ bubble wrap ☐ styrofoam ☐ cardboard ☐ Other: ____

8. Did samples arrive in plastic bags? ☐ Yes ☑ No

9. Did all bottles arrive unbroken, and with labels in good condition? ☑ Yes ☐ No

10. Are all bottle labels complete (ID, date, time, etc.) ☑ Yes ☐ No

11. Do bottle labels and Chain of Custody agree? ☑ Yes ☐ No

12. Are the containers and preservatives correct for the tests indicated? ☑ Yes ☐ No

13. Conoco Phillips, Alyeska, BP H2O samples only: pH < 2? ☐ Yes ☐ No ☑ N/A

14. Is there adequate volume for the tests requested? ☑ Yes ☐ No

15. Were VOA vials free of bubbles? ☐ N/A ☐ Yes ☑ No

If "NO" which containers contained "head space" or bubbles? TRIP BLANKS CONTAIN BUBBLES

Log-in Phase:

Date of sample log-in 10 / 10 / 08

Samples logged in by (print) DALJEET MAHAL (sign) [signature]

1. Was project identifiable from custody papers? ☑ Yes ☐ No
2. Do Turn Around Times and Due Dates agree? ☑ Yes ☐ No
3. Was the Project Manager notified of status? ☑ Yes ☐ No
4. Was the Lab notified of status? ☑ Yes ☐ No
5. Was the COC scanned and copied? ☑ Yes ☐ No

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186862

Custody Seal 10/2/08

DATE

SIGNATURE

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186862

Groundwater Analytical Results (MW)
December 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

January 13, 2009

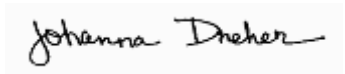
Lyle Gresehover
Alaska Resources & Environmental Services
P.O. Box 83050
Fairbanks, AK 99708

RE: Bentley Mall

Enclosed are the results of analyses for samples received by the laboratory on 12/23/08 16:45. The following list is a summary of the Work Orders contained in this report, generated on 01/13/09 16:47.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
ARL0050	Bentley Mall	[none]



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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-1208	ARL0050-01	Water	12/18/08 10:51	12/23/08 16:45
MW2-1208	ARL0050-02	Water	12/18/08 13:07	12/23/08 16:45
MW3-1208	ARL0050-03	Water	12/18/08 15:27	12/23/08 16:45
MW4-1208	ARL0050-04	Water	12/18/08 18:02	12/23/08 16:45
MW5-1208	ARL0050-05	Water	12/19/08 10:24	12/23/08 16:45
MW7-1208	ARL0050-06	Water	12/19/08 11:57	12/23/08 16:45
MW8-1208	ARL0050-07	Water	12/19/08 14:11	12/23/08 16:45
MW9-1208	ARL0050-08	Water	12/19/08 16:30	12/23/08 16:45
MW10-1208	ARL0050-09	Water	12/20/08 10:09	12/23/08 16:45
MW11-1208	ARL0050-10	Water	12/20/08 12:22	12/23/08 16:45
MW12-1208	ARL0050-11	Water	12/20/08 14:35	12/23/08 16:45
MW13-1208	ARL0050-12	Water	12/20/08 16:49	12/23/08 16:45
MWDUP1-1208	ARL0050-13	Water	12/18/08 19:00	12/23/08 16:45
MWDUP2-1208	ARL0050-14	Water	12/19/08 17:00	12/23/08 16:45
Trip Blank	ARL0050-15	Water	12/18/08 00:00	12/23/08 16:45

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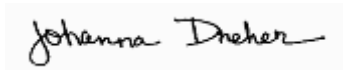

Johanna L Dreher For Troy J. Engstrom, Lab Director

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Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	01/13/09 16:47

Hydrocarbons by GC/FID Headspace

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-01 (MW1-1208)			**Water**			**Sampled: 12/18/08 10:51**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-02 (MW2-1208)			**Water**			**Sampled: 12/18/08 13:07**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-03 (MW3-1208)			**Water**			**Sampled: 12/18/08 15:27**					
Methane	RSK 175	**21.6**	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-04 (MW4-1208)			**Water**			**Sampled: 12/18/08 18:02**					
Methane	RSK 175	**2.76**	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-05 (MW5-1208)			**Water**			**Sampled: 12/19/08 10:24**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-06 (MW7-1208)			**Water**			**Sampled: 12/19/08 11:57**					
Methane	RSK 175	**541**	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-07 (MW8-1208)			**Water**			**Sampled: 12/19/08 14:11**					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	

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ANCHORAGE, AK 99502-1119
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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	01/13/09 16:47

Hydrocarbons by GC/FID Headspace

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-08 (MW9-1208)			Water			Sampled: 12/19/08 16:30					
Methane	RSK 175	**4.62**	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-09 (MW10-1208)			Water			Sampled: 12/20/08 10:09					
Methane	RSK 175	**173**	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-10 (MW11-1208)			Water			Sampled: 12/20/08 12:22					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-11 (MW12-1208)			Water			Sampled: 12/20/08 14:35					
Methane	RSK 175	**9.64**	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	
ARL0050-12 (MW13-1208)			Water			Sampled: 12/20/08 16:49					
Methane	RSK 175	ND	-----	1.20	ug/l	1x	8120034	12/29/08 13:54	12/29/08 14:07	JN	
Ethane	"	ND	-----	10.0	"	"	"	"	"	JN	
Ethene	"	ND	-----	10.0	"	"	"	"	"	JN	

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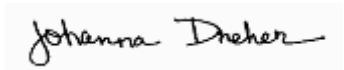

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-01 (MW1-1208)		**Water**				**Sampled: 12/18/08 10:51**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	12/31/08 18:07	ds	
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	**14.3**	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-01 (MW1-1208)		**Water**				**Sampled: 12/18/08 10:51**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	12/31/08 18:07	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	**2.57**	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**4.51**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	**3.11**	-----	1.00	"	"	"	"	"	ds	**CF5, CF2, B, A-01a**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	**12.7**	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*102%*	*85 - 115 %*	"	"	
	Dibromofluoromethane	*99.2%*	*81 - 124 %*	"	"	
	Toluene-d8	*97.1%*	*83 - 115 %*	"	"	

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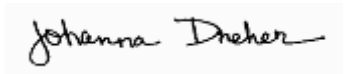

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P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-02 (MW2-1208)		**Water**				**Sampled: 12/18/08 13:07**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	12/31/08 18:42	ds	
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	**1.52**	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	**3.97**	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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Johanna L Dreher For Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

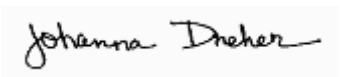
Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-02 (MW2-1208)		**Water**				**Sampled: 12/18/08 13:07**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	12/31/08 18:42	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**629**	-----	1.00	"	"	"	"	"	DCS	**E**
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	**1.18**	-----	1.00	"	"	"	"	"	ds	**B, A-01a**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	**6.82**	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*101%*	*85 - 115 %*	"	"
	Dibromofluoromethane	*99.6%*	*81 - 124 %*	"	"
	Toluene-d8	*97.8%*	*83 - 115 %*	"	"

TestAmerica Anchorage



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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-02RE1 (MW2-1208)		**Water**				**Sampled: 12/18/08 13:07**					**RL7**
Tetrachloroethene	EPA 8260B	**814**	-----	10.0	ug/l	10x	9010001	01/02/09 08:30	01/02/09 18:17	ds	**H2**
Surrogate(s): 4-BFB		*99.6%*		*85 - 115 %*		"			"		
Dibromofluoromethane		*105%*		*81 - 124 %*		"			"		
Toluene-d8		*96.7%*		*83 - 115 %*		"			"		
ARL0050-03 (MW3-1208)		**Water**				**Sampled: 12/18/08 15:27**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	12/31/08 19:16	ds	
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-03 (MW3-1208)		**Water**				**Sampled: 12/18/08 15:27**					
trans-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	12/31/08 19:16	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	B
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	B
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	**2.71**	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**3.20**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	B
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	B
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	
Surrogate(s):	*4-BFB*		*101%*		*85 - 115 %*	"			"		
	Dibromofluoromethane		*99.6%*		*81 - 124 %*	"			"		

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-03 (MW3-1208)		**Water**				**Sampled: 12/18/08 15:27**					
Toluene-d8		*97.0%*			*83 - 115 %*	*1x*			*12/31/08 19:16*		
ARL0050-04 (MW4-1208)		**Water**				**Sampled: 12/18/08 18:02**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	12/31/08 19:50	ds	
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

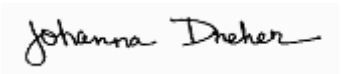
Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-04 (MW4-1208)		**Water**				**Sampled: 12/18/08 18:02**					
2,2-Dichloropropane	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	12/31/08 19:50	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	B
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	B
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**128**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	B
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	B
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	**11.9**	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	**4.46**	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*102%*	*85 - 115 %*	"	"
	Dibromofluoromethane	*100%*	*81 - 124 %*	"	"
	Toluene-d8	*97.5%*	*83 - 115 %*	"	"

TestAmerica Anchorage



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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-05 (MW5-1208)		**Water**			**Sampled: 12/19/08 10:24**						**A-01**
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	01/01/09 01:59	ds	
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-05 (MW5-1208)		**Water**				**Sampled: 12/19/08 10:24**					**A-01**
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	01/01/09 01:59	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	**2.56**	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**3.89**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*108%*	*85 - 115 %*	"	"
	Dibromofluoromethane	*102%*	*81 - 124 %*	"	"
	Toluene-d8	*96.8%*	*83 - 115 %*	"	"

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Johanna L Dreher For Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-06 (MW7-1208)		**Water**				**Sampled: 12/19/08 11:57**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	01/01/09 04:11	ds	**C4**
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	**9.46**	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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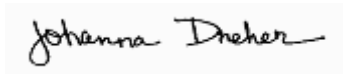

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-06 (MW7-1208)		**Water**				**Sampled: 12/19/08 11:57**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	01/01/09 04:11	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	**C4**
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**C4, B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**4.20**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	**2.89**	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	**3.22**	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	
Surrogate(s):	*4-BFB*		*106%*		*85 - 115 %*	"			"		
	Dibromofluoromethane		*104%*		*81 - 124 %*	"			"		
	Toluene-d8		*96.3%*		*83 - 115 %*	"			"		

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-07 (MW8-1208)		**Water**				**Sampled: 12/19/08 14:11**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	01/01/09 04:44	ds	**C4**
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-07 (MW8-1208)		**Water**				**Sampled: 12/19/08 14:11**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	01/01/09 04:44	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	**C4**
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**C4, B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**1.59**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	**1.03**	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*106%*	*85 - 115 %*	"	"
	Dibromofluoromethane	*103%*	*81 - 124 %*	"	"
	Toluene-d8	*96.0%*	*83 - 115 %*	"	"

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-08 (MW9-1208)		**Water**				**Sampled: 12/19/08 16:30**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	01/01/09 05:19	ds	**C4**
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	**3.35**	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	**3.13**	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-08 (MW9-1208)		**Water**				**Sampled: 12/19/08 16:30**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	01/01/09 05:19	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	**C4**
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**C4, B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	**2.54**	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**15.6**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	**7.12**	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	
Surrogate(s):	*4-BFB*		*106%*		*85 - 115 %*	"			"		
	Dibromofluoromethane		*104%*		*81 - 124 %*	"			"		
	Toluene-d8		*96.6%*		*83 - 115 %*	"			"		

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-09 (MW10-1208)		**Water**				**Sampled: 12/20/08 10:09**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	01/01/09 06:25	ds	**C4**
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	**4.50**	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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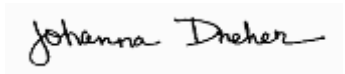

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

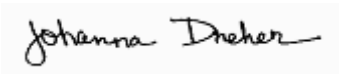
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-09 (MW10-1208)		**Water**				**Sampled: 12/20/08 10:09**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	01/01/09 06:25	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	**C4**
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**C4, B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**100**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	**16.4**	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*105%*	*85 - 115 %*	"	"
	Dibromofluoromethane	*104%*	*81 - 124 %*	"	"
	Toluene-d8	*95.8%*	*83 - 115 %*	"	"



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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-10 (MW11-1208)		**Water**				**Sampled: 12/20/08 12:22**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	9010001	01/01/09 16:30	01/01/09 21:32	ds	
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-10 (MW11-1208)		**Water**				**Sampled: 12/20/08 12:22**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	9010001	01/01/09 16:30	01/01/09 21:32	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	**2.55**	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**3.43**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	**1.07**	-----	1.00	"	"	"	"	"	ds	B
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	**4.69**	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	
Surrogate(s):	*4-BFB*		*102%*		*85 - 115 %*	"			"		
	Dibromofluoromethane		*102%*		*81 - 124 %*	"			"		
	Toluene-d8		*96.2%*		*83 - 115 %*	"			"		

Johanna L Dreher For Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-11 (MW12-1208)		**Water**				**Sampled: 12/20/08 14:35**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	9010001	01/02/09 08:30	01/02/09 15:15	ds	**C4**
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	**4.98**	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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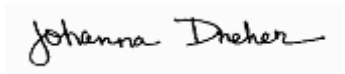

Johanna L Dreher For Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-11 (MW12-1208)		**Water**				**Sampled: 12/20/08 14:35**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	9010001	01/02/09 08:30	01/02/09 15:15	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	**1.93**	-----	1.00	"	"	"	"	"	ds	**B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	**22.7**	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	**6.21**	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*99.6%*	*85 - 115 %*	"		"
	Dibromofluoromethane	*104%*	*81 - 124 %*	"		"
	Toluene-d8	*97.3%*	*83 - 115 %*	"		"

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-11RE1 (MW12-1208)		**Water**				**Sampled: 12/20/08 14:35**					**RL7**
Tetrachloroethene	EPA 8260B	**252**	-----	10.0	ug/l	10x	9010001	01/02/09 08:30	01/02/09 16:27	ds	
Surrogate(s): 4-BFB		*100%*		*85 - 115 %*		"			"		
Dibromofluoromethane		*104%*		*81 - 124 %*		"			"		
Toluene-d8		*95.6%*		*83 - 115 %*		"			"		
ARL0050-12 (MW13-1208)		**Water**				**Sampled: 12/20/08 16:49**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	9010001	01/02/09 08:30	01/02/09 15:51	ds	**C4**
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	**2.09**	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-12 (MW13-1208)		**Water**				**Sampled: 12/20/08 16:49**					
trans-1,2-Dichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	9010001	01/02/09 08:30	01/02/09 15:51	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**61.5**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	**1.04**	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	
Surrogate(s):	*4-BFB*		*99.8%*		*85 - 115 %*	"			"		
	Dibromofluoromethane		*104%*		*81 - 124 %*	"			"		

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ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-12 (MW13-1208)		**Water**				**Sampled: 12/20/08 16:49**					
Toluene-d8		*96.4%*			*83 - 115 %*	*1x*			*01/02/09 15:51*		
ARL0050-13 (MWDUP1-1208)		**Water**				**Sampled: 12/18/08 19:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	12/31/08 20:23	ds	
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-13 (MWDUP1-1208)		**Water**				**Sampled: 12/18/08 19:00**					
2,2-Dichloropropane	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	12/31/08 20:23	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	B
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	B
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**135**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	B
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	B
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	**15.1**	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	**4.16**	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*101%*	*85 - 115 %*	"	"
	Dibromofluoromethane	*102%*	*81 - 124 %*	"	"
	Toluene-d8	*96.6%*	*83 - 115 %*	"	"

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-14 (MWDUP2-1208)		**Water**				**Sampled: 12/19/08 17:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	01/01/09 05:52	ds	**C4**
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-14 (MWDUP2-1208)		**Water**				**Sampled: 12/19/08 17:00**					
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	01/01/09 05:52	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	**C4**
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	**C4**
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**C4, B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	**3.82**	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**C4, B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	
Surrogate(s):	*4-BFB*		*106%*		*85 - 115 %*	"			"		
	Dibromofluoromethane		*104%*		*81 - 124 %*	"			"		
	Toluene-d8		*96.8%*		*83 - 115 %*	"			"		

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ANCHORAGE, AK 99502-1119
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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-15 (Trip Blank)		**Water**				**Sampled: 12/18/08 00:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	8120039	12/31/08 12:00	12/31/08 20:57	ds	
Benzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	ds	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	ds	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	ds	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	ds	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	ds	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	ds	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	ds	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	ds	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	ds	

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica Anchorage

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-15 (Trip Blank)		**Water**			**Sampled: 12/18/08 00:00**						
trans-1,3-Dichloropropene	EPA 8260B	ND	-----	1.00	ug/l	1x	8120039	12/31/08 12:00	12/31/08 20:57	ds	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	ds	**B**
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	ds	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	ds	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	ds	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	ds	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	ds	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	ds	
Naphthalene	"	ND	-----	4.00	"	"	"	"	"	ds	**B**
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Styrene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Toluene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**B**
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	ds	**B**
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	ds	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	ds	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	ds	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	ds	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	ds	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	ds	
2-Chloroethyl vinyl ether	"	ND	-----	5.00	"	"	"	"	"	ds	

Surrogate(s):	*4-BFB*	*102%*	*85 - 115 %*	*"*	*"*
	Dibromofluoromethane	*101%*	*81 - 124 %*	*"*	*"*
	Toluene-d8	*95.9%*	*83 - 115 %*	*"*	*"*

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Conventional Chemistry Parameters per APHA/EPA Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-01 (MW1-1208)			**Water**			**Sampled: 12/18/08 10:51**					
Total Organic Carbon	EPA 9060	**2.86**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-02 (MW2-1208)			**Water**			**Sampled: 12/18/08 13:07**					
Total Organic Carbon	EPA 9060	**10.7**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-03 (MW3-1208)			**Water**			**Sampled: 12/18/08 15:27**					
Total Organic Carbon	EPA 9060	**2.52**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-04 (MW4-1208)			**Water**			**Sampled: 12/18/08 18:02**					
Total Organic Carbon	EPA 9060	**4.91**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-05 (MW5-1208)			**Water**			**Sampled: 12/19/08 10:24**					
Total Organic Carbon	EPA 9060	**1.97**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-06 (MW7-1208)			**Water**			**Sampled: 12/19/08 11:57**					
Total Organic Carbon	EPA 9060	**9.07**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-07 (MW8-1208)			**Water**			**Sampled: 12/19/08 14:11**					
Total Organic Carbon	EPA 9060	**3.99**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-08 (MW9-1208)			**Water**			**Sampled: 12/19/08 16:30**					
Total Organic Carbon	EPA 9060	**2.38**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-09 (MW10-1208)			**Water**			**Sampled: 12/20/08 10:09**					
Total Organic Carbon	EPA 9060	**3.80**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-10 (MW11-1208)			**Water**			**Sampled: 12/20/08 12:22**					
Total Organic Carbon	EPA 9060	**4.47**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	
ARL0050-11 (MW12-1208)			**Water**			**Sampled: 12/20/08 14:35**					
Total Organic Carbon	EPA 9060	**11.3**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	

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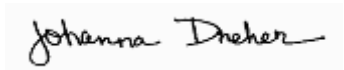

Johanna L Dreher For Troy J. Engstrom, Lab Director

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ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Conventional Chemistry Parameters per APHA/EPA Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Analyst	Notes
ARL0050-12 (MW13-1208)		**Water**						**Sampled: 12/20/08 16:49**			
Total Organic Carbon	EPA 9060	**5.59**	-----	1.00	mg/l	1x	9010142	01/07/09 09:11	01/08/09 02:27	CC	

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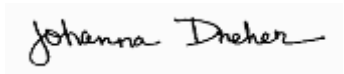

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Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Hydrocarbons by GC/FID Headspace - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 8120034 **Water Preparation Method: RSK 175**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8120034-BLK1)								**Extracted: 12/29/08 13:54**						
Methane	RSK 175	ND	---	1.20	ug/l	1x	--	--	--	--	--	--	12/29/08 14:07	
Ethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Ethene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
LCS (8120034-BS1)								**Extracted: 12/29/08 13:54**						
Methane	RSK 175	52.5	---	1.20	ug/l	1x	--	56.3	93.3%	(85-115)	--	--	12/29/08 14:07	
Ethane	"	107	---	10.0	"	"	--	110	97.2%	"	--	--	"	
Ethene	"	136	---	10.0	"	"	--	135	101%	"	--	--	"	
LCS Dup (8120034-BSD1)								**Extracted: 12/29/08 13:54**						
Methane	RSK 175	55.4	---	1.20	ug/l	1x	--	56.3	98.4%	(85-115)	5.30%	(25)	12/29/08 14:07	
Ethane	"	114	---	10.0	"	"	--	110	103%	"	6.11%	"	"	
Ethene	"	144	---	10.0	"	"	--	135	106%	"	5.09%	"	"	
Duplicate (8120034-DUP1)					**QC Source: ARL0040-02**			**Extracted: 12/29/08 13:54**						
Methane	RSK 175	385	---	1.20	ug/l	1x	425	--	--	--	9.93%	(20)	12/29/08 14:07	
Ethane	"	ND	---	10.0	"	"	ND	--	--	--	0.336%	"	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	105%	"	"	R4
Duplicate (8120034-DUP2)					**QC Source: ARL0042-01**			**Extracted: 12/29/08 13:54**						
Methane	RSK 175	ND	---	1.20	ug/l	1x	1.42	--	--	--	20.5%	(20)	12/29/08 14:07	R2
Ethane	"	ND	---	10.0	"	"	ND	--	--	--		"	"	
Ethene	"	ND	---	10.0	"	"	ND	--	--	--	13.9%	"	"	

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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 8120039 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8120039-BLK1)								**Extracted: 12/31/08 12:00**						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	12/31/08 17:33	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

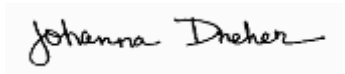
Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 8120039 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8120039-BLK1)							**Extracted: 12/31/08 12:00**							
Hexachlorobutadiene	EPA 8260B	2.12	---	2.00	ug/l	1x	--	--	--	--	--	--	12/31/08 17:33	B4
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	11.0	---	4.00	"	"	--	--	--	--	--	--	"	B4
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	12.5	---	1.00	"	"	--	--	--	--	--	--	"	B4
1,2,4-Trichlorobenzene	"	4.08	---	1.00	"	"	--	--	--	--	--	--	"	B4
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Chloroethyl vinyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 85-115%*	"							*12/31/08 17:33*	
Dibromofluoromethane		*95.6%*			*81-124%*	"							"	
Toluene-d8		*103%*			*83-115%*	"							"	



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CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 8120039 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8120039-BS1)								**Extracted: 12/31/08 12:00**						
Benzene	EPA 8260B	23.0	---	1.00	ug/l	1x	--	20.0	115%	(67-125)	--	--	12/31/08 16:24	
Chlorobenzene	"	20.0	---	1.00	"	"	--	"	100%	(70-130)	--	--	"	
1,1-Dichloroethene	"	19.8	---	1.00	"	"	--	"	98.8%	(80-120)	--	--	"	
Toluene	"	21.0	---	1.00	"	"	--	"	105%	"	--	--	"	
Trichloroethene	"	19.8	---	1.00	"	"	--	"	99.0%	(70-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 100%*			*Limits: 85-115%*	"							*12/31/08 16:24*	
Dibromofluoromethane		*98.6%*			*81-124%*	"							"	
Toluene-d8		*101%*			*83-115%*	"							"	
LCS Dup (8120039-BSD1)								**Extracted: 12/31/08 12:00**						
Benzene	EPA 8260B	20.4	---	1.00	ug/l	1x	--	20.0	102%	(67-125)	12.2%	(20)	12/31/08 16:59	
Chlorobenzene	"	18.3	---	1.00	"	"	--	"	91.4%	(70-130)	9.24%	"	"	
1,1-Dichloroethene	"	18.0	---	1.00	"	"	--	"	90.2%	(80-120)	9.21%	"	"	
Toluene	"	18.6	---	1.00	"	"	--	"	93.2%	"	11.8%	"	"	
Trichloroethene	"	17.8	---	1.00	"	"	--	"	88.9%	(70-130)	10.7%	"	"	
Surrogate(s): 4-BFB		*Recovery: 100%*			*Limits: 85-115%*	"							*12/31/08 16:59*	
Dibromofluoromethane		*100%*			*81-124%*	"							"	
Toluene-d8		*100%*			*83-115%*	"							"	
Matrix Spike (8120039-MS1)							**QC Source: ARL0050-03**	**Extracted: 12/31/08 12:00**						
Benzene	EPA 8260B	23.6	---	1.00	ug/l	1x	ND	20.0	118%	(65-138)	--	--	01/01/09 06:58	
Chlorobenzene	"	19.6	---	1.00	"	"	ND	"	98.2%	(65-140)	--	--	"	
1,1-Dichloroethene	"	20.4	---	1.00	"	"	ND	"	102%	"	--	--	"	
Toluene	"	21.1	---	1.00	"	"	ND	"	105%	(80-120)	--	--	"	
Trichloroethene	"	19.5	---	1.00	"	"	0.240	"	96.2%	(65-140)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 103%*			*Limits: 85-115%*	"							*01/01/09 06:58*	
Dibromofluoromethane		*107%*			*81-124%*	"							"	
Toluene-d8		*96.8%*			*83-115%*	"							"	
Matrix Spike Dup (8120039-MSD1)							**QC Source: ARL0050-03**	**Extracted: 12/31/08 12:00**						
Benzene	EPA 8260B	23.5	---	1.00	ug/l	1x	ND	20.0	117%	(65-138)	0.764%	(20)	01/01/09 07:31	
Chlorobenzene	"	20.0	---	1.00	"	"	ND	"	100%	(65-140)	1.97%	(25)	"	
1,1-Dichloroethene	"	20.4	---	1.00	"	"	ND	"	102%	"	0.0978%	"	"	
Toluene	"	21.4	---	1.00	"	"	ND	"	107%	(80-120)	1.32%	"	"	
Trichloroethene	"	19.3	---	1.00	"	"	0.240	"	95.2%	(65-140)	0.980%	"	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 85-115%*	"							*01/01/09 07:31*	
Dibromofluoromethane		*106%*			*81-124%*	"							"	
Toluene-d8		*98.0%*			*83-115%*	"							"	

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P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 9010001 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9010001-BLK1)								**Extracted: 01/01/09 16:30**						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	01/01/09 20:56	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica Anchorage

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Johanna Dreher

Johanna L Dreher For Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 9010001 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9010001-BLK1)							**Extracted: 01/01/09 16:30**							
Hexachlorobutadiene	EPA 8260B	ND	---	2.00	ug/l	1x	--	--	--	--	--	--	01/01/09 20:56	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	4.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	3.03	---	1.00	"	"	--	--	--	--	--	--	"	B4
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Chloroethyl vinyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 102%*			*Limits: 85-115%*	"							*01/01/09 20:56*	
Dibromofluoromethane		*101%*			*81-124%*	"							"	
Toluene-d8		*97.6%*			*83-115%*	"							"	

TestAmerica Anchorage

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Johanna L Dreher For Troy J. Engstrom, Lab Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name: **Bentley Mall**	
P.O. Box 83050	Project Number: [none]	Report Created:
Fairbanks, AK 99708	Project Manager: Lyle Gresehover	01/13/09 16:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica Anchorage

QC Batch: 9010001 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (9010001-BS1)									**Extracted: 01/01/09 16:30**					
Benzene	EPA 8260B	23.0	---	1.00	ug/l	1x	--	20.0	115%	(67-125)	--	--	01/01/09 19:09	
Chlorobenzene	"	20.5	---	1.00	"	"	--	"	103%	(70-130)	--	--	"	
1,1-Dichloroethene	"	20.4	---	1.00	"	"	--	"	102%	(80-120)	--	--	"	
Toluene	"	21.3	---	1.00	"	"	--	"	107%	"	--	--	"	
Trichloroethene	"	19.8	---	1.00	"	"	--	"	99.1%	(70-130)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*101%*		*Limits:*	*85-115%*	"						*01/01/09 19:09*	
	Dibromofluoromethane		*102%*			*81-124%*	"						"	
	Toluene-d8		*100%*			*83-115%*	"						"	
LCS Dup (9010001-BSD1)									**Extracted: 01/01/09 16:30**					
Benzene	EPA 8260B	22.5	---	1.00	ug/l	1x	--	20.0	113%	(67-125)	2.11%	(20)	01/01/09 19:44	
Chlorobenzene	"	20.0	---	1.00	"	"	--	"	100%	(70-130)	2.62%	"	"	
1,1-Dichloroethene	"	19.9	---	1.00	"	"	--	"	99.6%	(80-120)	2.09%	"	"	
Toluene	"	20.9	---	1.00	"	"	--	"	105%	"	1.94%	"	"	
Trichloroethene	"	19.2	---	1.00	"	"	--	"	95.9%	(70-130)	3.28%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*100%*		*Limits:*	*85-115%*	"						*01/01/09 19:44*	
	Dibromofluoromethane		*102%*			*81-124%*	"						"	
	Toluene-d8		*99.2%*			*83-115%*	"						"	
Matrix Spike (9010001-MS1)					**QC Source: ARL0050-10**				**Extracted: 01/01/09 16:30**					
Benzene	EPA 8260B	21.1	---	1.00	ug/l	1x	ND	20.0	105%	(65-138)	--	--	01/01/09 22:08	
Chlorobenzene	"	18.7	---	1.00	"	"	ND	"	93.6%	(65-140)	--	--	"	
1,1-Dichloroethene	"	18.6	---	1.00	"	"	ND	"	92.8%	"	--	--	"	
Toluene	"	19.5	---	1.00	"	"	ND	"	97.4%	(80-120)	--	--	"	
Trichloroethene	"	18.5	---	1.00	"	"	0.770	"	88.6%	(65-140)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*100%*		*Limits:*	*85-115%*	"						*01/01/09 22:08*	
	Dibromofluoromethane		*105%*			*81-124%*	"						"	
	Toluene-d8		*100%*			*83-115%*	"						"	

TestAmerica Anchorage

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ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

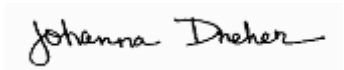
Conventional Chemistry Parameters per APHA/EPA Methods - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 9010142 **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9010142-BLK1)								**Extracted: 01/07/09 09:11**						
Total Organic Carbon	EPA 9060	ND	---	1.00	mg/l	1x	--	--	--	--	--	--	01/08/09 02:27	
LCS (9010142-BS1)								**Extracted: 01/07/09 09:11**						
Total Organic Carbon	EPA 9060	20.2	---	1.00	mg/l	1x	--	20.0	101%	(85-115)	--	--	01/08/09 02:27	
Duplicate (9010142-DUP1)					**QC Source: PSA0102-01**				**Extracted: 01/07/09 09:11**					
Total Organic Carbon	EPA 9060	ND	---	1.00	mg/l	1x	ND	--	--	--	60.9%	(20)	01/08/09 02:27	
Matrix Spike (9010142-MS1)					**QC Source: PSA0102-01**				**Extracted: 01/07/09 09:11**					
Total Organic Carbon	EPA 9060	25.9	---	1.01	mg/l	1x	0.466	25.3	100%	(75-125)	--	--	01/08/09 02:27	

TestAmerica Anchorage



Johanna L Dreher For Troy J. Engstrom, Lab Director

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THE LEADER IN ENVIRONMENTAL TESTING

ANCHORAGE, AK 2000 W. INTERNATIONAL AIRPORT ROAD, SUITE A-10
ANCHORAGE, AK 99502-1119
ph: (907) 563.9200 fax: (907) 563.9210
CS Approval Number: UST-067

Alaska Resources & Environmental Services	Project Name:	**Bentley Mall**	
P.O. Box 83050	Project Number:	[none]	Report Created:
Fairbanks, AK 99708	Project Manager:	Lyle Gresehover	01/13/09 16:47

Notes and Definitions

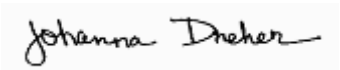
Report Specific Notes:

A-01	-	Sample analyzed outside of 12 hour tune. Results confirmed by reanalysis past hold time.
A-01a	-	The intial calibration verification was above acceptance limits for this analyte. The sample results may be biased high.
B	-	Analyte was detected in the associated Method Blank.
B4	-	Target analyte detected in blank at/above method acceptance criteria.
C4	-	Calibration Verification recovery was below the method control limit for this analyte.
CF2	-	Confirmatory analysis was past holding time.
CF5	-	The sample was originally analyzed with a positive result, however the reanalysis did not confirm the presence of the analyte.
E	-	Concentration exceeds the calibration range and therefore result is semi-quantitative.
H2	-	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
R2	-	The RPD exceeded the acceptance limit.
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
RL7	-	Sample required dilution due to high concentrations of target analyte.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Anchorage



Johanna L Dreher For Troy J. Engstrom, Lab Director

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES

ARES
P.O. Box 83050
Fairbanks, Alaska 99708
Phone: 907.374.3226
Fax: 907.374.2319

Chain of Custody Report

ARLOOSO

Client: Alaska Resources and Environmental Services		Invoice To: ARES, P.O. Box 83050, Fairbanks, Alaska 99708	Laboratory Name: Test America Inc. Address: 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
Report To: Lyle Gresehover		P.O. Number:	
Address: ARES, P.O. Box 83050			
Email: lyle@ak-res.com			
Phone: (907) 374-3226	Fax: (907)374-3219		
Project Name: Bentley Mall 12/18/2008			
Project Number:			
Sampled By: Jason Gresehover			

Turnaround Request In Business Days

Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1

Specify Other: Standard and Rush (below)

Report Tier Levels: Tier II reporting requested (results + QC)

	Sample Identification	Sampling Date/ Time		Preservative: HCL	HCL	sulfuric								Matrix (W,S,O)	# of Cont.	Location / Comments	Lab ID
				Requested Analyses: VOC EPA 8260 B	M.E.E. * RSK 175	TOC EPA 9060											
1	MW1-1208	12/18/2008	1051	X	X	X								W	7		1
2	MW2-1208	12/18/2008	1307	X	X	X								W	7		2
3	MW3-1208	12/18/2008	1527	X	X	X								W	7		3
4	MW4-1208	12/18/2008	1802	X	X	X								W	7		4
5	MW5-1208	12/19/2008	1024	X	X	X								W	7		5
6	MW7-1208	12/19/2008	1157	X	X	X								W	7		6
7	MW8-1208	12/19/2008	1411	X	X	X								W	7		7
8	MW9-1208	12/19/2008	1630	X	X	X								W	7		8
9	MW10-1208	12/20/2008	1009	X	X	X								W	7		9
10	MW11-1208	12/20/2008	1222	X	X	X								W	7		10

Released By:	Date: 12/23/2008	Received By:	Date: 12/23/08
Print Name: Lyle Gresehover Firm: ARES	Time: ~~1300~~ 0800	Print Name: Kelly Cobbs Firm: ANC	Time: 1645
Released By:	Date:	Received By:	Date:
Print Name: Firm:	Time:	Print Name: Firm:	Time:

Additional Remarks: **Level II Reporting Requested (* M.E.E. = Methane, Ethane, Ethene).**

Temp: 1.9

COC REV 02/2008

ALASKA RESOURCES AND ENVIRONMENTAL SERVICES

ARES
P.O. Box 83050
Fairbanks, Alaska 99708
Phone: 907.374.3226
Fax: 907.374.2319

ARLOO50

Chain of Custody Report

Client: Alaska Resources and Environmental Services		Invoice To: ARES, P.O. Box 83050, Fairbanks, Alaska 99708	Laboratory Name: Test America Inc. Address: 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
Report To: Lyle Gresehover		P.O. Number:	
Address: ARES, P.O. Box 83050			
Email: lyle@ak-res.com			
Phone: (907) 374-3226	Fax: (907)374-3219		
Project Name: Bentley Mall 12/18/2008			
Project Number:			
Sampled By: Jason Gresehover			

Turnaround Request
In Business Days

Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1

Specify Other: Standard and Rush (below)
Report Tier Levels: Tier II reporting requested (results + QC)

	Sample Identification	Sampling Date/ Time		Preservative: HCL	HCL	sulfuric								Matrix (W,S,O)	# of Cont.	Location / Comments	Lab ID
				Requested Analyses: VOC EPA 8260 B	M.E.E.* RSK 175	TOC EPA 9060											
1	MW12-1208	12/20/2008	1435	X	X	X								W	7		11
2	MW13-1208	12/20/2008	1649	X	X	X								W	7		12
3	MWDUP1-1208	12/18/2008	1900	X										W	3		13
4	MWDUP2-1208	12/19/2008	1700	X										W	3		14
5																	
6																	
7																	
8																	
9																	
10																	

Released By: Lyle Gresehover	Firm: ARES	Date: 12/~~23~~/2008 Time: ~~1300~~ 0800	Received By: Kelly Cobbs Firm: ANC Date: 12/23/08 Time: 1645
Released By:	Firm:	Date: Time:	Received By: Print Name: Firm: Date: Time:

Additional Remarks: **Level II Reporting Requested (* M.E.E. = Methane, Ethane, Ethene).**

Temp: 1.9

COC REV 02/2008

Test America Anchorage Cooler Receipt Form

(Army Corps. Compliant)

WORK ORDER # AKL0050 CLIENT: AMES PROJECT: Bentley Mall

Date /Time Cooler Arrived 12/23/08 16:45 Cooler signed for by: Kelly Cobbs (Print name)

Preliminary Examination Phase:

Date cooler opened: ☒ same as date received or ___/___/___

Cooler opened by (print) Kelly Cobbs (sign) [signature]

1. Delivered by ☒ ALASKA AIRLINES ☐ Fed-Ex ☐ UPS ☐ NAC ☐ LYNDEN ☐ CLIENT ☐ Other:

   Shipment Tracking # if applicable 027724978 21 (include copy of shipping papers in file)

2. Number of Custody Seals 1 Signed by Kyle Gresehaer Date 12/22/08

   Were custody seals unbroken and intact on arrival? ☒ Yes ☐ No

3. Were custody papers sealed in a plastic bag? ☒ Yes ☐ No

4. Were custody papers filled out properly (ink, signed, etc.)? ☒ Yes ☐ No

5. Did you sign the custody papers in the appropriate place? ☒ Yes ☐ No

6. Was ice used? ☒ Yes ☐ No Type of ice: ☐ blue ice ☒ gel ice ☐ ~~real ice~~ ☐ dry ice Condition of Ice: frozen

   Temperature by Digi-Thermo Probe 1.9 °C Thermometer # 3

   Acceptance Criteria: 0 - 6°C

7. Packing in Cooler: ☒ bubble wrap ☐ styrofoam ☒ cardboard ☐ Other:

8. Did samples arrive in plastic bags? ☒ Yes ☐ No

9. Did all bottles arrive unbroken, and with labels in good condition? ☒ Yes ☐ No

10. Are all bottle labels complete (ID, date, time, etc.) ☒ Yes ☐ No

11. Do bottle labels and Chain of Custody agree? ☐ ~~Yes~~ ☒ No No tripblank on COC ~~in Cooler~~ One in Cooler

12. Are the containers and preservatives correct for the tests indicated? ☒ Yes ☐ No

13. Conoco Phillips, Alyeska, BP H2O samples only: pH < 2? ☐ Yes ☐ No ☒ N/A

14. Is there adequate volume for the tests requested? ☒ Yes ☐ No

15. Were VOA vials free of bubbles? ☐ N/A ☒ Yes ☐ No

    If "NO" which containers contained "head space" or bubbles? ___

Log-in Phase:

Date of sample log-in 12/29/08

Samples logged in by (print) Kelly Cobbs (sign) [signature]

1. Was project identifiable from custody papers? ☒ Yes ☐ No
2. Do Turn Around Times and Due Dates agree? ☒ Yes ☐ No
3. Was the Project Manager notified of status? ☒ Yes ☐ No
4. Was the Lab notified of status? ☒ Yes ☐ No
5. Was the COC scanned and copied? ☒ Yes ☐ No

CUSTODY SEAL

Date 12/22/08

Signature

TestAmerica
ANALYTICAL TESTING CORPORATION

A12L0050

APPENDIX F

2008 Indoor Air Analytical Results

Indoor Air Analytical Results
January 2008

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

February 27, 2008

Mr. Lyle D. Gresehover
Alaska Resources & Environmental Services LLC
284 Topside Road
Fairbanks, AK 99712

RE: P2800247
Bentley Mall

Dear Mr. Gresehover:

Enclosed are the results of the sample(s) submitted to our laboratory on February 1, 2008. For your reference, these analyses have been assigned our service request number P2800247.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein. Your report contains 113 pages.

Columbia Analytical Services, Inc. is certified by the California Department of Health Services, NELAP Laboratory Certificate No. 02115CA; Arizona Department of Health Services, Certificate No. AZ0694; Florida Department of Health, NELAP Certification E871020; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661; Department of the Navy (NFESC); Pennsylvania Registration No. 68-03307. Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact me for information corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Sue Anderson
Project Manager

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	Alaska Resources & Environmental Services LLC	Date of Report:	02/27/08
Address:	284 Topside Road	Date Received:	02/01/08
	Fairbanks, AK 99712	CAS Project No:	P2800247
Contact:	Mr. Lyle D. Gresehover	Purchase Order:	Verbal

Client Project ID: Bentley Mall

Seven (7) Stainless Steel Summa Canisters labeled:

"ES-1-12008"	"ES-2-12008"	"WFB-1-12008"	"WFB-2-12008"
"WFB-3-12008"	"VS1-CI-12008"	"VS2-CE-12008"	

The samples were received at the laboratory under chain of custody on February 1, 2008. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

Volatile Organic Compounds Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) in SIM mode for selected volatile organic compounds. The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical system used was comprised of an Agilent Model 5973N GC/MS/DS interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given in the attached data package. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Reviewed and Approved:

Liliana Marghitoiu
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

Air - Chain of Custody Record & Analytical Service Request

Columbia Analytical Services, Inc.
An Employee - Owned Company
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle:
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No.: P8800247

CAS Contact:

Company Name & Address (Reporting Information): Alaska Resources and Environmental Services

Project Name: Bentley Mall

Project Number:

Project Manager: Lyle Greschner

Phone: (907) 374-3226 Fax: (907) 374-3219

P.O. # / Billing Information: ARES P.O. Box 83050 Fairbanks, Ak 99708

Email Address for Result Reporting: lyle@ak-res.com

Sampler (Print & Sign): Lyle Greschner

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15 SIM ACE, TCE	TO-15 SIM Chlorinated Solvent VOCs (All)			Comments e.g. Actual Preservative or specific instructions
ES-1-12008	1-3.3	1/29-1/30	1455-1455	Air	ac00450	fc00147	6L 24hr	X				24hr
ES-2-12008	2-4.1		1456-1456		ac00821	fc00337		X				24hr
WFB-1-12008	3-6.9		1500-1500		ac00968	fc00489		X				24hr
WFB-2-12008	4-10.4		1502-1502		ac01091	fc00507		X				24hr
WFB-3-12008	5-7.7	↓	1504-1504		ac01171	fc00581	↓	X				24hr
VS1-CI-12008	6-4.7	1/30/08	1650		ac01289	N/A	6L Grab		X			Grab
VS2-CE-12008	7-11.1	1/30/08	1637	↓	ac01286	N/A	6L Grab		X			Grab

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) X
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____
EDD required Yes / No
Type: ____ EDD Units: ____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date: 1/31/08	Time: 1100	Received by: (Signature)	Date: 1/31/08	Time: 0935
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank 13248
Temperature °C

3

Columbia Analytical Services, Inc.

Sample Acceptance Check Form

Client: Alaska Resources & Environmental Services LLC Work order: P2800247

Project: Bentley Mall

Sample(s) received on: 02/01/08 Date opened: 02/01/08 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2800247-001			NA	
P2800247-002			NA	
P2800247-003			NA	
P2800247-004			NA	
P2800247-005			NA	
P2800247-006			NA	
P2800247-007			NA	

Explain any discrepancies: (include lab sample ID numbers):

RESULTS OF VOLATILE ORGANIC ANALYSIS

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources & Environmental Services LLC**
Client Sample ID: **ES-1-12008**
Client Project ID: **Bentley Mall**

CAS Project ID: P2800247
CAS Sample ID: P2800247-001

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00450

Date Collected: 1/30/08
Date Received: 2/1/08
Date Analyzed: 2/8/08
Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.6 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	Trichloroethene	**0.054**	0.035	**0.010**	0.0065	
127-18-4	Tetrachloroethene	**3.2**	0.035	**0.48**	0.0051	

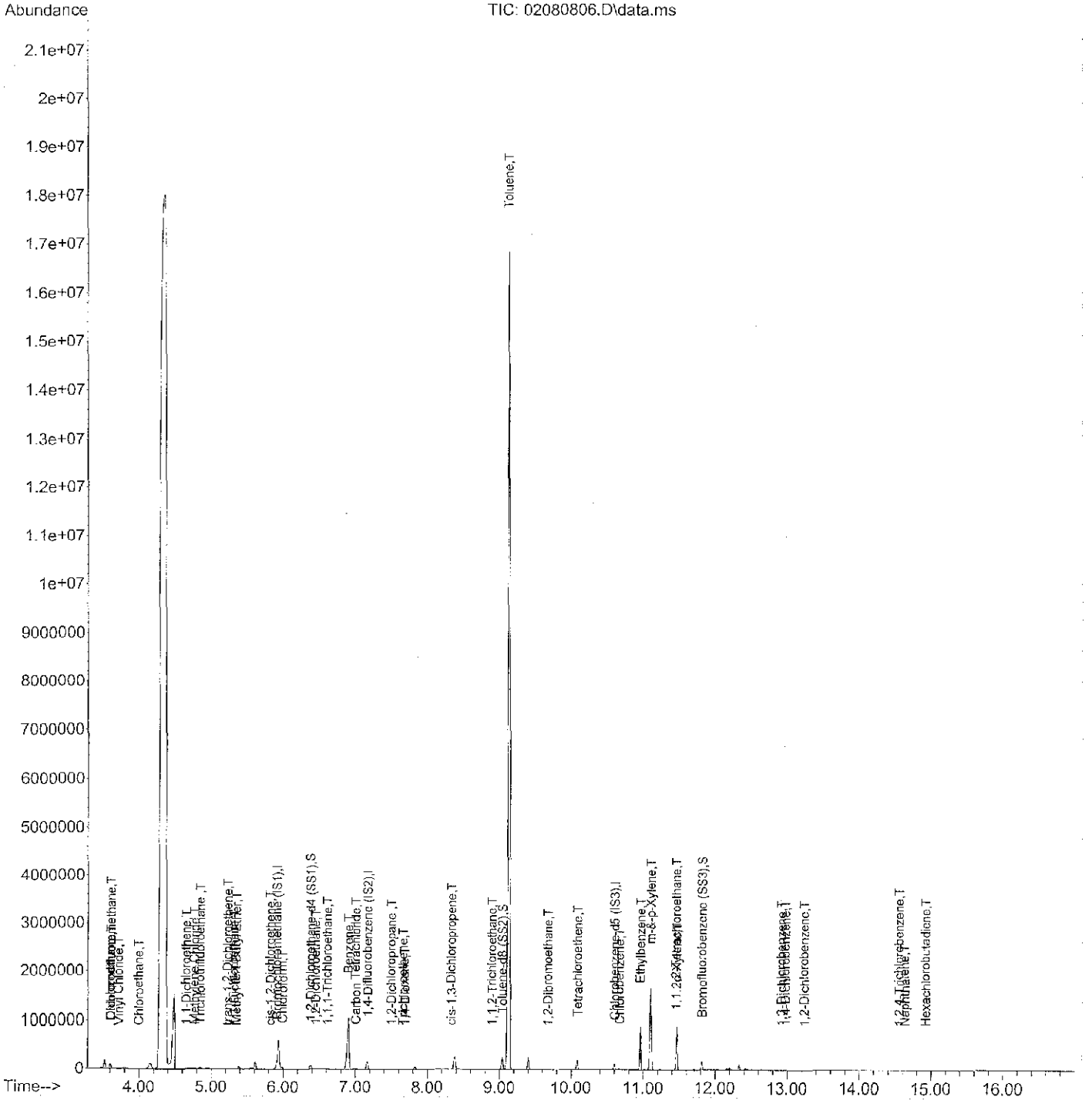
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 2/15/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080806.D
Acq On : 8 Feb 2008 12:18
Operator : LM
Sample : P2800247-001 (1000ml)
Misc : Alaska ES-1-12008 (-1.6,3.5)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 11:00:18 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



7

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080806.D
Acq On : 8 Feb 2008 12:18
Operator : LM
Sample : P2800247-001 (1000ml)
Misc : Alaska ES-1-12008 (-1.6,3.5)
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.91	130	41769	1000.00	pg		0.04
20) 1,4-Difluorobenzene (IS2)	7.17	114	201680	1000.00	pg		0.03
30) Chlorobenzene-d5 (IS3)	10.60	82	100999	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.38	65	78758	1000.28	pg		0.04
Spiked Amount 1000.000			Recovery = 100.03%				
26) Toluene-d8 (SS2)	9.04	98	217111	979.38	pg		0.00
Spiked Amount 1000.000			Recovery = 97.94%				
36) Bromofluorobenzene (SS3)	11.81	174	72642	980.47	pg		0.00
Spiked Amount 1000.000			Recovery = 98.05%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.60	85	14580	127.17	pg		99
3) Chloromethane	3.60	52	26971	695.65	pg		100
4) Vinyl Chloride	3.72	62	827	8.27	pg		91
5) Chloroethane	3.99	64	782	15.53	pg		97
6) Acetone	0.00	58	0	N.D.			
7) 1,1-Dichloroethene	4.65	96	408	8.05	pg	#	89
8) Methylene Chloride	4.77	84	9307	161.04	pg		98
9) Trichlorotrifluoroethane	4.84	151	17177	369.75	pg		97
10) trans-1,2-Dichloroethene	5.22	96	166	2.97	pg	#	83
11) 1,1-Dichloroethane	5.31	63	1415	14.17	pg	#	1
12) Methyl tert-Butyl Ether	5.34	73	3854	26.96	pg	#	1
13) cis-1,2-Dichloroethene	5.81	96	374	6.57	pg	#	19
14) Chloroform	5.98	83	39545	478.11	pg		97
16) 1,2-Dichloroethane	6.44	62	6043	77.06	pg		98
17) 1,1,1-Trichloroethane	6.60	97	4021	48.50	pg		82
18) Benzene	6.90	78	1527458	5485.01	pg		99
19) Carbon Tetrachloride	7.00	117	22668	343.07	pg		99
21) 1,2-Dichloropropane	7.49	63	800	12.64	pg		96
22) Trichloroethene	7.66	130	2293	39.06	pg		89
23) 1,4-Dioxane	7.68	88	741	16.58	pg	#	1
24) cis-1,3-Dichloropropene	8.33	75	153	1.70	pg	#	32
25) 1,1,2-Trichloroethane	8.89	83	351	7.33	pg	#	2
27) Toluene	9.13	91	15423323	60613.71	pg		89
28) 1,2-Dibromoethane	9.67	107	113	1.91	pg		97
29) Tetrachloroethene	10.08	166	135633	2333.99	pg		100
31) Chlorobenzene	10.67	112	14530	95.87	pg	#	48
32) Ethylbenzene	10.96	91	775059	2869.06	pg		98
33) m-&-p-Xylene	11.10	91	1729010	9568.31	pg		99
34) o-Xylene	11.46	91	686715	3619.24	pg		98
35) 1,1,2,2-Tetrachloroethane	11.45	83	529	6.56	pg	#	1

8

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080806.D
Acq On : 8 Feb 2008 12:18
Operator : LM
Sample : P2800247-001 (1000ml)
Misc : Alaska ES-1-12008 (-1.6,3.5)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 11:00:18 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

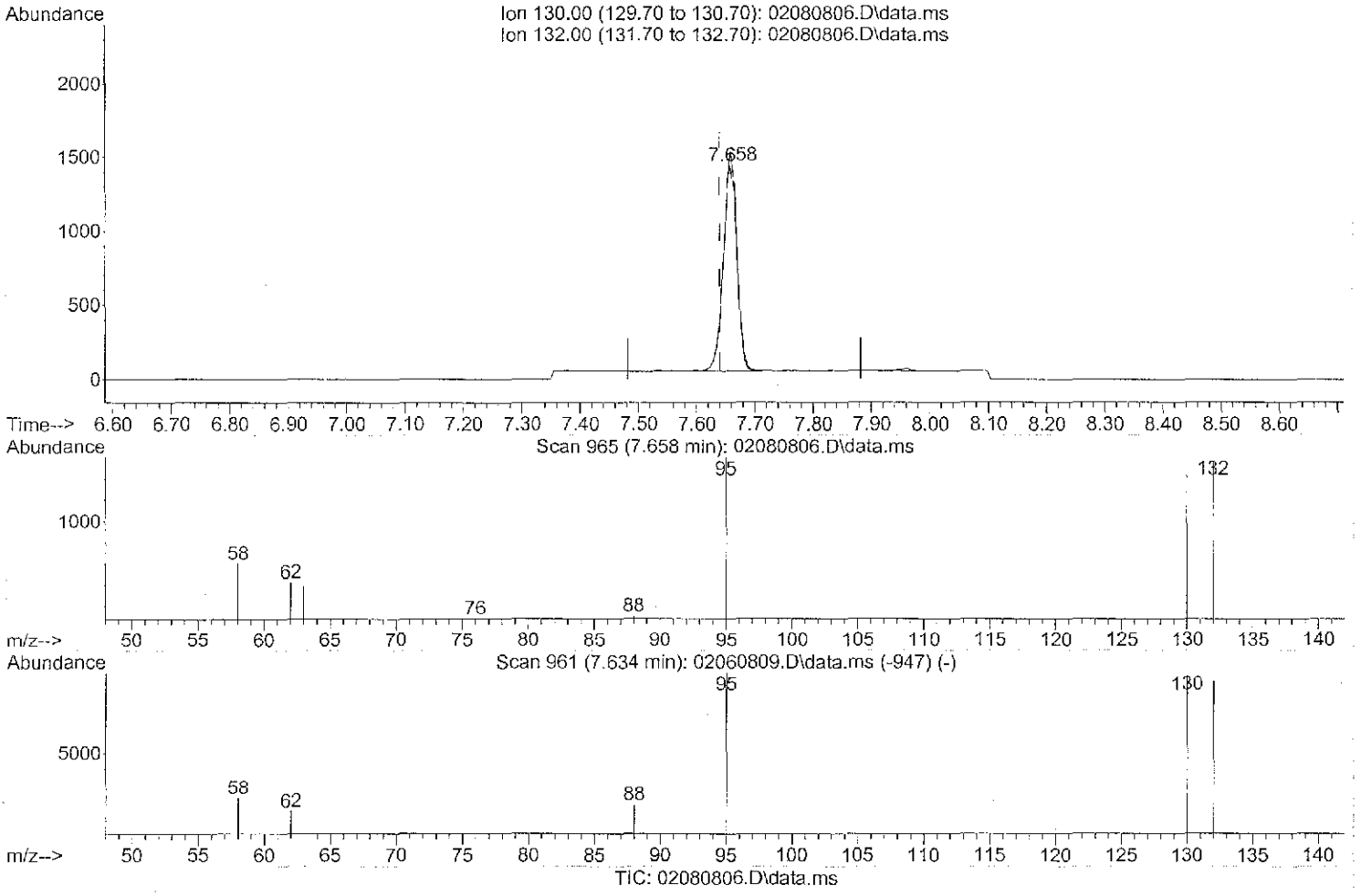
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	374	2.95	pg	99
38) 1,4-Dichlorobenzene	12.97	146	8249	66.76	pg	99
39) 1,2-Dichlorobenzene	13.23	146	504	4.27	pg	99
40) 1,2,4-Trichlorobenzene	14.55	182	1174	14.67	pg	99
41) Naphthalene	14.63	128	4201	21.85	pg	100
42) Hexachlorobutadiene	14.92	225	55	1.23	pg	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080806.D
Acq On : 8 Feb 2008 12:18
Operator : LM
Sample : P2800247-001 (1000ml)
Misc : Alaska ES-1-12008 (-1.6,3.5)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 11:00:18 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



(22) Trichloroethene (T)

7.658min (+0.018) 39.06pg

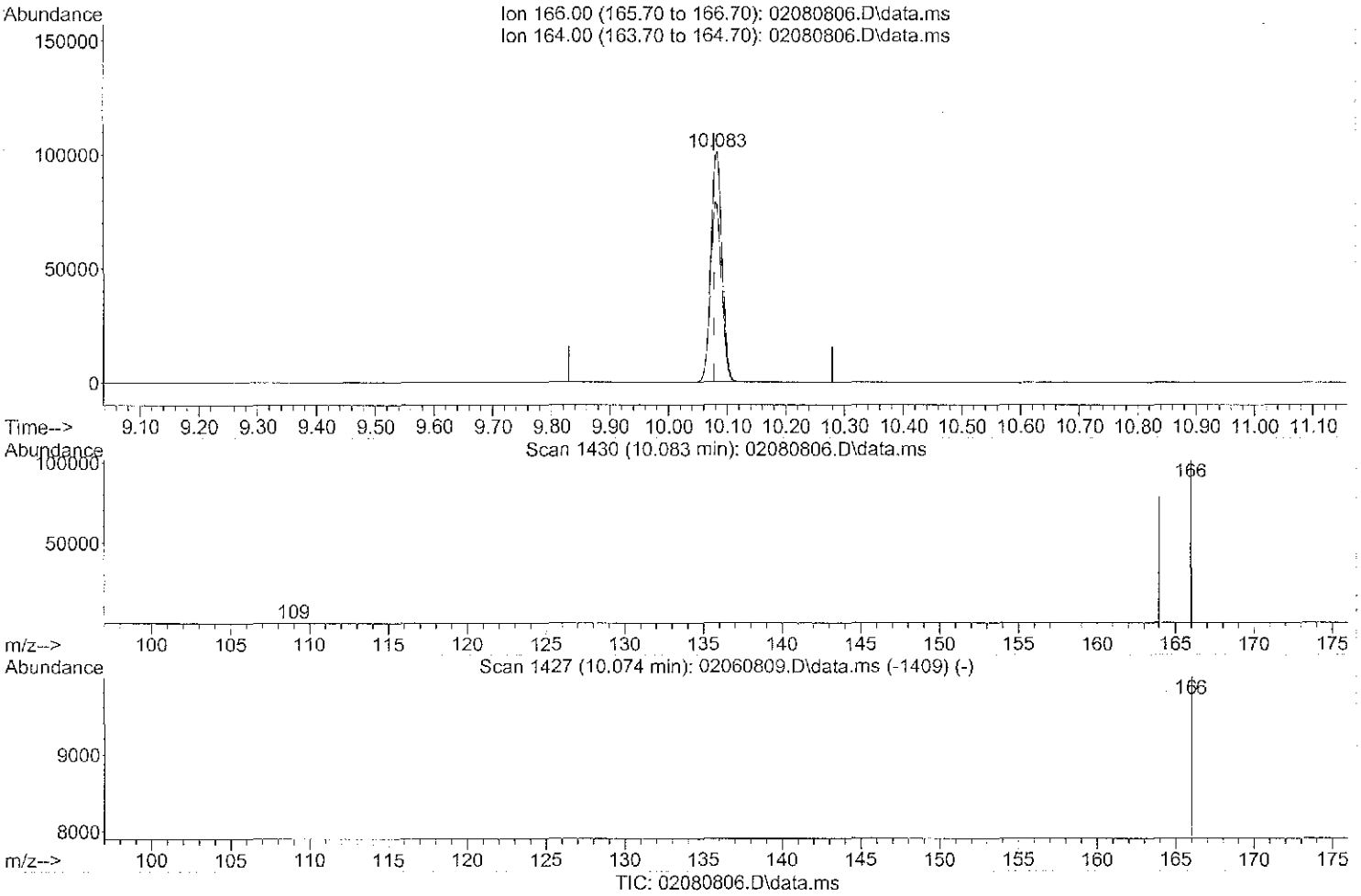
response 2293

Ion	Exp%	Act%
130.00	100	100
132.00	94.50	104.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080806.D
Acq On : 8 Feb 2008 12:18
Operator : LM
Sample : P2800247-001 (1000ml)
Misc : Alaska ES-1-12008 (-1.6,3.5)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 11:00:18 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



(29) Tetrachloroethene (T)

10.083min (+0.006) 2333.99pg

response 135633

Ion	Exp%	Act%
166.00	100	100
164.00	78.40	78.51
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources & Environmental Services LLC**
Client Sample ID: **ES-2-12008**
Client Project ID: **Bentley Mall**

CAS Project ID: P2800247
CAS Sample ID: P2800247-002

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00821

Date Collected: 1/30/08
Date Received: 2/1/08
Date Analyzed: 2/8/08
Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -2.3 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	Trichloroethene	**0.051**	0.037	**0.0094**	0.0068	
127-18-4	Tetrachloroethene	**3.2**	0.037	**0.47**	0.0054	

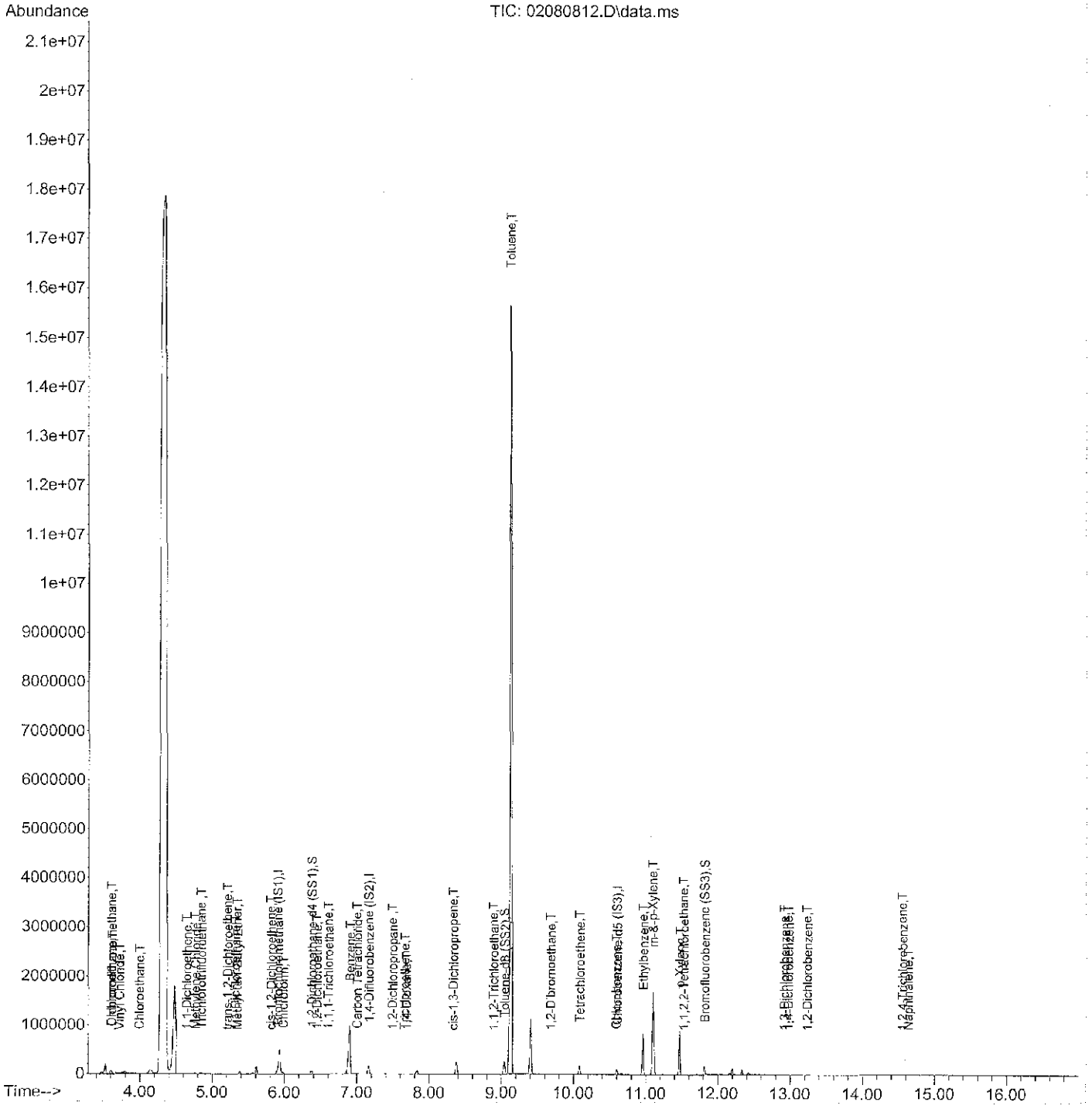
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KC Date: 2/15/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080812.D
Acq On : 8 Feb 2008 17:05
Operator : LM
Sample : P2800247-002 (1000ml)
Misc : Alaska ES-2-12008 (-2.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 12 11:00:58 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080812.D
Acq On : 8 Feb 2008 17:05
Operator : LM
Sample : P2800247-002 (1000ml)
Misc : Alaska ES-2-12008 (-2.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 12 11:00:58 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.90	130	40453	1000.00	pg		0.04
20) 1,4-Difluorobenzene (IS2)	7.16	114	199954	1000.00	pg		0.02
30) Chlorobenzene-d5 (IS3)	10.60	82	100933	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.37	65	75637	991.89	pg		0.03
Spiked Amount 1000.000			Recovery =	99.19%			
26) Toluene-d8 (SS2)	9.04	98	217234	988.39	pg		0.00
Spiked Amount 1000.000			Recovery =	98.84%			
36) Bromofluorobenzene (SS3)	11.81	174	72233	975.58	pg		0.00
Spiked Amount 1000.000			Recovery =	97.56%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.60	85	14297	128.76	pg		99
3) Chloromethane	3.60	52	21244	565.76	pg		100
4) Vinyl Chloride	3.71	62	677	6.99	pg		92
5) Chloroethane	3.99	64	716	14.68	pg		95
6) Acetone	0.00	58	0	N.D.			
7) 1,1-Dichloroethene	4.64	96	322	6.56	pg	#	86
8) Methylene Chloride	4.76	84	8447	150.91	pg		97
9) Trichlorotrifluoroethane	4.84	151	15996	355.53	pg		97
10) trans-1,2-Dichloroethene	5.21	96	72	1.33	pg	#	83
11) 1,1-Dichloroethane	5.31	63	1173	12.13	pg	#	1
12) Methyl tert-Butyl Ether	5.34	73	3154	22.78	pg	#	1
13) cis-1,2-Dichloroethene	5.81	96	169	3.07	pg	#	20
14) Chloroform	5.98	83	34924	435.98	pg		97
16) 1,2-Dichloroethane	6.44	62	5063	66.66	pg		99
17) 1,1,1-Trichloroethane	6.60	97	3595	44.78	pg		86
18) Benzene	6.90	78	1425310	5284.71	pg		99
19) Carbon Tetrachloride	7.00	117	20328	317.67	pg		99
21) 1,2-Dichloropropane	7.49	63	679	10.82	pg		97
22) Trichloroethene	7.65	130	2006	34.46	pg		97
23) 1,4-Dioxane	7.68	88	918	20.72	pg	#	14
24) cis-1,3-Dichloropropene	8.33	75	65	0.73	pg	#	32
25) 1,1,2-Trichloroethane	8.88	83	335	7.06	pg	#	2
27) Toluene	9.13	91	14713401	58322.84	pg		91
28) 1,2-Dibromoethane	9.68	107	48	0.82	pg		87
29) Tetrachloroethene	10.08	166	123710	2147.19	pg		100
31) Chlorobenzene	10.59	112	2311	15.26	pg		66
32) Ethylbenzene	10.96	91	742606	2750.72	pg		98
33) m-&-p-Xylene	11.09	91	1749186	9686.30	pg		100
34) o-Xylene	11.46	91	677546	3573.25	pg		98
35) 1,1,2,2-Tetrachloroethane	11.52	83	15110	187.54	pg	#	28

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080812.D
Acq On : 8 Feb 2008 17:05
Operator : LM
Sample : P2800247-002 (1000ml)
Misc : Alaska ES-2-12008 (-2.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 12 11:00:58 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

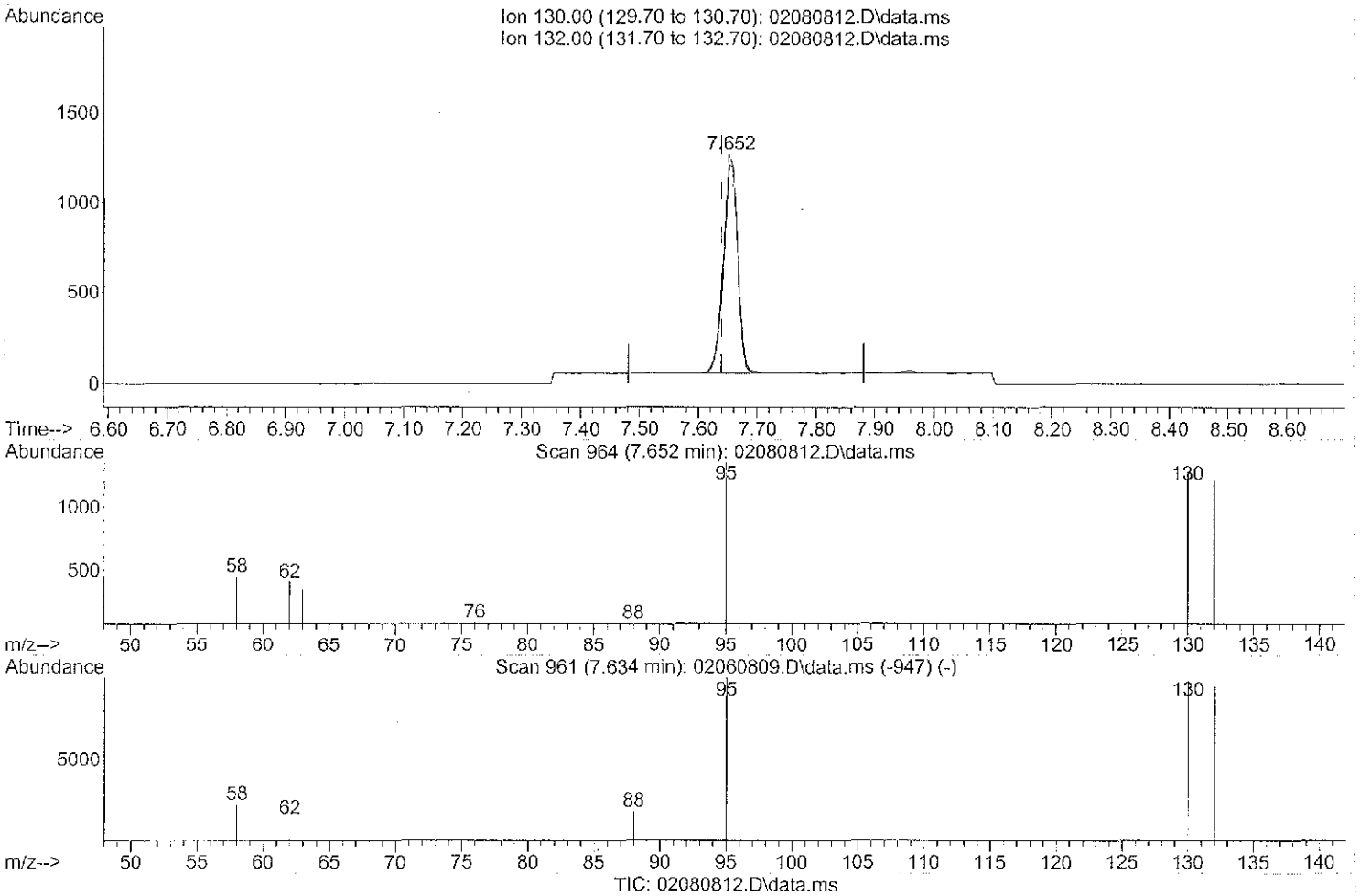
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	154	1.22	pg	92
38) 1,4-Dichlorobenzene	12.97	146	4234	34.29	pg	99
39) 1,2-Dichlorobenzene	13.23	146	399	3.38	pg	95
40) 1,2,4-Trichlorobenzene	14.55	182	241	3.01	pg	96
41) Naphthalene	14.63	128	10646	55.42	pg	100
42) Hexachlorobutadiene	14.93	225	11	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080812.D
Acq On : 8 Feb 2008 17:05
Operator : LM
Sample : P2800247-002 (1000ml)
Misc : Alaska ES-2-12008 (-2.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 12 11:00:58 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



(22) Trichloroethene (T)

7.652min (+0.012) 34.46pg

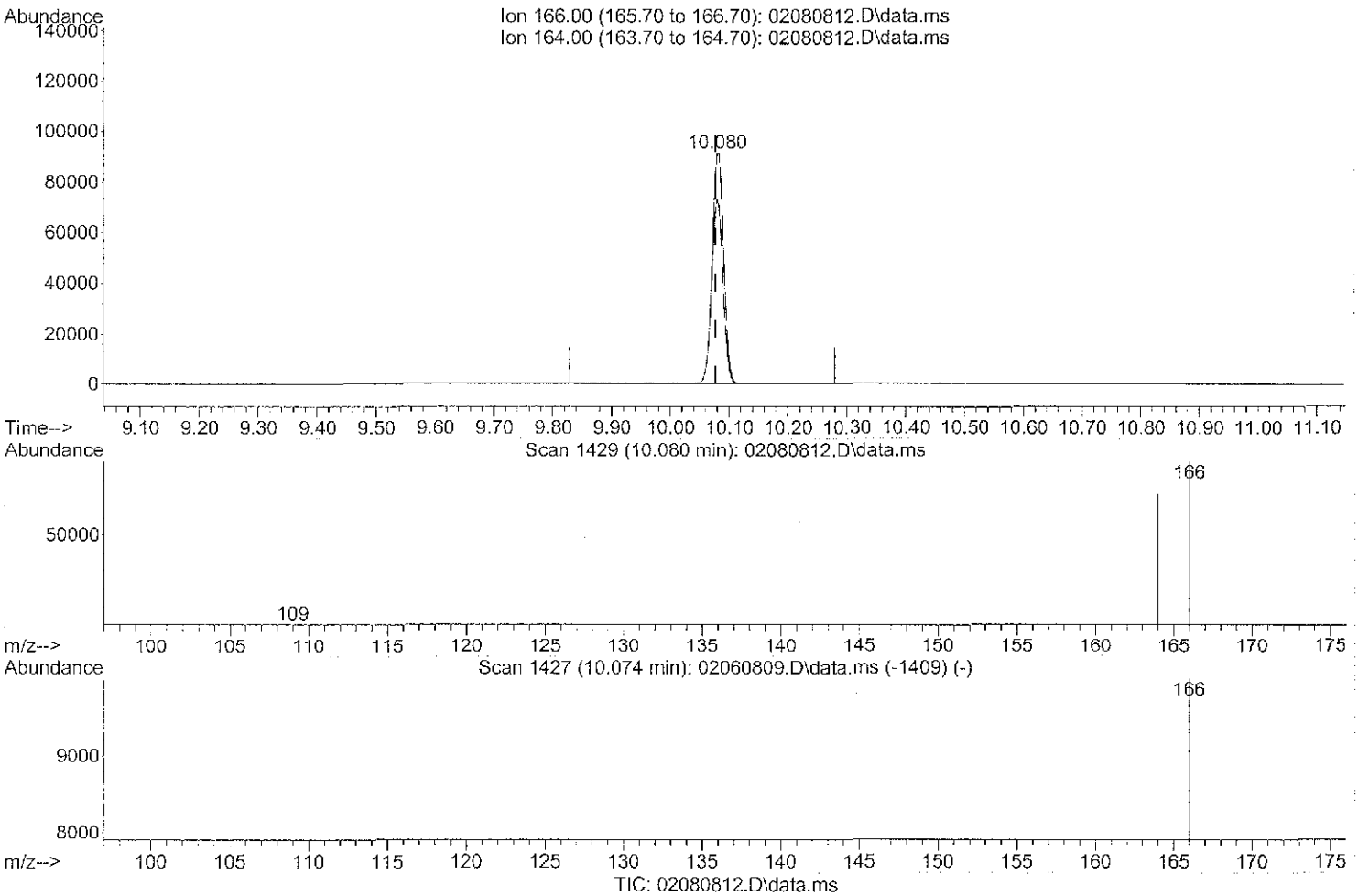
response 2006

Ion	Exp%	Act%
130.00	100	100
132.00	94.50	97.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080812.D
Acq On : 8 Feb 2008 17:05
Operator : LM
Sample : P2800247-002 (1000ml)
Misc : Alaska ES-2-12008 (-2.3,3.5)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 12 11:00:58 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



TIC: 02080812.D\data.ms

(29) Tetrachloroethene (T)

10.080min (+0.003) 2147.19pg

response 123710

Ion	Exp%	Act%
166.00	100	100
164.00	78.40	78.80
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources & Environmental Services LLC**
Client Sample ID: **WFB-1-12008**
Client Project ID: **Bentley Mall**

CAS Project ID: P2800247
CAS Sample ID: P2800247-003

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00968

Date Collected: 1/30/08
Date Received: 2/1/08
Date Analyzed: 2/8/08
Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -3.4 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	Trichloroethene	**0.054**	0.040	**0.010**	0.0075	
127-18-4	Tetrachloroethene	**4.5**	0.040	**0.67**	0.0059	

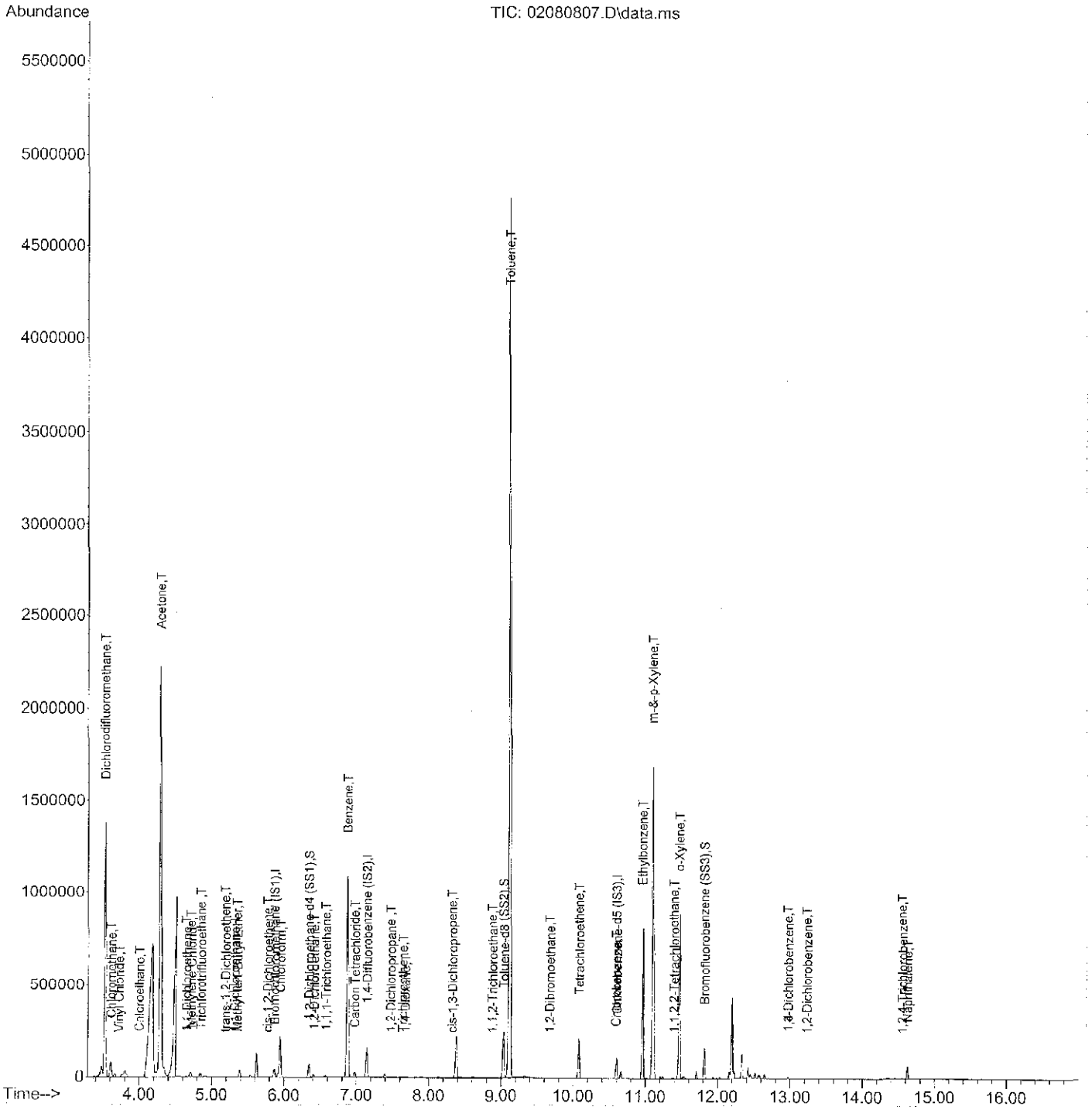
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 2/15/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080807.D
Acq On : 8 Feb 2008 12:49
Operator : LM
Sample : P2800247-003 (1000ml)
Misc : Alaska WFB-1-12008 (-3.4,3.5)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 11:01:54 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080807.D
Acq On : 8 Feb 2008 12:49
Operator : LM
Sample : P2800247-003 (1000ml)
Misc : Alaska WFB-1-12008 (-3.4,3.5)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 11:01:54 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	38428	1000.00	pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	188734	1000.00	pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	95951	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	69529	959.84	pg		0.00
Spiked Amount 1000.000			Recovery =	95.98%			
26) Toluene-d8 (SS2)	9.03	98	203652	981.68	pg		0.00
Spiked Amount 1000.000			Recovery =	98.17%			
36) Bromofluorobenzene (SS3)	11.81	174	70231	997.80	pg		0.00
Spiked Amount 1000.000			Recovery =	99.78%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.52	85	1316923	12484.85	pg		99
3) Chloromethane	3.61	52	21083	591.06	pg		97
4) Vinyl Chloride	3.72	62	768	8.35	pg		91
5) Chloroethane	3.99	64	825	17.81	pg		98
6) Acetone	4.28	58	723233	5026.12	pg	#	51
7) 1,1-Dichloroethene	4.65	96	722	15.47	pg	#	46
8) Methylene Chloride	4.71	84	11981	225.33	pg		97
9) Trichlorotrifluoroethane	4.85	151	14082	329.49	pg		98
10) trans-1,2-Dichloroethene	5.19	96	117	2.28	pg	#	1
11) 1,1-Dichloroethane	5.31	63	1241	13.51	pg	#	1
12) Methyl tert-Butyl Ether	5.35	73	2363	17.97	pg	#	1
13) cis-1,2-Dichloroethene	5.77	96	355	6.78	pg	#	20
14) Chloroform	5.94	83	201621	2649.61	pg		98
16) 1,2-Dichloroethane	6.41	62	3621	50.19	pg		97
17) 1,1,1-Trichloroethane	6.57	97	7221	94.68	pg		99
18) Benzene	6.87	78	1259585	4916.34	pg		99
19) Carbon Tetrachloride	6.97	117	19196	315.79	pg		99
21) 1,2-Dichloropropane	7.47	63	1077	18.19	pg		98
22) Trichloroethene	7.63	130	1826	33.24	pg		99
23) 1,4-Dioxane	7.67	88	976	23.33	pg	#	1
24) cis-1,3-Dichloropropene	8.32	75	211	2.51	pg	#	32
25) 1,1,2-Trichloroethane	8.88	83	405	9.04	pg	#	2
27) Toluene	9.11	91	4037761	16956.89	pg		100
28) 1,2-Dibromoethane	9.67	107	46	0.83	pg		91
29) Tetrachloroethene	10.08	166	153648	2825.35	pg		100
31) Chlorobenzene	10.59	112	2520	17.50	pg		67
32) Ethylbenzene	10.95	91	739105	2879.91	pg		98
33) m-&-p-Xylene	11.09	91	1710694	9965.01	pg		100
34) o-Xylene	11.46	91	677265	3757.22	pg		98
35) 1,1,2,2-Tetrachloroethane	11.39	83	3132	40.89	pg		90

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080807.D
Acq On : 8 Feb 2008 12:49
Operator : LM
Sample : P2800247-003 (1000ml)
Misc : Alaska WFB-1-12008 (-3.4,3.5)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 11:01:54 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

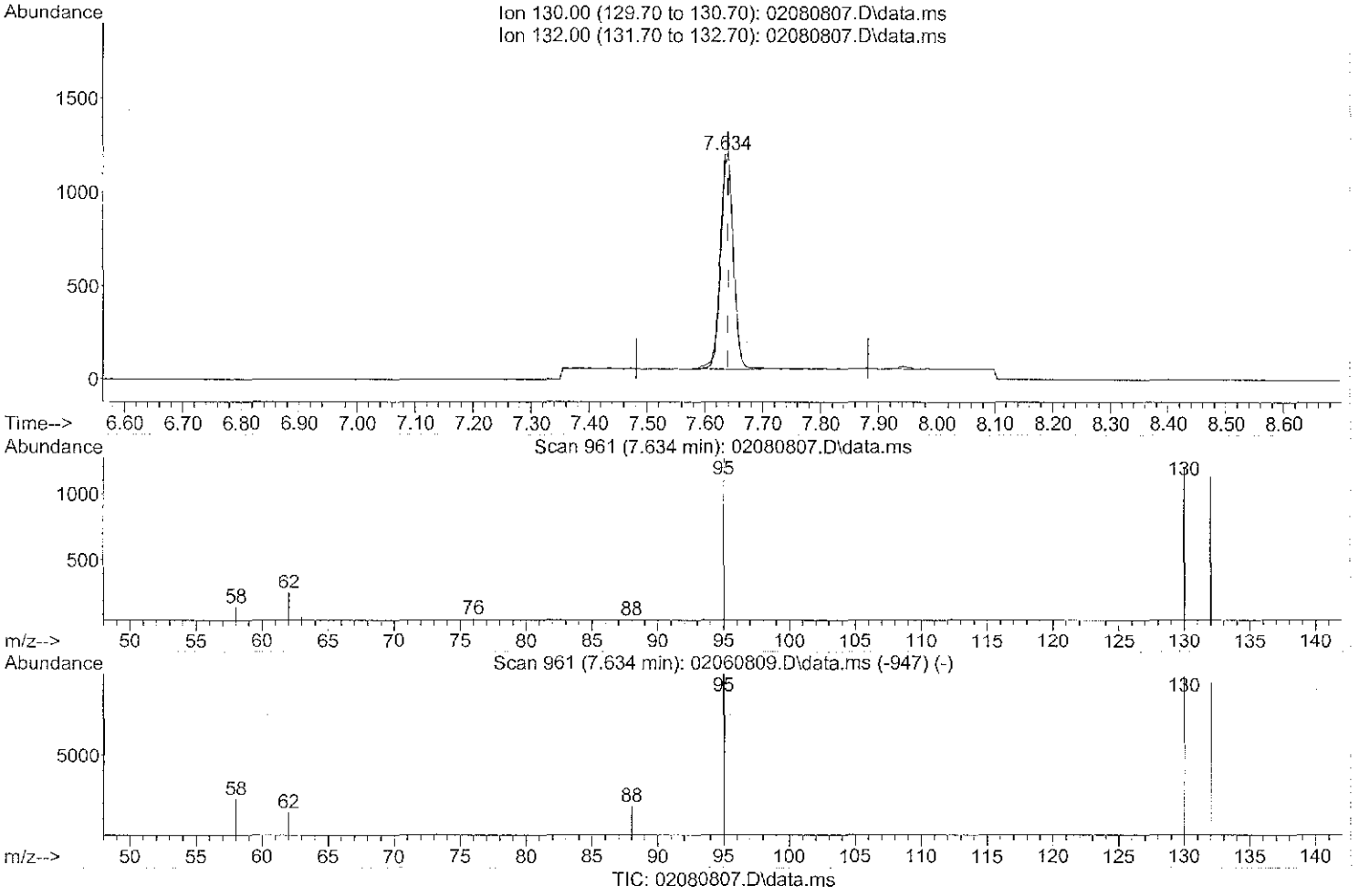
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.97	146	6811	56.57	pg	99
38) 1,4-Dichlorobenzene	12.97	146	6811	58.02	pg	99
39) 1,2-Dichlorobenzene	13.23	146	616	5.49	pg	97
40) 1,2,4-Trichlorobenzene	14.55	182	957	12.59	pg	98
41) Naphthalene	14.62	128	62637	342.98	pg	98
42) Hexachlorobutadiene	14.88	225	12	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080807.D
Acq On : 8 Feb 2008 12:49
Operator : LM
Sample : P2800247-003 (1000ml)
Misc : Alaska WFB-1-12008 (-3.4,3.5)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 11:01:54 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



TIC: 02080807.D\data.ms

(22) Trichloroethene (T)

7.634min (-0.006) 33.24pg

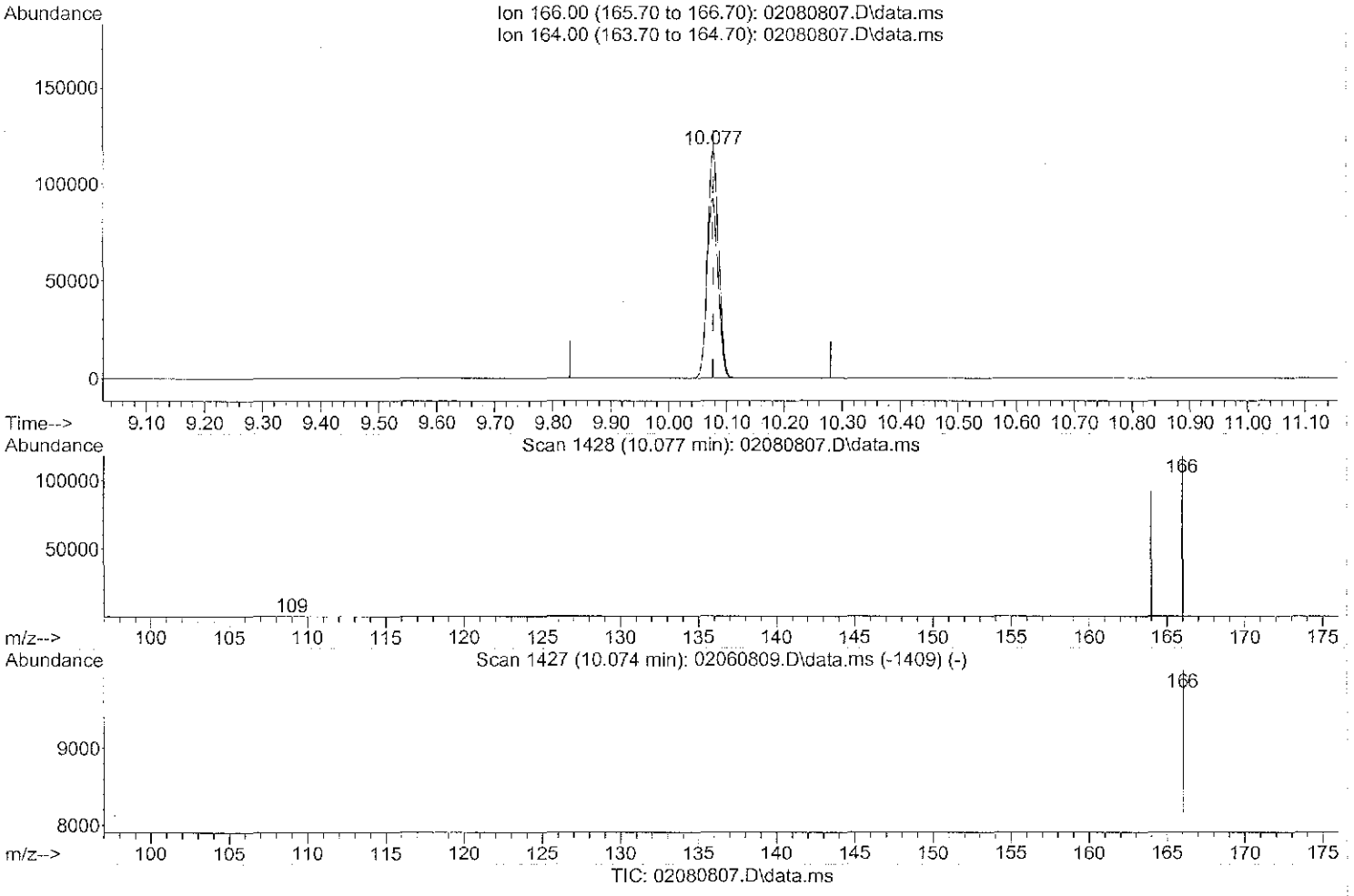
response 1826

Ion	Exp%	Act%
130.00	100	100
132.00	94.50	95.13
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080807.D
Acq On : 8 Feb 2008 12:49
Operator : LM
Sample : P2800247-003 (1000ml)
Misc : Alaska WFB-1-12008 (-3.4,3.5)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 11:01:54 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



TIC: 02080807.D\data.ms

(29) Tetrachloroethene (T)

10.077min (+0.000) 2825.35pg

response 153648

Ion	Exp%	Act%
166.00	100	100
164.00	78.40	78.63
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources & Environmental Services LLC**
Client Sample ID: **WFB-2-12008**
Client Project ID: **Bentley Mall**

CAS Project ID: P2800247
CAS Sample ID: P2800247-004

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01091

Date Collected: 1/30/08
Date Received: 2/1/08
Date Analyzed: 2/8/08
Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): 0.4 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.21

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	Trichloroethene	**0.035**	0.030	**0.0064**	0.0056	
127-18-4	Tetrachloroethene	**5.0**	0.030	**0.73**	0.0045	

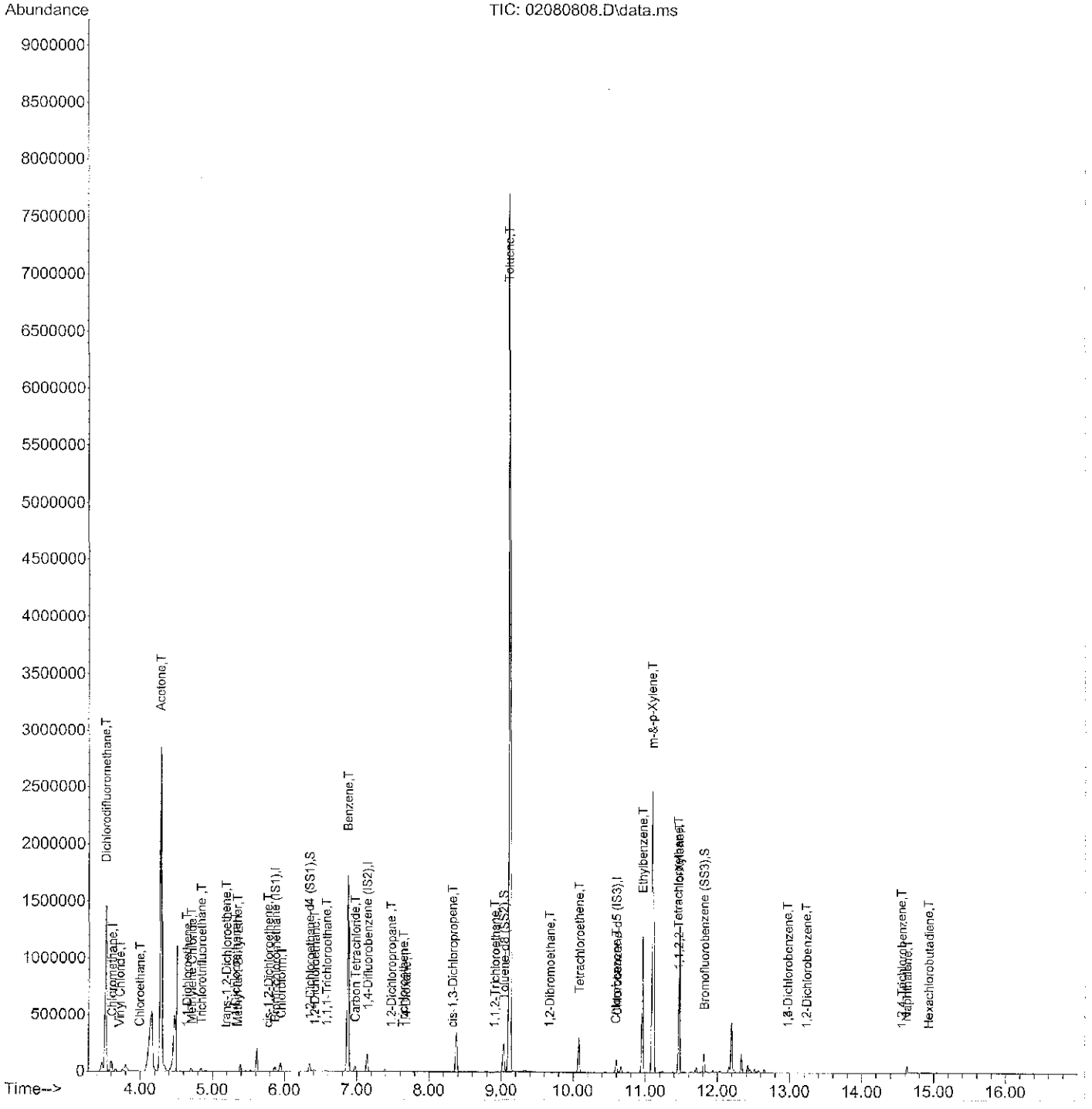
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 2/15/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080808.D
Acq On : 8 Feb 2008 13:20
Operator : LM
Sample : P2800247-004 (1000ml)
Misc : Alaska WFB-2-12008 (0.4,3.5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 12 11:03:20 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080808.D
Acq On : 8 Feb 2008 13:20
Operator : LM
Sample : P2800247-004 (1000ml)
Misc : Alaska WFB-2-12008 (0.4,3.5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 12 11:03:20 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	38662	1000.00	pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	188141	1000.00	pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	96411	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	69095	948.07	pg		0.00
Spiked Amount 1000.000			Recovery =	94.81%			
26) Toluene-d8 (SS2)	9.03	98	204966	991.13	pg		0.00
Spiked Amount 1000.000			Recovery =	99.11%			
36) Bromofluorobenzene (SS3)	11.81	174	69146	977.69	pg		0.00
Spiked Amount 1000.000			Recovery =	97.77%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.52	85	1419755	13378.27	pg		99
3) Chloromethane	3.60	52	28494	793.99	pg		100
4) Vinyl Chloride	3.71	62	957	10.34	pg		91
5) Chloroethane	3.99	64	973	20.88	pg		96
6) Acetone	4.28	58	859133	5934.43	pg	#	38
7) 1,1-Dichloroethene	4.64	96	752	16.02	pg	#	85
8) Methylene Chloride	4.71	84	13015	243.29	pg		97
9) Trichlorotrifluoroethane	4.84	151	19370	450.47	pg		98
10) trans-1,2-Dichloroethene	5.19	96	94	1.82	pg	#	12
11) 1,1-Dichloroethane	5.31	63	1722	18.63	pg	#	1
12) Methyl tert-Butyl Ether	5.34	73	3378	25.53	pg	#	52
13) cis-1,2-Dichloroethene	5.77	96	204	3.87	pg	#	20
14) Chloroform	5.94	83	72942	952.77	pg		98
16) 1,2-Dichloroethane	6.41	62	4469	61.57	pg		98
17) 1,1,1-Trichloroethane	6.57	97	9069	118.19	pg		100
18) Benzene	6.87	78	1999903	7758.66	pg		99
19) Carbon Tetrachloride	6.97	117	33629	549.87	pg		99
21) 1,2-Dichloropropane	7.47	63	1169	19.80	pg		89
22) Trichloroethene	7.63	130	1565	28.58	pg		95
23) 1,4-Dioxane	7.67	88	945	22.66	pg	#	1
24) cis-1,3-Dichloropropene	8.32	75	192	2.29	pg	#	32
25) 1,1,2-Trichloroethane	8.91	83	637	14.26	pg	#	2
27) Toluene	9.11	91	6386612	26905.61	pg		99
28) 1,2-Dibromoethane	9.67	107	79	1.43	pg		96
29) Tetrachloroethene	10.08	166	222229	4099.33	pg		100
31) Chlorobenzene	10.59	112	3390	23.43	pg		67
32) Ethylbenzene	10.96	91	1091958	4234.49	pg		98
33) m-&-p-Xylene	11.09	91	2544154	14749.31	pg		99
34) o-Xylene	11.46	91	983181	5428.31	pg		98
35) 1,1,2,2-Tetrachloroethane	11.45	83	1131	14.70	pg	#	1

07/11/08

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080808.D
Acq On : 8 Feb 2008 13:20
Operator : LM
Sample : P2800247-004 (1000ml)
Misc : Alaska WFB-2-12008 (0.4,3.5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 12 11:03:20 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.97	146	6163	50.94	pg	100
38) 1,4-Dichlorobenzene	12.97	146	6163	52.25	pg	99
39) 1,2-Dichlorobenzene	13.23	146	373	3.31	pg	94
40) 1,2,4-Trichlorobenzene	14.55	182	748	9.79	pg	95
41) Naphthalene	14.62	128	62842	342.46	pg	100
42) Hexachlorobutadiene	14.93	225	22	0.51	pg	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

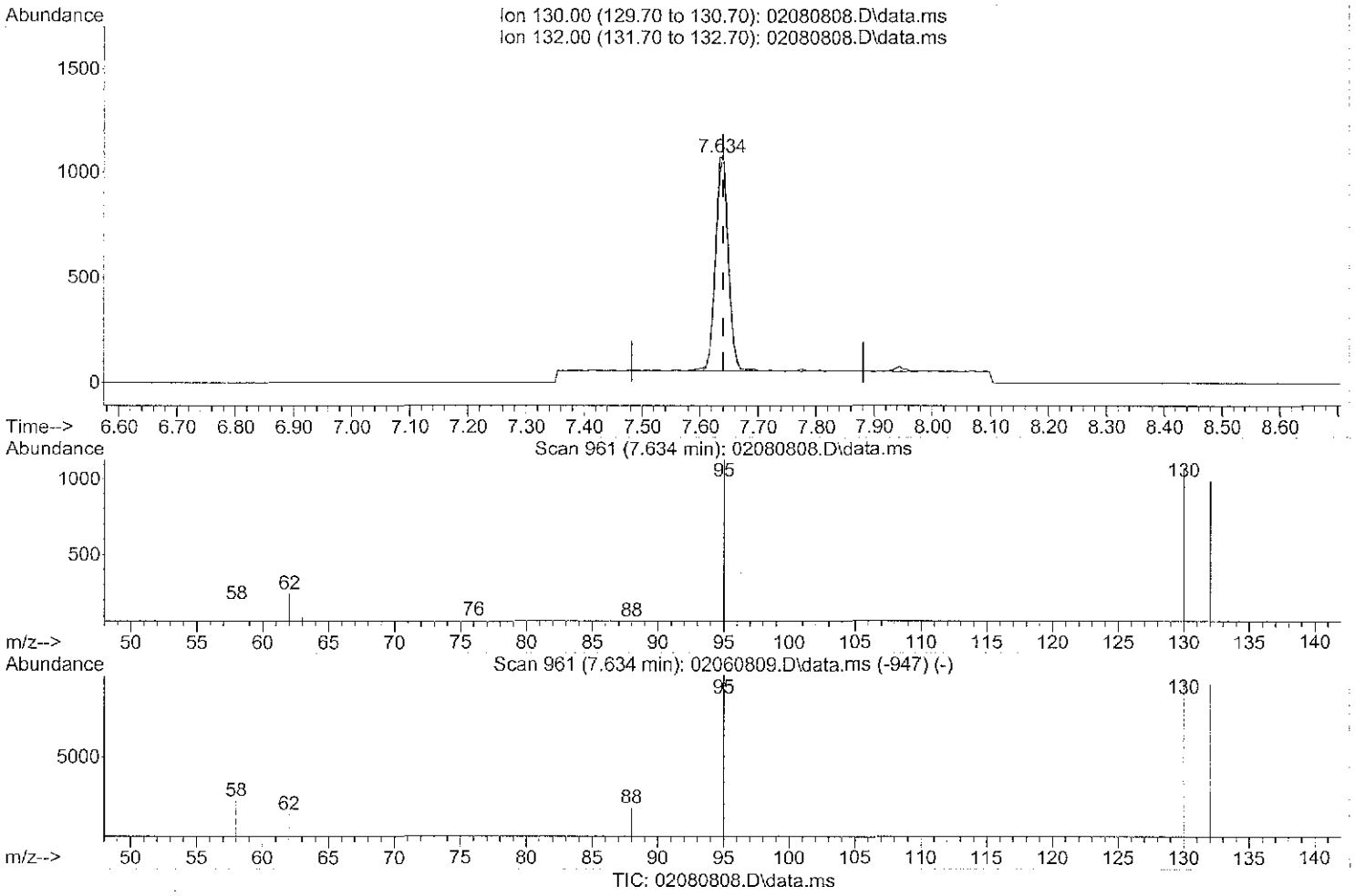
2/12/08

27

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080808.D
Acq On : 8 Feb 2008 13:20
Operator : LM
Sample : P2800247-004 (1000ml)
Misc : Alaska WFB-2-12008 (0.4,3.5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 12 11:03:20 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



TIC: 02080808.D\data.ms

(22) Trichloroethene (T)

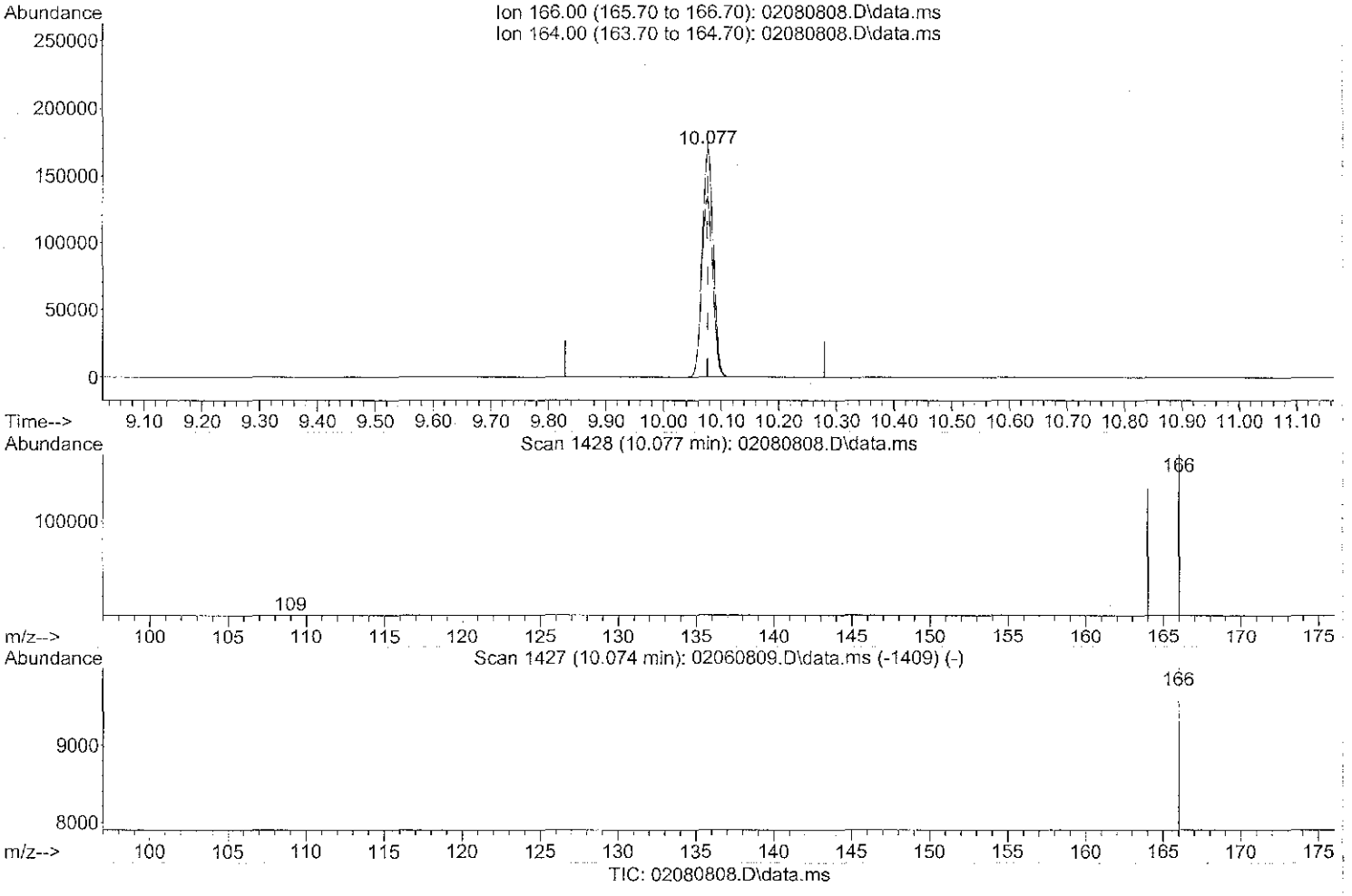
7.634min (-0.006) 28.58pg

response 1565

Ion	Exp%	Act%
130.00	100	100
132.00	94.50	99.62
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080808.D
Acq On : 8 Feb 2008 13:20
Operator : LM
Sample : P2800247-004 (1000ml)
Misc : Alaska WFB-2-12008 (0.4,3.5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 12 11:03:20 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



TIC: 02080808.D\data.ms

(29) Tetrachloroethene (T)

10.077min (-0.000) 4099.33pg

response 222229

Ion	Exp%	Act%
166.00	100	100
164.00	78.40	78.58
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources & Environmental Services LLC**
Client Sample ID: **WFB-3-12008**
Client Project ID: **Bentley Mall**

CAS Project ID: P2800247
CAS Sample ID: P2800247-005

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01171

Date Collected: 1/30/08
Date Received: 2/1/08
Date Analyzed: 2/8/08
Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -3.8 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	Trichloroethene	**0.046**	0.042	**0.0085**	0.0078	
127-18-4	Tetrachloroethene	**4.3**	0.042	**0.63**	0.0062	

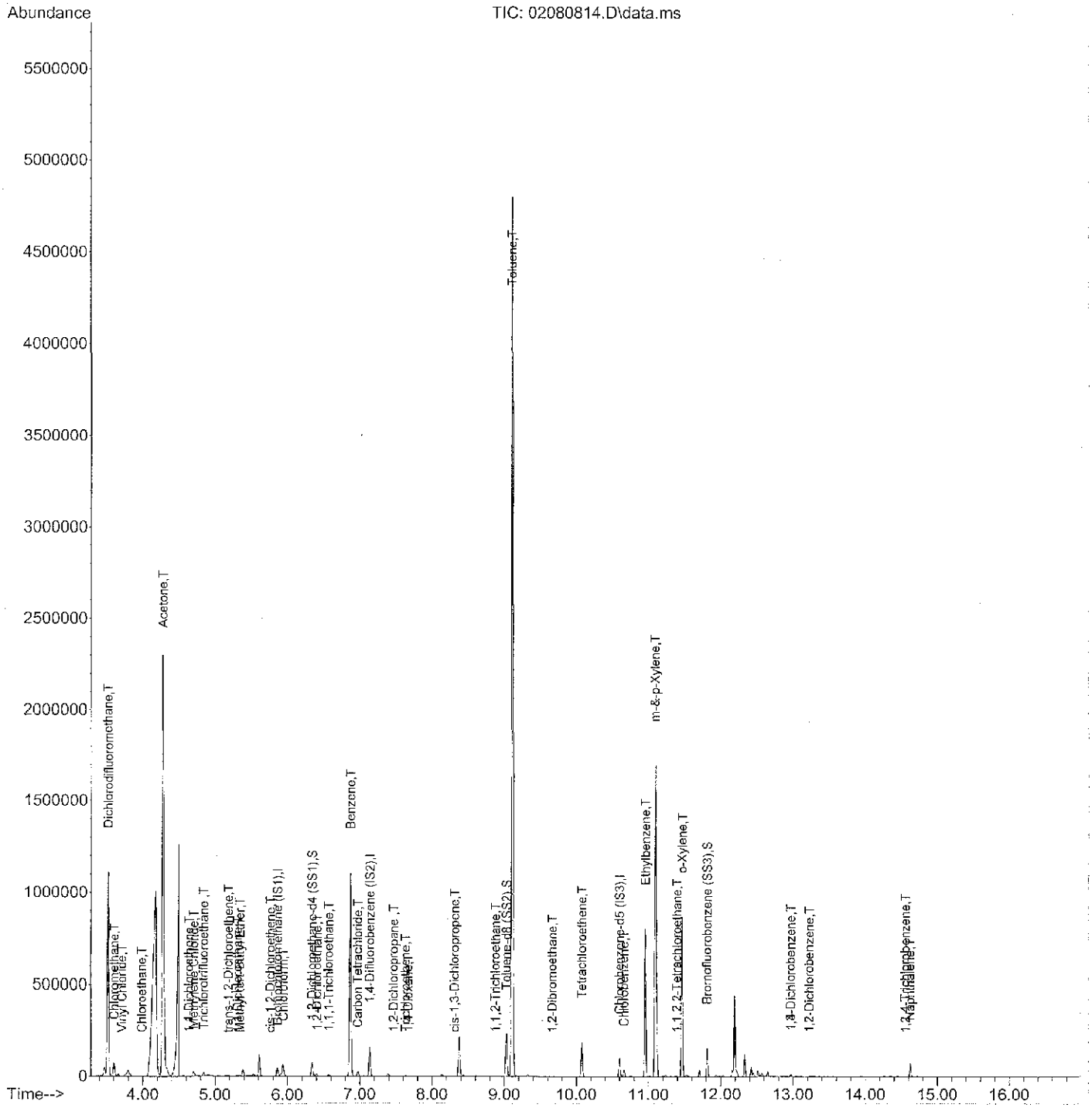
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 2/15/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080814.D
Acq On : 8 Feb 2008 18:04
Operator : LM
Sample : P2800247-005 (1000ml)
Misc : Alaska WFB-3-12008 (-3.8,3.5)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 12 11:04:06 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



31

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080814.D
Acq On : 8 Feb 2008 18:04
Operator : LM
Sample : P2800247-005 (1000ml)
Misc : Alaska WFB-3-12008 (-3.8,3.5)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 12 11:04:06 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	38511	1000.00	pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	188014	1000.00	pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	94169	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	68709	946.47	pg		0.00
Spiked Amount 1000.000			Recovery =	94.65%			
26) Toluene-d8 (SS2)	9.03	98	204386	988.99	pg		0.00
Spiked Amount 1000.000			Recovery =	98.90%			
36) Bromofluorobenzene (SS3)	11.82	174	68639	993.63	pg		0.00
Spiked Amount 1000.000			Recovery =	99.36%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.52	85	1055362	9983.61	pg		99
3) Chloromethane	3.61	52	20616	576.72	pg		98
4) Vinyl Chloride	3.72	62	632	6.86	pg	#	44
5) Chloroethane	3.99	64	682	14.69	pg		95
6) Acetone	4.28	58	730601	5066.39	pg	#	49
7) 1,1-Dichloroethene	4.64	96	586	12.53	pg	#	30
8) Methylene Chloride	4.71	84	11190	210.00	pg		96
9) Trichlorotrifluoroethane	4.84	151	13505	315.30	pg		98
10) trans-1,2-Dichloroethene	5.19	96	68	1.32	pg	#	1
11) 1,1-Dichloroethane	5.31	63	1051	11.41	pg	#	1
12) Methyl tert-Butyl Ether	5.34	73	2042	15.49	pg	#	52
13) cis-1,2-Dichloroethene	5.77	96	147	2.80	pg	#	18
14) Chloroform	5.94	83	59228	776.67	pg		98
16) 1,2-Dichloroethane	6.41	62	3523	48.73	pg		98
17) 1,1,1-Trichloroethane	6.57	97	5385	70.45	pg		99
18) Benzene	6.87	78	1260554	4909.52	pg		99
19) Carbon Tetrachloride	6.97	117	18897	310.20	pg		99
21) 1,2-Dichloropropane	7.47	63	1167	19.78	pg		96
22) Trichloroethene	7.63	130	1501	27.43	pg		96
23) 1,4-Dioxane	7.67	88	1552	37.25	pg	#	1
24) cis-1,3-Dichloropropene	8.31	75	234	2.79	pg	#	32
25) 1,1,2-Trichloroethane	8.88	83	723	16.20	pg	#	2
27) Toluene	9.11	91	4205312	17728.16	pg		100
28) 1,2-Dibromoethane	9.67	107	35	0.63	pg	#	49
29) Tetrachloroethene	10.08	166	139384	2572.87	pg		100
31) Chlorobenzene	10.66	112	14758	104.44	pg	#	48
32) Ethylbenzene	10.96	91	732806	2909.39	pg		98
33) m-&-p-Xylene	11.09	91	1731268	10275.70	pg		99
34) o-Xylene	11.47	91	683758	3865.02	pg		98
35) 1,1,2,2-Tetrachloroethane	11.39	83	3046	40.52	pg		88

LM 2/12/08

Quantitation Report (~~Not~~ Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080814.D
Acq On : 8 Feb 2008 18:04
Operator : LM
Sample : P2800247-005 (1000ml)
Misc : Alaska WFB-3-12008 (-3.8,3.5)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 12 11:04:06 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.97	146	8153	68.99	pg	100
38) 1,4-Dichlorobenzene	12.97	146	8153	70.77	pg	99
39) 1,2-Dichlorobenzene	13.23	146	500	4.54	pg	95
40) 1,2,4-Trichlorobenzene	14.56	182	266	3.57	pg	85
41) Naphthalene	14.62	128	71874	401.01	pg	98
42) Hexachlorobutadiene	14.93	225	16	N.D.		

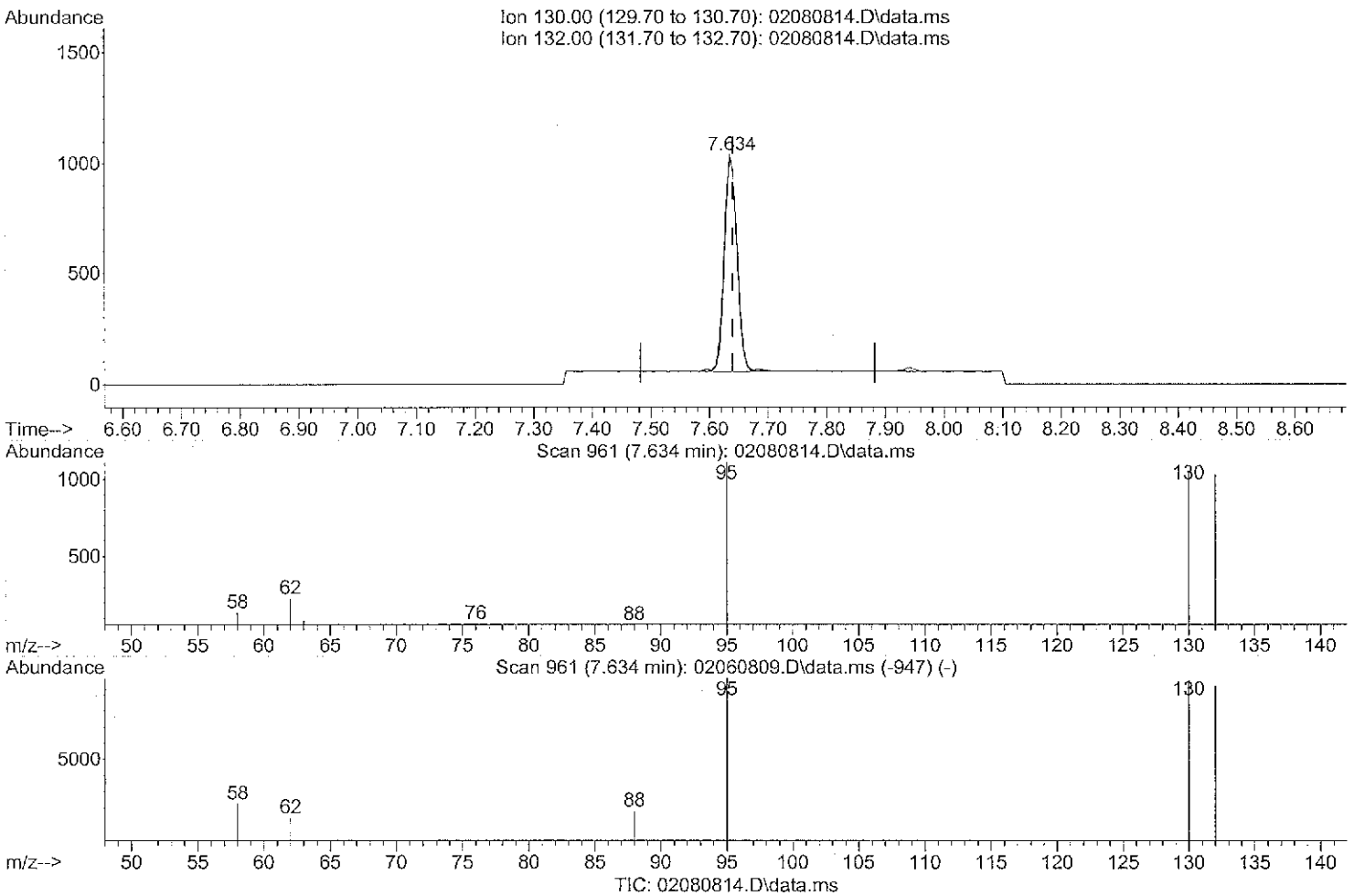
(#) = qualifier out of range (m) = manual integration (+) = signals summed

2/12/08

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080814.D
Acq On : 8 Feb 2008 18:04
Operator : LM
Sample : P2800247-005 (1000ml)
Misc : Alaska WFB-3-12008 (-3.8,3.5)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 12 11:04:06 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



(22) Trichloroethene (T)

7.634min (-0.006) 27.43pg

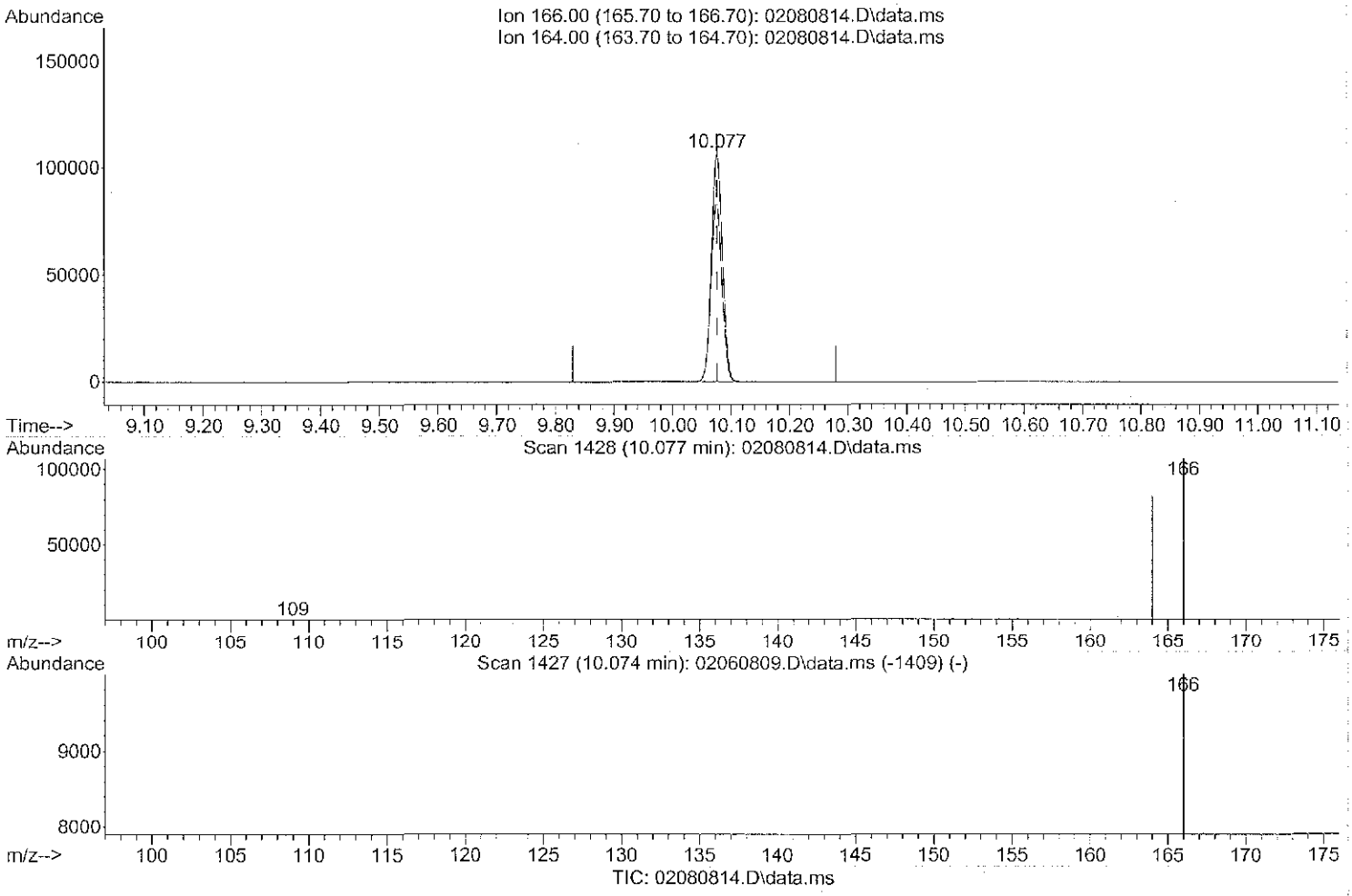
response 1501

Ion	Exp%	Act%
130.00	100	100
132.00	94.50	98.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080814.D
Acq On : 8 Feb 2008 18:04
Operator : LM
Sample : P2800247-005 (1000ml)
Misc : Alaska WFB-3-12008 (-3.8,3.5)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 12 11:04:06 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



TIC: 02080814.D\data.ms

(29) Tetrachloroethene (T)

10.077min (+0.000) 2572.87pg

response 139384

Ion	Exp%	Act%
166.00	100	100
164.00	78.40	78.61
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources & Environmental Services LLC**
Client Sample ID: **VS1-CI-12008**
Client Project ID: **Bentley Mall**

CAS Project ID: P2800247
CAS Sample ID: P2800247-006

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01289

Date Collected: 1/30/08
Date Received: 2/1/08
Date Analyzed: 2/8/08
Volume(s) Analyzed: 0.010 Liter(s)

Initial Pressure (psig): -2.3 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	3.7	ND	1.4	
75-35-4	1,1-Dichloroethene	ND	3.7	ND	0.93	
156-60-5	trans-1,2-Dichloroethene	ND	3.7	ND	0.93	
156-59-2	cis-1,2-Dichloroethene	ND	3.7	ND	0.93	
67-66-3	Chloroform	ND	15	ND	3.0	
71-55-6	1,1,1-Trichloroethane	ND	3.7	ND	0.67	
56-23-5	Carbon Tetrachloride	ND	3.7	ND	0.58	
79-01-6	Trichloroethene	**3.9**	3.7	**0.72**	0.68	
79-00-5	1,1,2-Trichloroethane	ND	3.7	ND	0.67	
127-18-4	Tetrachloroethene	**1,800**	3.7	**270**	0.54	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	ND	0.54	

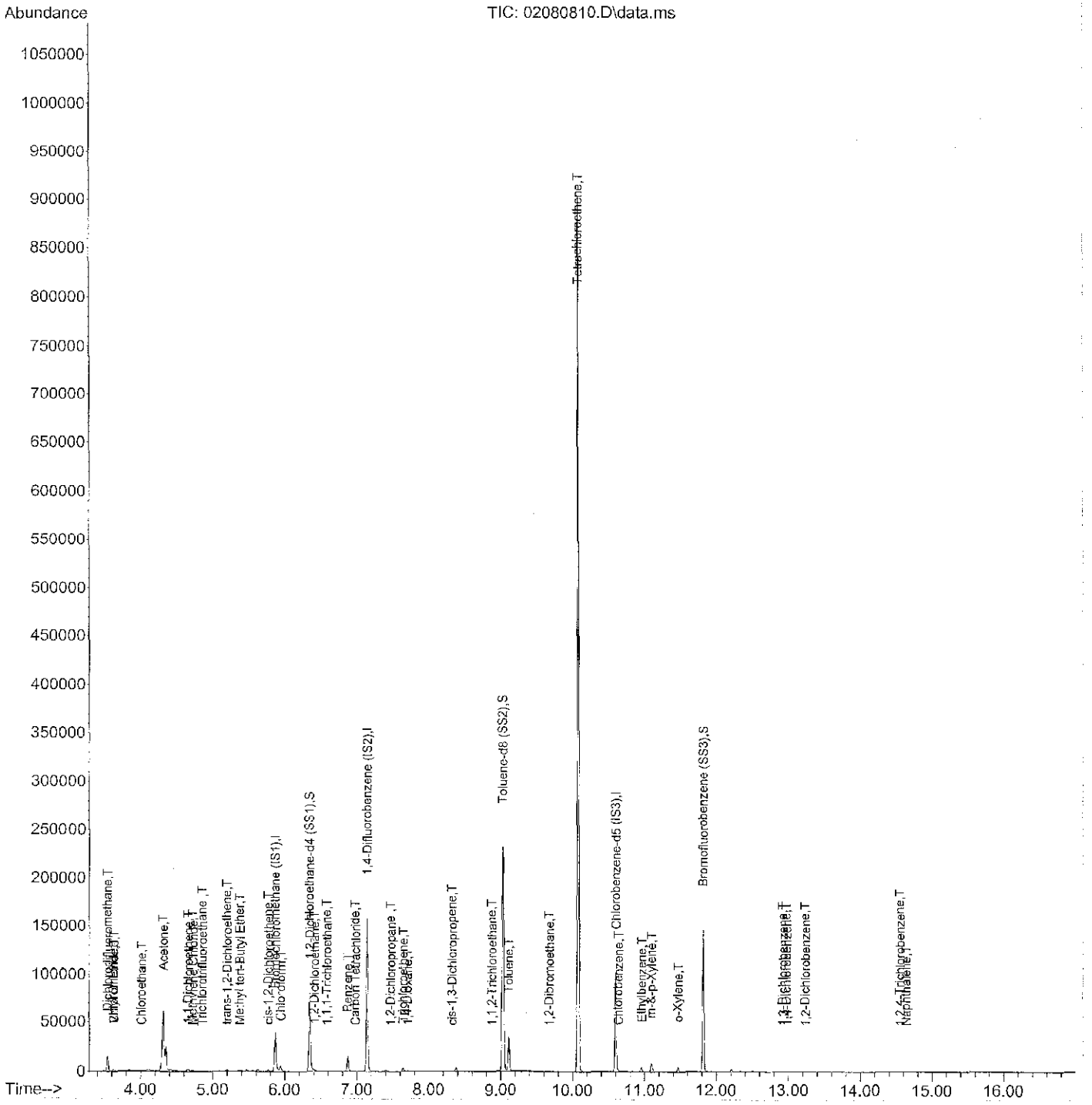
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 2/15/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080810.D
Acq On : 8 Feb 2008 14:53
Operator : LM
Sample : P2800247-006 (10.0ml)
Misc : Alaska WS1-CI-12008 (-2.3,3.5)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:06:19 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080810.D
Acq On : 8 Feb 2008 14:53
Operator : LM
Sample : P2800247-006 (10.0ml)
Misc : Alaska WS1-CI-12008 (-2.3,3.5)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:06:19 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	38225	1000.00	pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	185744	1000.00	pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	94572	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	73744	1023.43	pg		0.00
Spiked Amount 1000.000			Recovery = 102.34%				
26) Toluene-d8 (SS2)	9.02	98	203887	998.64	pg		0.00
Spiked Amount 1000.000			Recovery = 99.86%				
36) Bromofluorobenzene (SS3)	11.81	174	68442	986.56	pg		0.00
Spiked Amount 1000.000			Recovery = 98.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.54	85	14665	139.77	pg		99
3) Chloromethane	3.63	52	357	10.06	pg	#	90
4) Vinyl Chloride	3.62	62	75	0.82	pg	#	1
5) Chloroethane	4.01	64	63	1.37	pg	#	63
6) Acetone	4.31	58	31709	221.53	pg	#	77
7) 1,1-Dichloroethene	4.66	96	848	18.27	pg		91
8) Methylene Chloride	4.72	84	341	6.45	pg		97
9) Trichlorotrifluoroethane	4.85	151	177	4.16	pg		95
10) trans-1,2-Dichloroethene	5.20	96	392	7.67	pg		92
11) 1,1-Dichloroethane	5.37	63	17	N.D.			
12) Methyl tert-Butyl Ether	5.37	73	390	2.98	pg		95
13) cis-1,2-Dichloroethene	5.77	96	601	11.54	pg		99
14) Chloroform	5.94	83	4062	53.66	pg		98
16) 1,2-Dichloroethane	6.41	62	316	4.40	pg		95
17) 1,1,1-Trichloroethane	6.58	97	61	0.80	pg		88
18) Benzene	6.87	78	16768	65.80	pg		99
19) Carbon Tetrachloride	6.98	117	244	4.04	pg		90
21) 1,2-Dichloropropane	7.47	63	33	0.57	pg		93
22) Trichloroethene	7.64	130	1419	26.24	pg		96
23) 1,4-Dioxane	7.70	88	188	4.57	pg	#	66
24) cis-1,3-Dichloropropene	8.32	75	48	0.58	pg	#	48
25) 1,1,2-Trichloroethane	8.88	83	32	0.73	pg	#	20
27) Toluene	9.11	91	29296	125.01	pg		100
28) 1,2-Dibromoethane	9.67	107	43	0.79	pg		89
29) Tetrachloroethene	10.07	166	661178	12353.77	pg		100
31) Chlorobenzene	10.64	112	186	1.31	pg		96
32) Ethylbenzene	10.96	91	3975	15.71	pg		99
33) m-&-p-Xylene	11.09	91	8964	52.98	pg		99
34) o-Xylene	11.46	91	3559	20.03	pg		97
35) 1,1,2,2-Tetrachloroethane	11.43	83	14	N.D.			

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Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080810.D
Acq On : 8 Feb 2008 14:53
Operator : LM
Sample : P2800247-006 (10.0ml)
Misc : Alaska WS1-CI-12008 (-2.3,3.5)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:06:19 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	104	0.88	pg	82
38) 1,4-Dichlorobenzene	12.97	146	202	1.75	pg	97
39) 1,2-Dichlorobenzene	13.23	146	72	0.65	pg	94
40) 1,2,4-Trichlorobenzene	14.55	182	124	1.66	pg	85
41) Naphthalene	14.63	128	870	4.83	pg	91
42) Hexachlorobutadiene	14.92	225	11	N.D.		

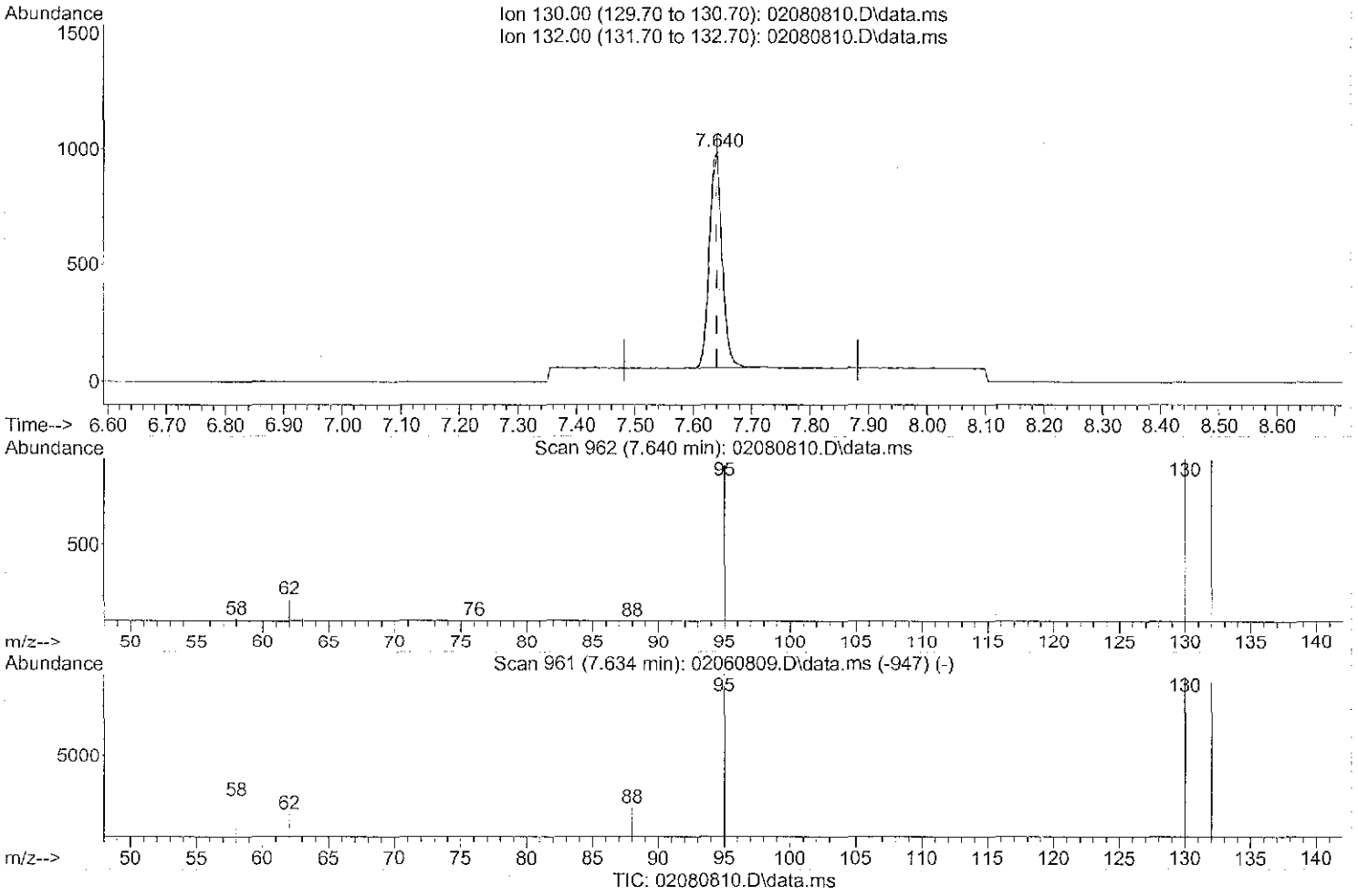
(#) = qualifier out of range (m) = manual integration (+) = signals summed

IM 2/14/08

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080810.D
Acq On : 8 Feb 2008 14:53
Operator : LM
Sample : P2800247-006 (10.0ml)
Misc : Alaska WS1-CI-12008 (-2.3,3.5)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:06:19 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



(22) Trichloroethene (T)

7.640min (+0.000) 26.24pg

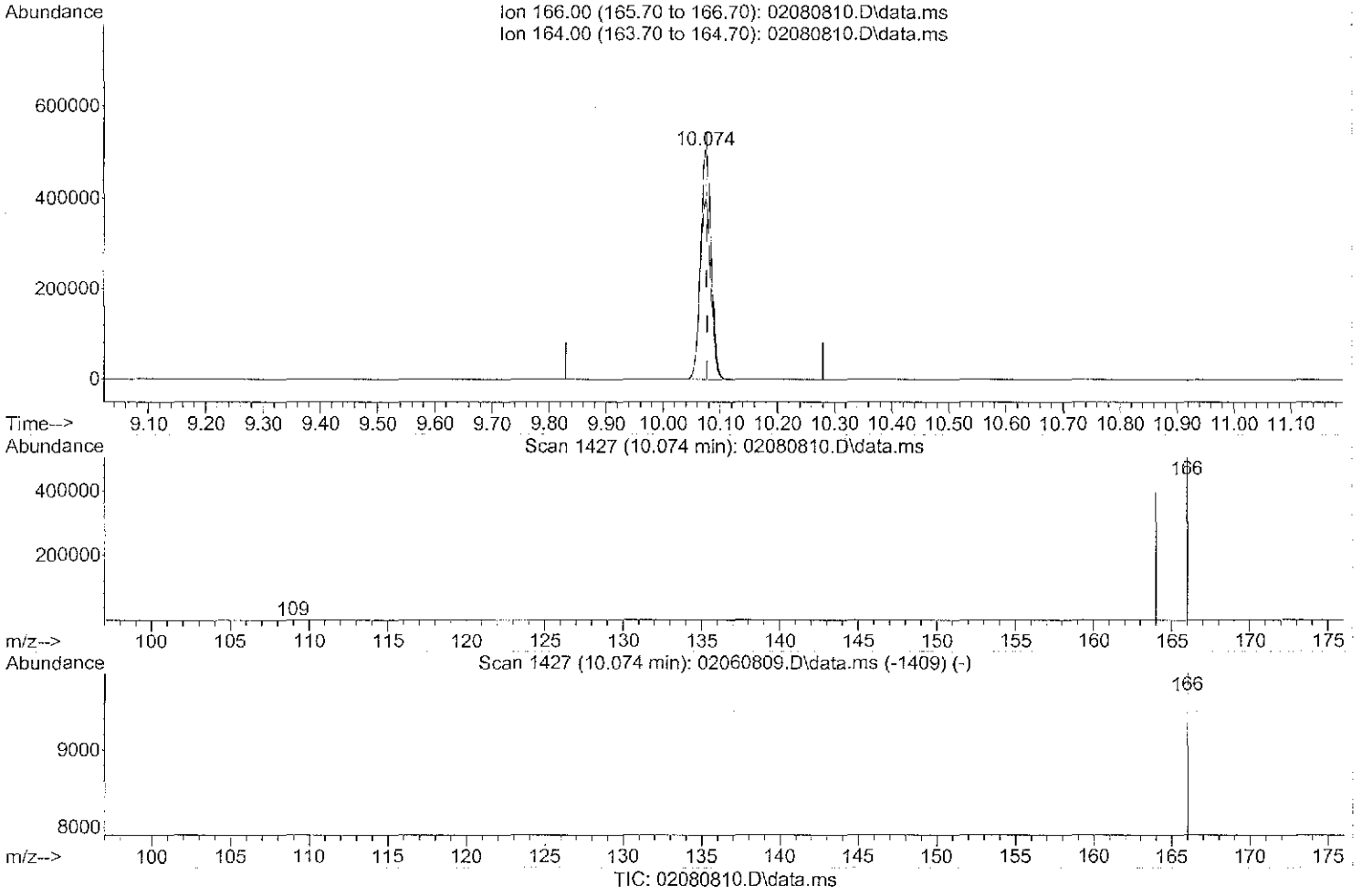
response 1419

Ion	Exp%	Act%
130.00	100	100
132.00	94.50	98.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080810.D
Acq On : 8 Feb 2008 14:53
Operator : LM
Sample : P2800247-006 (10.0ml)
Misc : Alaska WS1-CI-12008 (-2.3,3.5)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:06:19 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



TIC: 02080810.D\data.ms

(29) Tetrachloroethene (T)

10.074min (-0.003) 12353.77pg

response 661178

Ion	Exp%	Act%
166.00	100	100
164.00	78.40	78.73
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources & Environmental Services LLC**
Client Sample ID: **VS2-CE-12008**
Client Project ID: **Bentley Mall**

CAS Project ID: P2800247
CAS Sample ID: P2800247-007

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01286

Date Collected: 1/30/08
Date Received: 2/1/08
Date Analyzed: 2/8/08
Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): 1.1 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.15

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.045**	0.029	**0.018**	0.011	
75-35-4	1,1-Dichloroethene	**0.036**	0.029	**0.0090**	0.0073	
156-60-5	trans-1,2-Dichloroethene	ND	0.029	ND	0.0073	
156-59-2	cis-1,2-Dichloroethene	ND	0.029	ND	0.0073	
67-66-3	Chloroform	ND	0.12	ND	0.024	
71-55-6	1,1,1-Trichloroethane	ND	0.029	ND	0.0053	
56-23-5	Carbon Tetrachloride	ND	0.029	ND	0.0046	
79-01-6	Trichloroethene	ND	0.029	ND	0.0054	
79-00-5	1,1,2-Trichloroethane	ND	0.029	ND	0.0053	
127-18-4	Tetrachloroethene	**1.6**	0.029	**0.24**	0.0042	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.029	ND	0.0042	

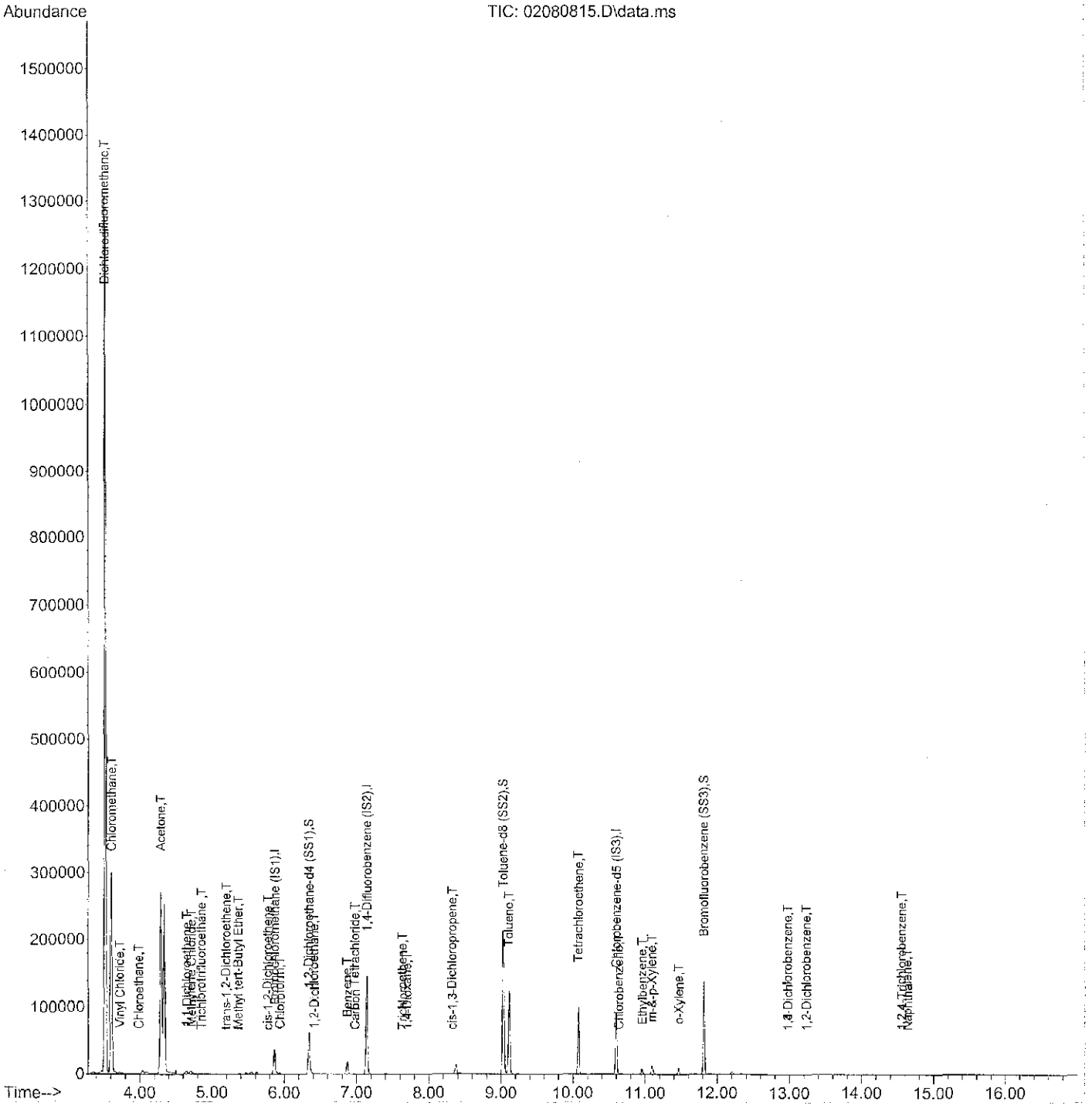
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 2/15/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080815.D
Acq On : 8 Feb 2008 18:34
Operator : LM
Sample : P2800247-007 (1000ml)
Misc : Alaska VS2-CE-12008 (1.1,3.5)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 12 11:07:31 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080815.D
Acq On : 8 Feb 2008 18:34
Operator : LM
Sample : P2800247-007 (1000ml)
Misc : Alaska VS2-CE-12008 (1.1,3.5)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 12 11:07:31 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	37158	1000.00	pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	178812	1000.00	pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	88951	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	67189	959.24	pg		0.00
Spiked Amount 1000.000			Recovery =	95.92%			
26) Toluene-d8 (SS2)	9.02	98	194175	987.94	pg		0.00
Spiked Amount 1000.000			Recovery =	98.79%			
36) Bromofluorobenzene (SS3)	11.81	174	64676	991.19	pg		0.00
Spiked Amount 1000.000			Recovery =	99.12%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.52	85	1224146	12001.95	pg		99
3) Chloromethane	3.61	52	18082	524.25	pg	#	53
4) Vinyl Chloride	3.72	62	3518	39.55	pg	#	44
5) Chloroethane	3.99	64	552	12.32	pg	#	1
6) Acetone	4.29	58	126735	910.85	pg	#	82
7) 1,1-Dichloroethene	4.65	96	1394	30.90	pg		89
8) Methylene Chloride	4.71	84	2111	41.06	pg		96
9) Trichlorotrifluoroethane	4.85	151	140	3.39	pg		100
10) trans-1,2-Dichloroethene	5.19	96	56	1.13	pg	#	78
11) 1,1-Dichloroethane	5.36	63	10	N.D.			
12) Methyl tert-Butyl Ether	5.36	73	151	1.19	pg	#	1
13) cis-1,2-Dichloroethene	5.77	96	58	1.15	pg		90
14) Chloroform	5.94	83	929	12.63	pg		97
16) 1,2-Dichloroethane	6.41	62	67	0.96	pg		69
17) 1,1,1-Trichloroethane	6.57	97	32	N.D.			
18) Benzene	6.87	78	22163	89.46	pg		100
19) Carbon Tetrachloride	6.98	117	153	2.60	pg		95
21) 1,2-Dichloropropane	7.47	63	9	N.D.			
22) Trichloroethene	7.63	130	210	4.03	pg		89
23) 1,4-Dioxane	7.69	88	173	4.37	pg	#	70
24) cis-1,3-Dichloropropene	8.32	75	68	0.85	pg	#	1
25) 1,1,2-Trichloroethane	8.88	83	16	N.D.			
27) Toluene	9.11	91	110560	490.07	pg		100
28) 1,2-Dibromoethane	9.77	107	4	N.D.			
29) Tetrachloroethene	10.07	166	73858	1433.50	pg		100
31) Chlorobenzene	10.64	112	109	0.82	pg		94
32) Ethylbenzene	10.96	91	8031	33.76	pg		98
33) m-&-p-Xylene	11.09	91	13471	84.65	pg		100
34) o-Xylene	11.46	91	7375	44.13	pg		98
35) 1,1,2,2-Tetrachloroethane	11.62	83	19	N.D.			

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Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080815.D
Acq On : 8 Feb 2008 18:34
Operator : LM
Sample : P2800247-007 (1000ml)
Misc : Alaska VS2-CE-12008 (1.1,3.5)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 12 11:07:31 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.98	146	206	1.85	pg	96
38) 1,4-Dichlorobenzene	12.98	146	206	1.89	pg	96
39) 1,2-Dichlorobenzene	13.23	146	66	0.63	pg	99
40) 1,2,4-Trichlorobenzene	14.56	182	160	2.27	pg	93
41) Naphthalene	14.63	128	491	2.90	pg	96
42) Hexachlorobutadiene	14.93	225	18	N.D.		

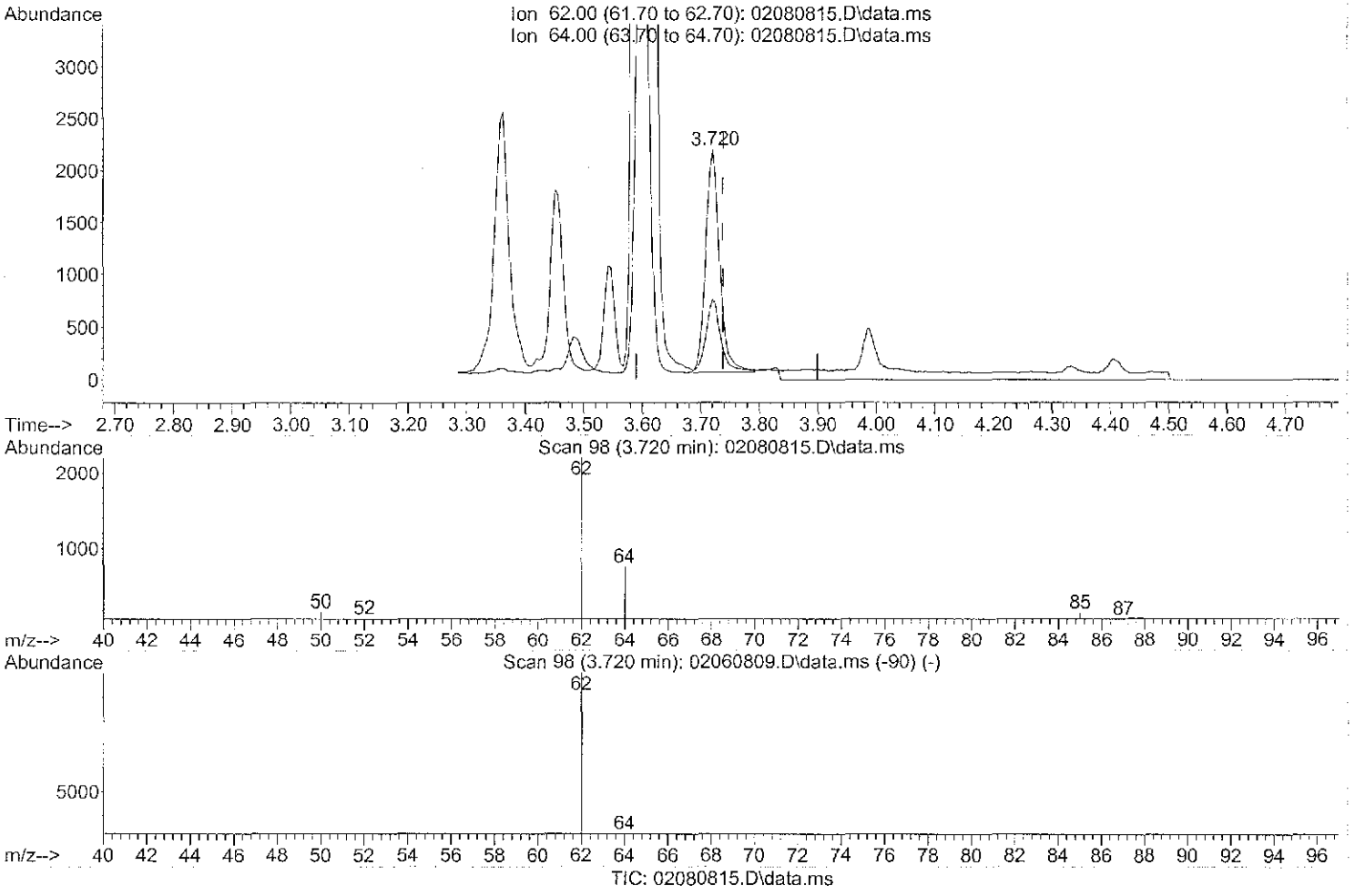
(#) = qualifier out of range (m) = manual integration (+) = signals summed

2/12/08

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080815.D
Acq On : 8 Feb 2008 18:34
Operator : LM
Sample : P2800247-007 (1000ml)
Misc : Alaska VS2-CE-12008 (1.1,3.5)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 12 11:07:31 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



TIC: 02080815.D\data.ms

(4) Vinyl Chloride (T)

3.720min (-0.018) 39.55pg

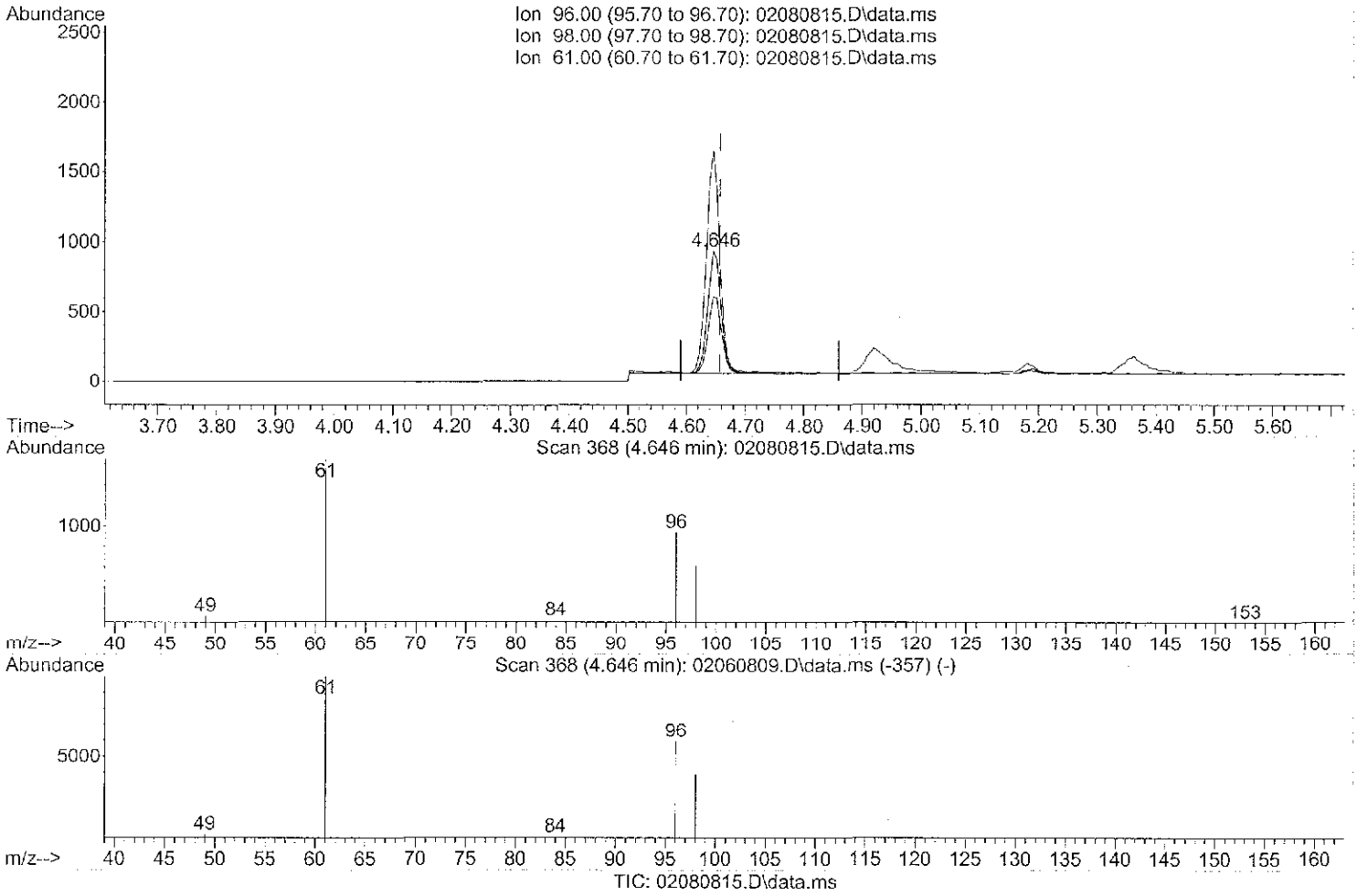
response 3518

Ion	Exp%	Act%
62.00	100	100
64.00	30.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080815.D
Acq On : 8 Feb 2008 18:34
Operator : LM
Sample : P2800247-007 (1000ml)
Misc : Alaska VS2-CE-12008 (1.1,3.5)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 12 11:07:31 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



(7) 1,1-Dichloroethene (T)

4.646min (-0.012) 30.90pg

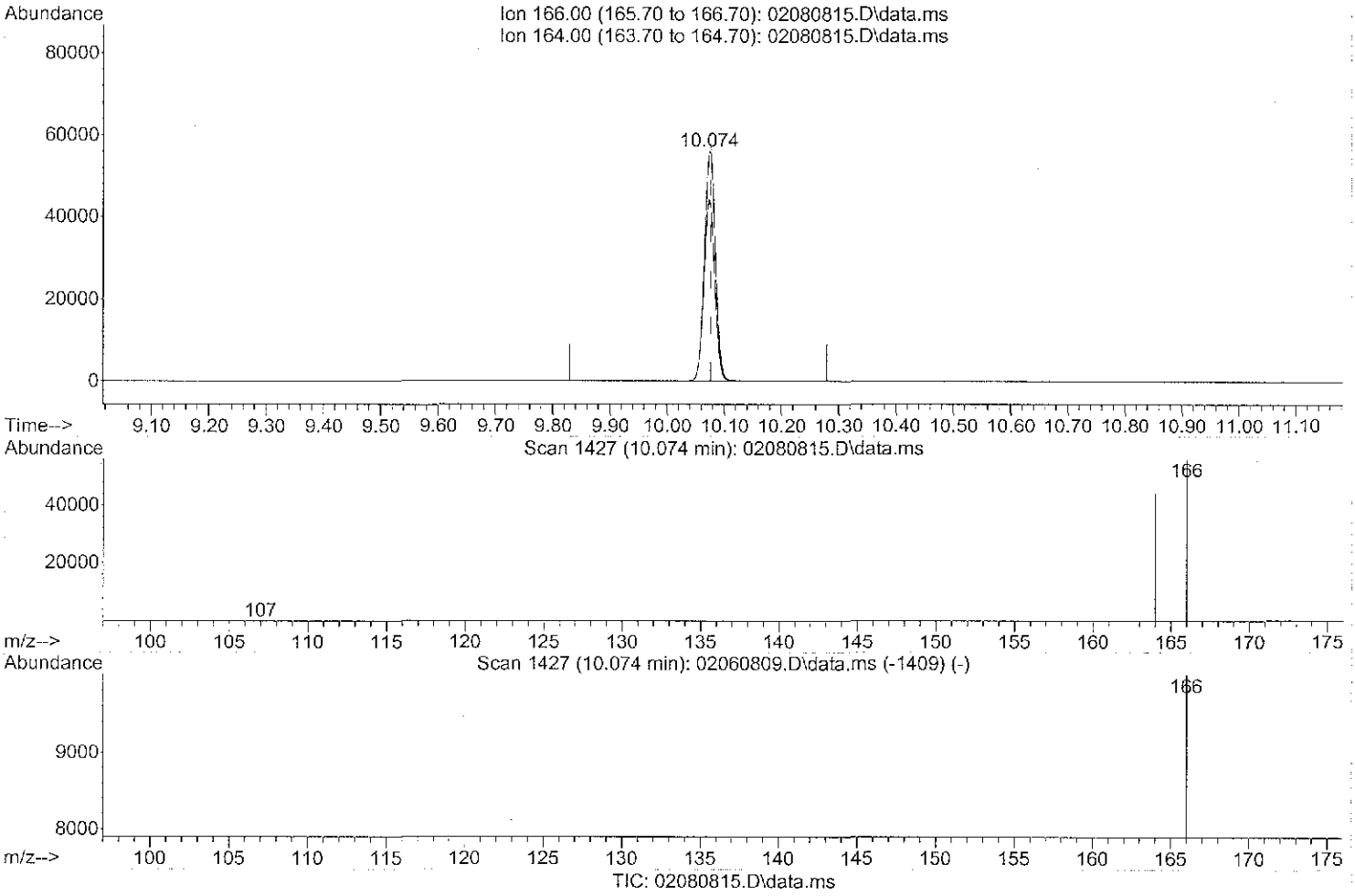
response 1394

Ion	Exp%	Act%
96.00	100	100
98.00	65.70	63.92
61.00	160.40	180.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080815.D
Acq On : 8 Feb 2008 18:34
Operator : LM
Sample : P2800247-007 (1000ml)
Misc : Alaska VS2-CE-12008 (1.1,3.5)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 12 11:07:31 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



(29) Tetrachloroethene (T)

10.074min (-0.003) 1433.50pg

response 73858

Ion	Exp%	Act%
166.00	100	100
164.00	78.40	78.34
0.00	0.00	0.00
0.00	0.00	0.00

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources & Environmental Services LLC**
Client Sample ID: **Method Blank**
Client Project ID: **Bentley Mall**

CAS Project ID: P2800247
CAS Sample ID: P080208-MB

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 2/8/08
Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	0.025	ND	0.0098	
75-35-4	1,1-Dichloroethene	ND	0.025	ND	0.0063	
156-60-5	trans-1,2-Dichloroethene	ND	0.025	ND	0.0063	
156-59-2	cis-1,2-Dichloroethene	ND	0.025	ND	0.0063	
67-66-3	Chloroform	ND	0.10	ND	0.020	
71-55-6	1,1,1-Trichloroethane	ND	0.025	ND	0.0046	
56-23-5	Carbon Tetrachloride	ND	0.025	ND	0.0040	
79-01-6	Trichloroethene	ND	0.025	ND	0.0047	
79-00-5	1,1,2-Trichloroethane	ND	0.025	ND	0.0046	
127-18-4	Tetrachloroethene	ND	0.025	ND	0.0037	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.025	ND	0.0036	

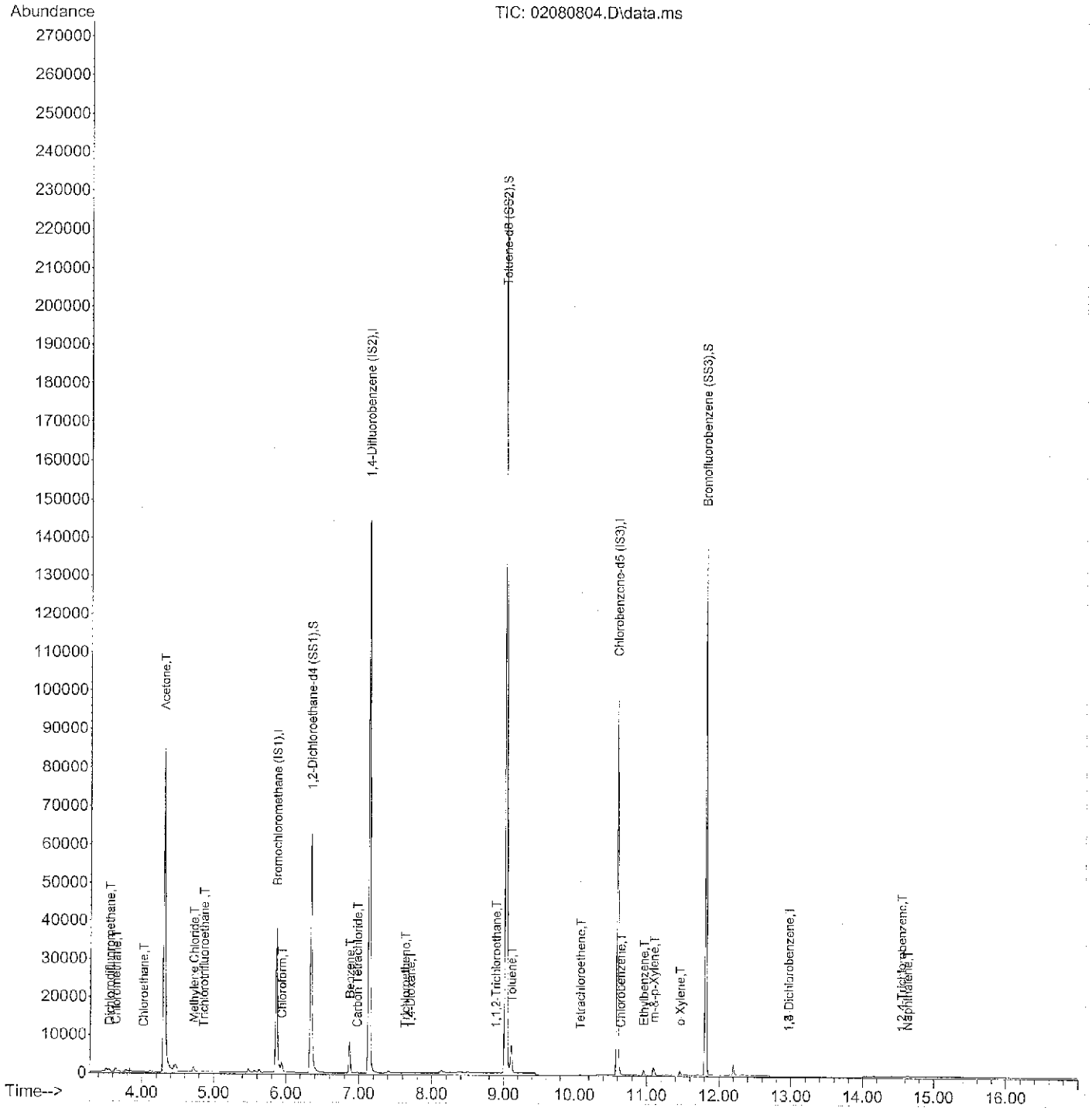
ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 2/15/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080804.D
Acq On : 8 Feb 2008 10:39
Operator : LM
Sample : CAS CAN/FC/AVG QC (1000ml)
Misc : AC00959/FC00618/AVG00680
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:18:35 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080804.D
Acq On : 8 Feb 2008 10:39
Operator : LM
Sample : CAS CAN/FC/AVG QC (1000ml)
Misc : AC00959/FC00618/AVG00680
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:18:35 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.87	130	37608	1000.00	pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	180353	1000.00	pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	90365	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	69205	976.20	pg		0.00
Spiked Amount 1000.000			Recovery =	97.62%			
26) Toluene-d8 (SS2)	9.03	98	196425	990.85	pg		0.00
Spiked Amount 1000.000			Recovery =	99.09%			
36) Bromofluorobenzene (SS3)	11.82	174	64578	974.20	pg		0.00
Spiked Amount 1000.000			Recovery =	97.42%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.55	85	531	5.14	pg		99
3) Chloromethane	3.64	52	385	11.03	pg		90
4) Vinyl Chloride	3.75	62	34	N.D.			
5) Chloroethane	4.02	64	146	3.22	pg		96
6) Acetone	4.31	58	40402	286.90	pg	#	90
7) 1,1-Dichloroethene	4.66	96	16	N.D.			
8) Methylene Chloride	4.72	84	658	12.64	pg		93
9) Trichlorotrifluoroethane	4.86	151	72	1.72	pg		89
10) trans-1,2-Dichloroethene	5.20	96	11	N.D.			
11) 1,1-Dichloroethane	5.26	63	8	N.D.			
12) Methyl tert-Butyl Ether	5.38	73	39	N.D.			
13) cis-1,2-Dichloroethene	5.78	96	6	N.D.			
14) Chloroform	5.94	83	1746	23.45	pg		100
16) 1,2-Dichloroethane	6.41	62	27	N.D.			
17) 1,1,1-Trichloroethane	6.57	97	36	N.D.			
18) Benzene	6.87	78	9395	37.47	pg		100
19) Carbon Tetrachloride	6.98	117	162	2.72	pg		96
21) 1,2-Dichloropropane	7.59	63	3	N.D.			
22) Trichloroethene	7.63	130	85	1.62	pg		90
23) 1,4-Dioxane	7.71	88	96	2.40	pg	#	58
24) cis-1,3-Dichloropropene	8.31	75	5	N.D.			
25) 1,1,2-Trichloroethane	8.89	83	24	0.56	pg	#	32
27) Toluene	9.11	91	5768	25.35	pg		99
28) 1,2-Dibromoethane	9.70	107	4	N.D.			
29) Tetrachloroethene	10.08	166	165	3.18	pg		93
31) Chlorobenzene	10.64	112	70	0.52	pg		97
32) Ethylbenzene	10.96	91	1082	4.48	pg		97
33) m-&-p-Xylene	11.10	91	2323	14.37	pg		97
34) o-Xylene	11.47	91	888	5.23	pg		98
35) 1,1,2,2-Tetrachloroethane	11.37	83	10	N.D.			

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Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060806.D
Acq On : 6 Feb 2008 11:28
Operator : LM
Sample : 25pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290801
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:34:54 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:33:35 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	37606	1000.000	pg		-0.01
20) 1,4-Difluorobenzene (IS2)	7.14	114	178434	1000.000	pg		-0.01
30) Chlorobenzene-d5 (IS3)	10.60	82	89972	1000.000	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	71580	1009.752	pg		-0.01
Spiked Amount 1000.000			Recovery = 100.97%				
26) Toluene-d8 (SS2)	9.03	98	196430	1001.527	pg		0.00
Spiked Amount 1000.000			Recovery = 100.15%				
36) Bromofluorobenzene (SS3)	11.81	174	65566	993.422	pg		0.00
Spiked Amount 1000.000			Recovery = 99.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.55	85	2741	26.554	pg		98
3) Chloromethane	3.63	52	965	27.645	pg		95
4) Vinyl Chloride	3.74	62	2308m	25.603	pg		
5) Chloroethane	4.01	64	1179	26.008	pg		97
6) Acetone	4.31	58	18432	278.361	pg	#	77
7) 1,1-Dichloroethene	4.66	96	1249	27.355	pg	#	88
8) Methylene Chloride	4.72	84	3512	67.495	pg		96
9) Trichlorotrifluoroethane	4.85	151	1274	30.460	pg		98
10) trans-1,2-Dichloroethene	5.20	96	1338	26.599	pg		94
11) 1,1-Dichloroethane	5.31	63	2335	25.966	pg		100
12) Methyl tert-Butyl Ether	5.36	73	3486	27.087	pg		99
13) cis-1,2-Dichloroethene	5.77	96	1366	26.652	pg		96
14) Chloroform	5.94	83	2834	38.057	pg		98
16) 1,2-Dichloroethane	6.41	62	1963	27.803	pg		98
17) 1,1,1-Trichloroethane	6.57	97	1959	26.280	pg		100
18) Benzene	6.87	78	15477	61.729	pg		99
19) Carbon Tetrachloride	6.98	117	1362	22.895	pg		97
21) 1,2-Dichloropropane	7.47	63	1496	26.722	pg		96
22) Trichloroethene	7.64	130	1503	28.936	pg		97
23) 1,4-Dioxane	7.68	88	1338	33.678	pg	#	73
24) cis-1,3-Dichloropropene	8.32	75	2004	25.171	pg		96
25) 1,1,2-Trichloroethane	8.88	83	1200	28.334	pg		94
27) Toluene	9.11	91	6560	29.139	pg		100
28) 1,2-Dibromoethane	9.67	107	1442	27.495	pg		99
29) Tetrachloroethene	10.08	166	1357	26.394	pg		100
31) Chlorobenzene	10.64	112	3635	26.924	pg		97
32) Ethylbenzene	10.96	91	6352	26.395	pg		99
33) m-&-p-Xylene	11.11	91	9819	60.998	pg		98
34) o-Xylene	11.46	91	4917	29.090	pg		98
35) 1,1,2,2-Tetrachloroethane	11.46	83	2128	29.629	pg		96

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060806.D
Acq On : 6 Feb 2008 11:28
Operator : LM
Sample : 25pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290801
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:34:54 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:33:35 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	2965	26.262	pg	99
38) 1,4-Dichlorobenzene	12.97	146	3019	27.426	pg	99
39) 1,2-Dichlorobenzene	13.23	146	2879	27.367	pg	96
40) 1,2,4-Trichlorobenzene	14.55	182	2625	36.828	pg	99
41) Naphthalene	14.63	128	5706	33.321	pg	98
42) Hexachlorobutadiene	14.93	225	1388	34.808	pg	100

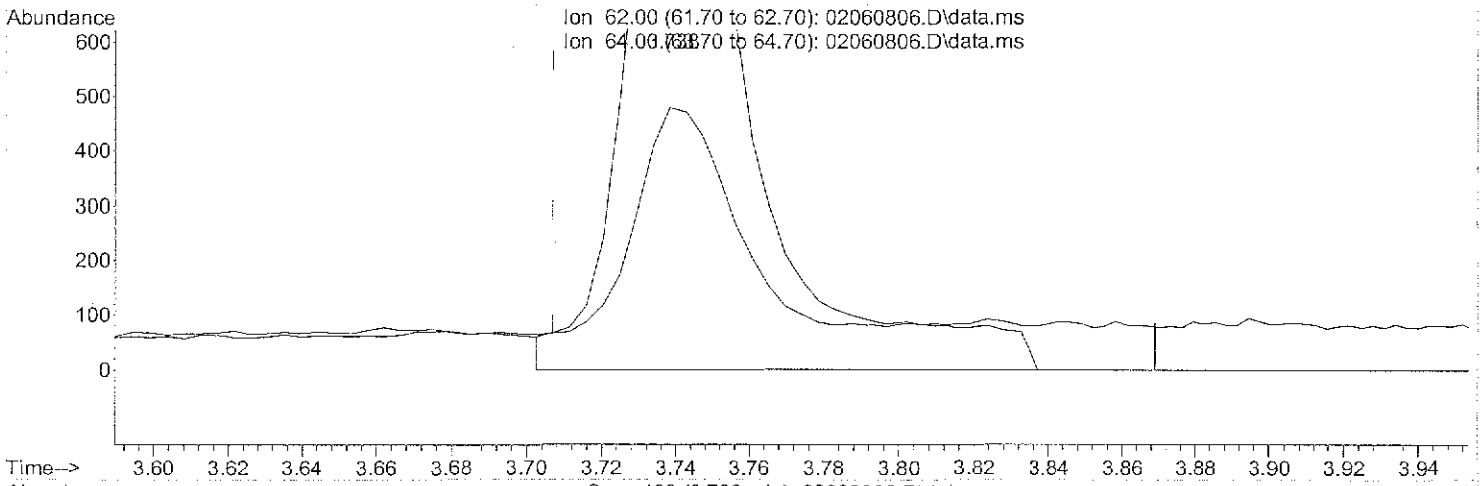
(#) = qualifier out of range (m) = manual integration (+) = signals summed

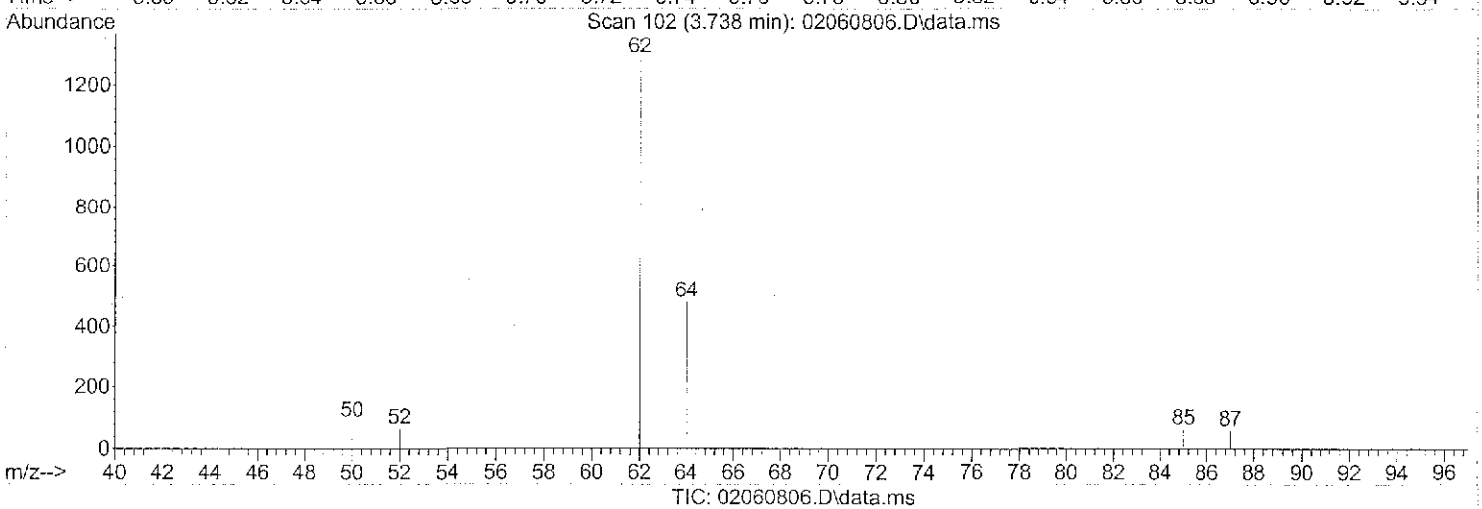
2/7/08

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060806.D
Acq On : 6 Feb 2008 11:28
Operator : LM
Sample : 25pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290801
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:33:56 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:33:35 2008
Response via : Initial Calibration





TIC: 02060806.D\data.ms

(4) Vinyl Chloride (T)

3.738min (+0.031) 31.05pg

response 2799

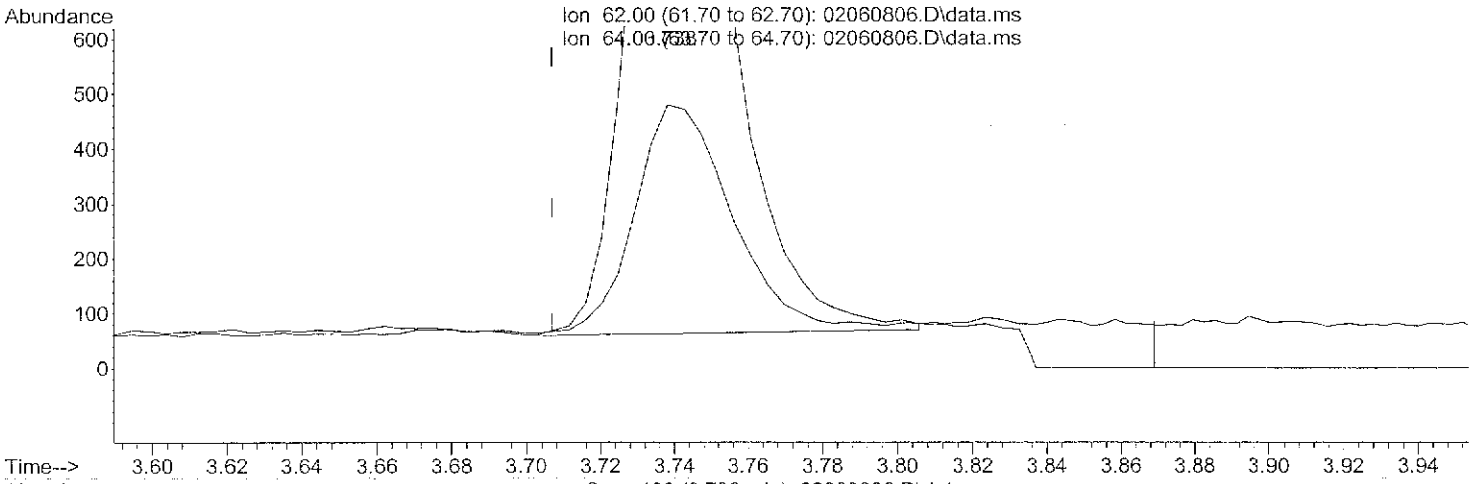
Ion	Exp%	Act%
62.00	100	100
64.00	30.70	27.37
0.00	0.00	0.00
0.00	0.00	0.00

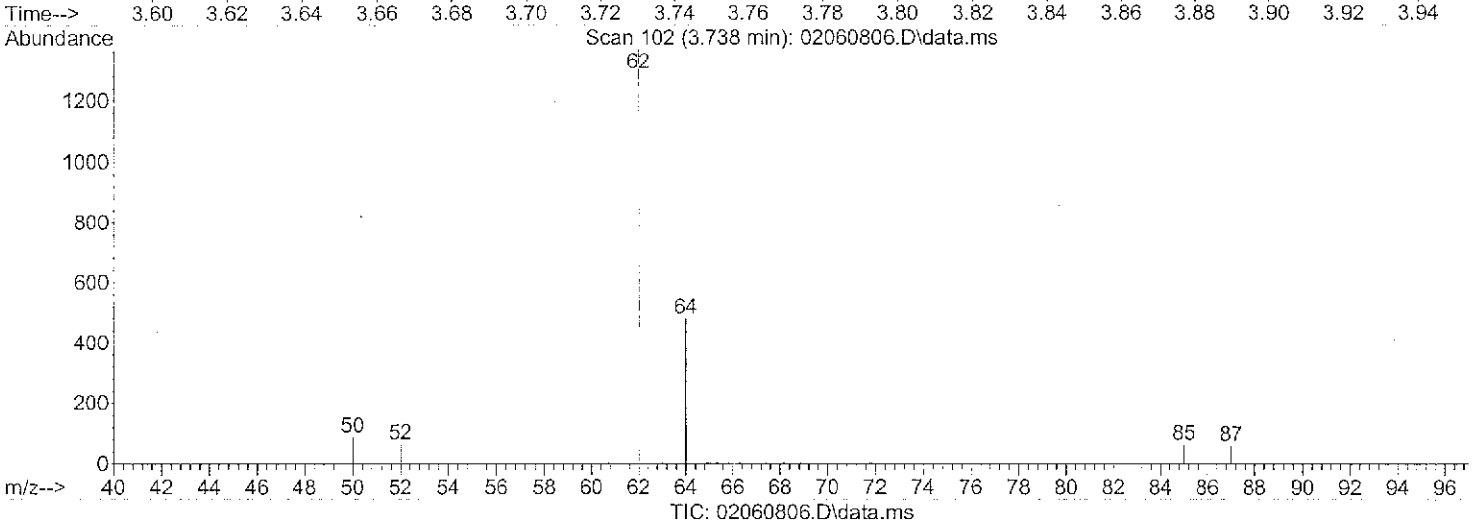
Base line overtailing and adding extra area
on 2/7/08

Quantitation Report (Qedit)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060806.D
Acq On : 6 Feb 2008 11:28
Operator : LM
Sample : 25pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290801
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:33:56 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:33:35 2008
Response via : Initial Calibration





TIC: 02060806.D\data.ms

(4) Vinyl Chloride (T)

3.738min (+0.031) 25.60pg m

response 2308

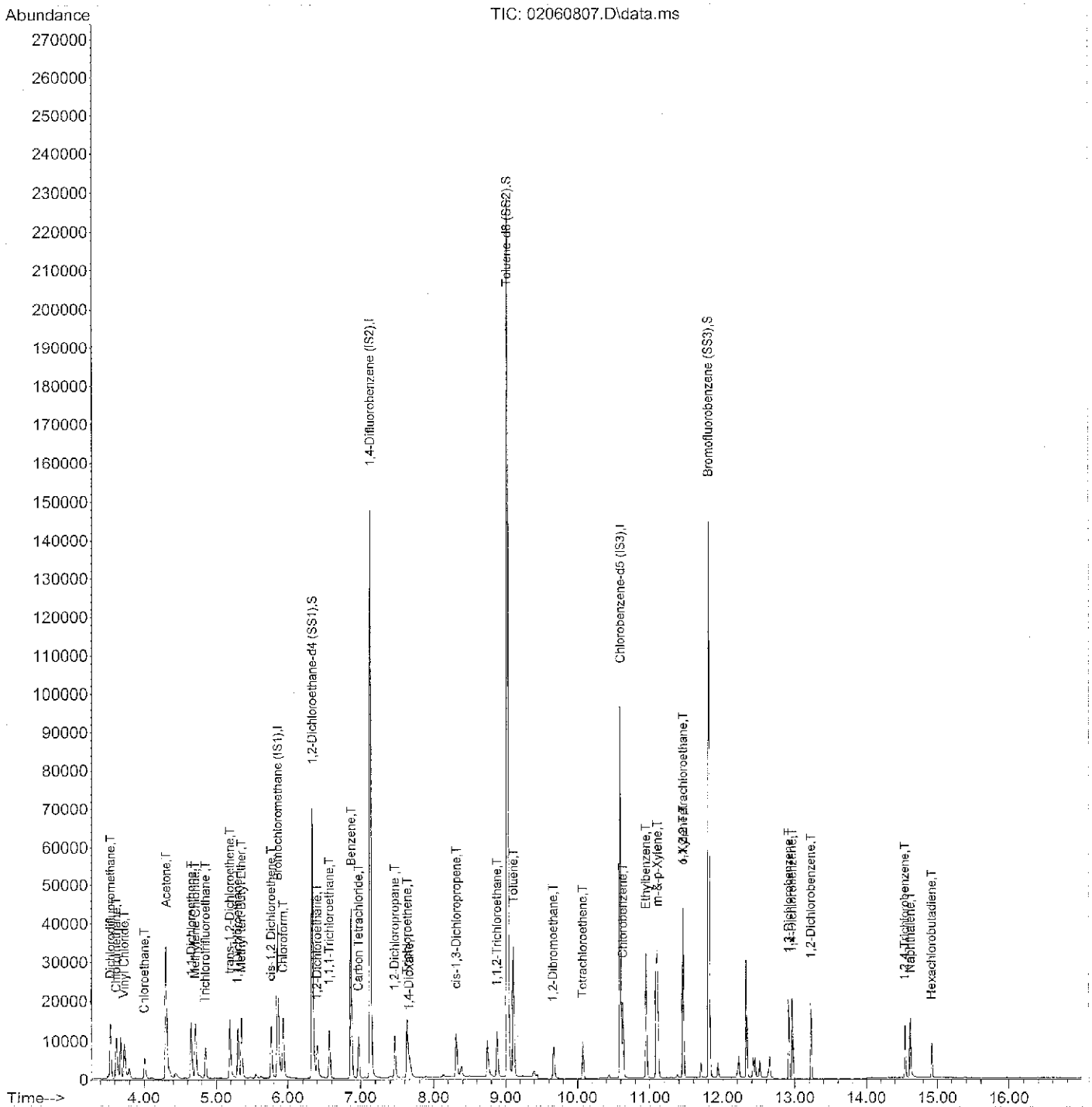
Ion	Exp%	Act%
62.00	100	100
64.00	30.70	33.19
0.00	0.00	0.00
0.00	0.00	0.00

Remove tailing by changing Base Line
LM 2/7/08
2/7/08

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060807.D
Acq On : 6 Feb 2008 11:56
Operator : LM
Sample : 100pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:26:11 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Feb 06 18:11:00 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060807.D
Acq On : 6 Feb 2008 11:56
Operator : LM
Sample : 100pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:26:11 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Feb 06 18:11:00 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	38114	1000.000	pg		-0.01
20) 1,4-Difluorobenzene (IS2)	7.14	114	177587	1000.000	pg		-0.01
30) Chlorobenzene-d5 (IS3)	10.60	82	90349	1000.000	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	74307	1034.226	pg		-0.01
Spiked Amount 1000.000			Recovery = 103.42%				
26) Toluene-d8 (SS2)	9.03	98	196215	1005.202	pg		0.00
Spiked Amount 1000.000			Recovery = 100.52%				
36) Bromofluorobenzene (SS3)	11.81	174	66313	1000.548	pg		0.00
Spiked Amount 1000.000			Recovery = 100.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.55	85	13899	132.853	pg		99
3) Chloromethane	3.63	52	4470	126.161	pg		94
4) Vinyl Chloride	3.73	62	12288	134.496	pg		100
5) Chloroethane	4.01	64	5981	130.181	pg		97
6) Acetone	4.31	58	14991	223.378	pg	#	83
7) 1,1-Dichloroethene	4.66	96	6501	140.494	pg		89
8) Methylene Chloride	4.72	84	7310	138.613	pg		92
9) Trichlorotrifluoroethane	4.85	151	5912	139.466	pg		98
10) trans-1,2-Dichloroethene	5.19	96	6749	132.379	pg		99
11) 1,1-Dichloroethane	5.30	63	12766	140.071	pg		99
12) Methyl tert-Butyl Ether	5.35	73	17967	137.857	pg		99
13) cis-1,2-Dichloroethene	5.77	96	6990	134.562	pg		97
14) Chloroform	5.94	83	12762	169.094	pg		97
16) 1,2-Dichloroethane	6.41	62	9513	132.930	pg		99
17) 1,1,1-Trichloroethane	6.57	97	10034	132.823	pg		99
18) Benzene	6.87	78	50882	200.236	pg		100
19) Carbon Tetrachloride	6.98	117	7784	129.106	pg		100
21) 1,2-Dichloropropane	7.47	63	7412	133.028	pg		96
22) Trichloroethene	7.64	130	7504	145.157	pg		100
23) 1,4-Dioxane	7.66	88	5177	130.927	pg	#	66
24) cis-1,3-Dichloropropene	8.32	75	9925	125.256	pg		98
25) 1,1,2-Trichloroethane	8.88	83	5538	131.385	pg		97
27) Toluene	9.11	91	28534	127.352	pg		100
28) 1,2-Dibromoethane	9.67	107	6782	129.931	pg		99
29) Tetrachloroethene	10.08	166	6870	134.258	pg		99
31) Chlorobenzene	10.64	112	18101	133.510	pg		99
32) Ethylbenzene	10.95	91	29816	123.381	pg		98
33) m-&-p-Xylene	11.11	91	47005	290.787	pg	#	65
34) o-Xylene	11.46	91	23495	138.423	pg		98
35) 1,1,2,2-Tetrachloroethane	11.46	83	9849	136.559	pg		96

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060807.D
Acq On : 6 Feb 2008 11:56
Operator : LM
Sample : 100pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:26:11 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Feb 06 18:11:00 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	13750	121.278	pg	100
38) 1,4-Dichlorobenzene	12.97	146	13786	124.717	pg	99
39) 1,2-Dichlorobenzene	13.23	146	12856	121.695	pg	96
40) 1,2,4-Trichlorobenzene	14.55	182	9322	130.238	pg	98
41) Naphthalene	14.63	128	17938	104.313	pg	99
42) Hexachlorobutadiene	14.93	225	5201	129.885	pg	99

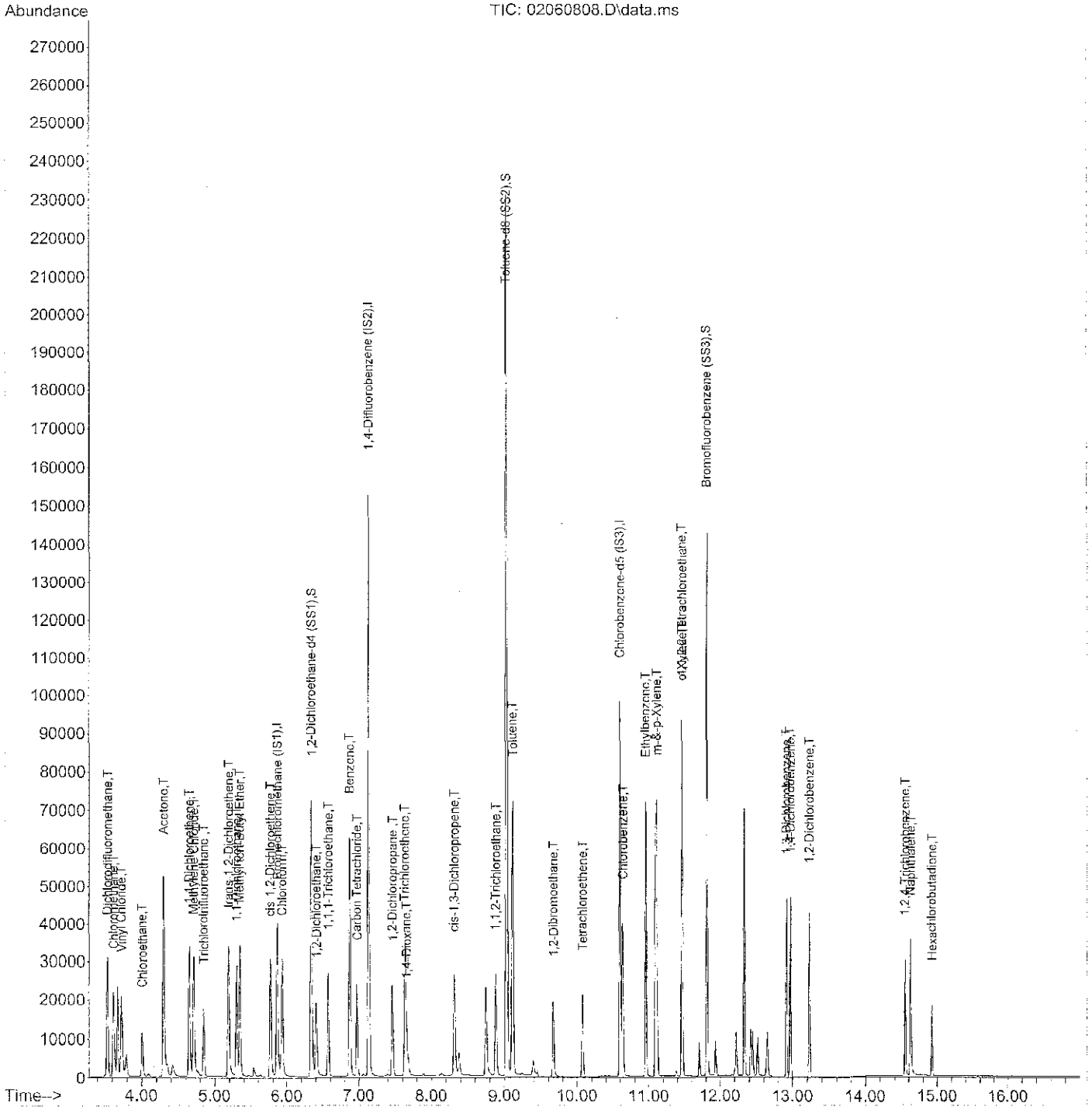
(#) = qualifier out of range (m) = manual integration (+) = signals summed

2/7/08

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060808.D
Acq On : 6 Feb 2008 12:25
Operator : LM
Sample : 250pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:27:56 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:27:28 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060808.D
Acq On : 6 Feb 2008 12:25
Operator : LM
Sample : 250pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:27:56 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:27:28 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	37960	1000.000	pg		-0.01
20) 1,4-Difluorobenzene (IS2)	7.14	114	183376	1000.000	pg		-0.01
30) Chlorobenzene-d5 (IS3)	10.60	82	89580	1000.000	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	74181	1036.661	pg		-0.01
Spiked Amount 1000.000			Recovery = 103.67%				
26) Toluene-d8 (SS2)	9.03	98	200927	996.846	pg		0.00
Spiked Amount 1000.000			Recovery = 99.69%				
36) Bromofluorobenzene (SS3)	11.82	174	65958	1003.735	pg		0.00
Spiked Amount 1000.000			Recovery = 100.37%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.54	85	29301	281.208	pg		99
3) Chloromethane	3.62	52	8962	254.079	pg		95
4) Vinyl Chloride	3.73	62	25716	282.611	pg		100
5) Chloroethane	4.01	64	12935	282.682	pg		98
6) Acetone	4.30	58	21809	326.290	pg	#	86
7) 1,1-Dichloroethene	4.65	96	14067	305.238	pg	#	88
8) Methylene Chloride	4.71	84	15788	300.589	pg		92
9) Trichlorotrifluoroethane	4.85	151	12818	303.609	pg		97
10) trans-1,2-Dichloroethene	5.19	96	14855	292.557	pg		99
11) 1,1-Dichloroethane	5.30	63	27375	301.582	pg		99
12) Methyl tert-Butyl Ether	5.34	73	38041	292.955	pg		99
13) cis-1,2-Dichloroethene	5.77	96	15514	299.867	pg		98
14) Chloroform	5.94	83	26420	351.480	pg		97
16) 1,2-Dichloroethane	6.41	62	21055	295.422	pg		99
17) 1,1,1-Trichloroethane	6.57	97	21991	292.274	pg		99
18) Benzene	6.87	78	72908	288.079	pg		100
19) Carbon Tetrachloride	6.97	117	16888	281.242	pg		99
21) 1,2-Dichloropropane	7.47	63	16695	290.177	pg		98
22) Trichloroethene	7.63	130	16059	300.838	pg		98
23) 1,4-Dioxane	7.66	88	11039	270.364	pg	#	66
24) cis-1,3-Dichloropropene	8.31	75	22010	269.003	pg		98
25) 1,1,2-Trichloroethane	8.88	83	12217	280.690	pg		97
27) Toluene	9.11	91	62622	270.670	pg		100
28) 1,2-Dibromoethane	9.67	107	15056	279.341	pg		99
29) Tetrachloroethene	10.08	166	15327	290.075	pg		100
31) Chlorobenzene	10.64	112	38947	289.733	pg		99
32) Ethylbenzene	10.96	91	65548	273.571	pg		99
33) m-&-p-Xylene	11.11	91	103890	648.213	pg		98
34) o-Xylene	11.47	91	52019	309.107	pg		98
35) 1,1,2,2-Tetrachloroethane	11.46	83	22556	315.431	pg		96

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060808.D
Acq On : 6 Feb 2008 12:25
Operator : LM
Sample : 250pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:27:56 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:27:28 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	30551	271.780	pg	99
38) 1,4-Dichlorobenzene	12.97	146	30821	281.219	pg	99
39) 1,2-Dichlorobenzene	13.23	146	28656	273.585	pg	96
40) 1,2,4-Trichlorobenzene	14.55	182	20191	284.511	pg	99
41) Naphthalene	14.63	128	39680	232.729	pg	99
42) Hexachlorobutadiene	14.93	225	10630	267.743	pg	99

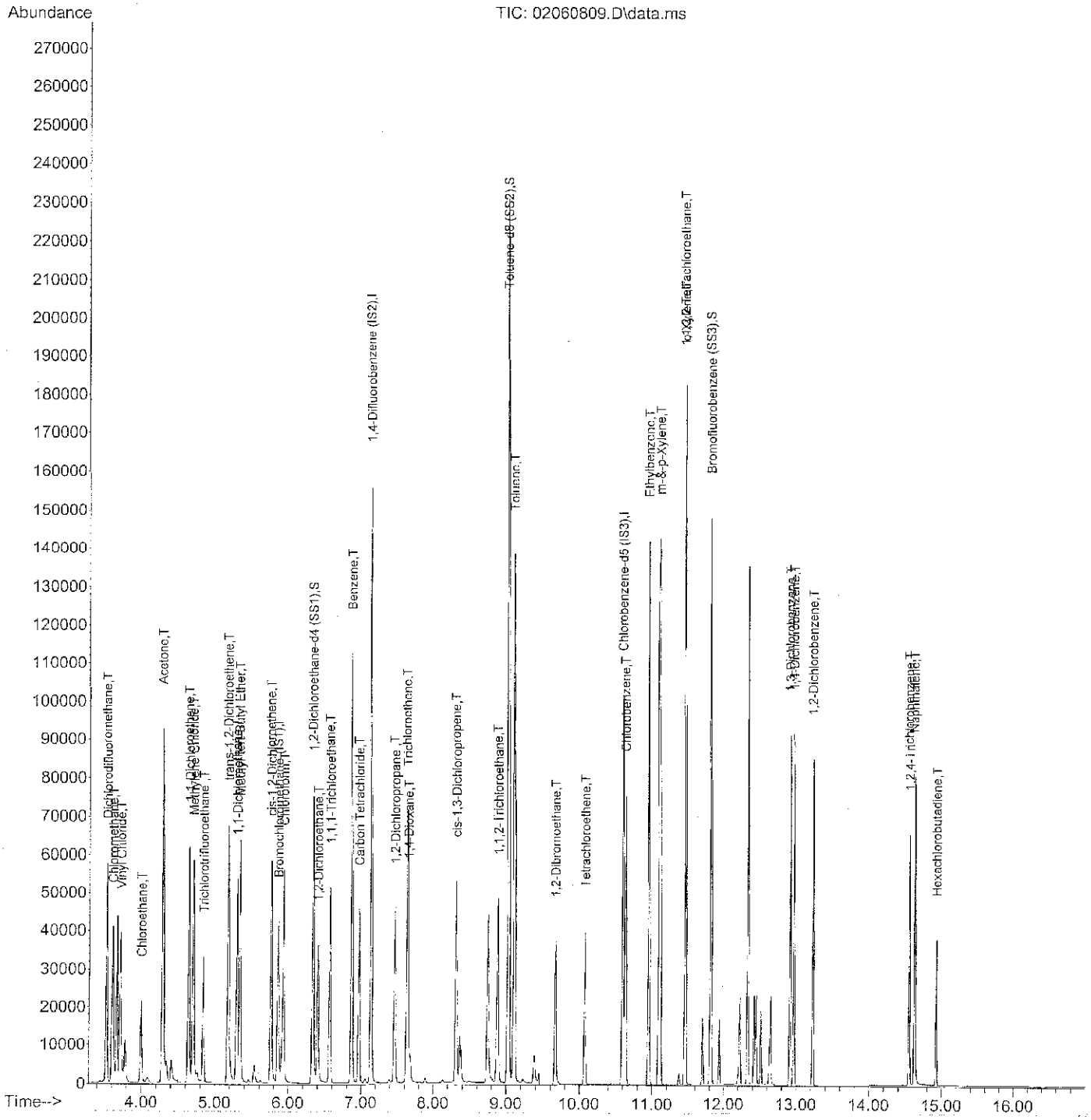
(#) = qualifier out of range (m) = manual integration (+) = signals summed

LM 2/7/08

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060809.D
Acq On : 6 Feb 2008 12:54
Operator : LM
Sample : 500pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 06 15:41:44 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Feb 06 15:41:29 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060809.D
Acq On : 6 Feb 2008 12:54
Operator : LM
Sample : 500pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 06 15:41:44 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Feb 06 15:41:29 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	38685	1000.000	pg	0.00
20) 1,4-Difluorobenzene (IS2)	7.13	114	184083	1000.000	pg	0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	91278	1000.000	pg	0.00
System Monitoring Compounds						
15) 1,2-Dichloroethane-d4 ...	6.34	65	74866	1040.198	pg	0.00
Spiked Amount 1000.000			Recovery = 104.02%			
26) Toluene-d8 (SS2)	9.02	98	202443	1032.835	pg	0.00
Spiked Amount 1000.000			Recovery = 103.28%			
36) Bromofluorobenzene (SS3)	11.81	174	67157	1025.679	pg	0.00
Spiked Amount 1000.000			Recovery = 102.57%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.53	85	54656	443.757	pg	99
3) Chloromethane	3.61	52	16791	403.827	pg	95
4) Vinyl Chloride	3.72	62	47953	438.567	pg	99
5) Chloroethane	4.00	64	24368	452.395	pg	100
6) Acetone	4.29	58	36595	140.780	pg	90
7) 1,1-Dichloroethene	4.65	96	26751	483.339	pg	89
8) Methylene Chloride	4.71	84	29938	371.592	pg	94
9) Trichlorotrifluoroethane	4.84	151	24136	482.474	pg	98
10) trans-1,2-Dichloroethene	5.18	96	28625	469.105	pg	98
11) 1,1-Dichloroethane	5.30	63	52054	473.382	pg	99
12) Methyl tert-Butyl Ether	5.33	73	72213	457.112	pg	99
13) cis-1,2-Dichloroethene	5.76	96	29537	473.135	pg	98
14) Chloroform	5.94	83	48921	486.680	pg	97
16) 1,2-Dichloroethane	6.40	62	40319	467.938	pg	99
17) 1,1,1-Trichloroethane	6.57	97	42264	471.248	pg	99
18) Benzene	6.87	78	131450	309.830	pg	100
19) Carbon Tetrachloride	6.97	117	32805	466.031	pg	99
21) 1,2-Dichloropropane	7.46	63	31359	461.474	pg	97
22) Trichloroethene	7.63	130	29858	478.741	pg	98
23) 1,4-Dioxane	7.65	88	20950	424.663	pg	93
24) cis-1,3-Dichloropropene	8.31	75	42295	437.101	pg	98
25) 1,1,2-Trichloroethane	8.88	83	23233	454.843	pg	98
27) Toluene	9.11	91	118624	439.577	pg	100
28) 1,2-Dibromoethane	9.67	107	28959	456.047	pg	100
29) Tetrachloroethene	10.07	166	29110	471.604	pg	100
31) Chlorobenzene	10.63	112	74239	449.974	pg	99
32) Ethylbenzene	10.95	91	126834	431.983	pg	98
33) m-&-p-Xylene	11.11	91	203235	1034.061	pg	98
34) o-Xylene	11.46	91	101930	493.356	pg	98
35) 1,1,2,2-Tetrachloroethane	11.46	83	44104	496.656	pg	96

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060809.D
Acq On : 6 Feb 2008 12:54
Operator : LM
Sample : 500pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 06 15:41:44 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Feb 06 15:41:29 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	58405	416.277	pg	100
38) 1,4-Dichlorobenzene	12.97	146	59138	431.044	pg	99
39) 1,2-Dichlorobenzene	13.23	146	55403	421.904	pg	97
40) 1,2,4-Trichlorobenzene	14.55	182	41649	323.353	pg	99
41) Naphthalene	14.62	128	82835	240.585	pg	99
42) Hexachlorobutadiene	14.93	225	22035	271.862	pg	98

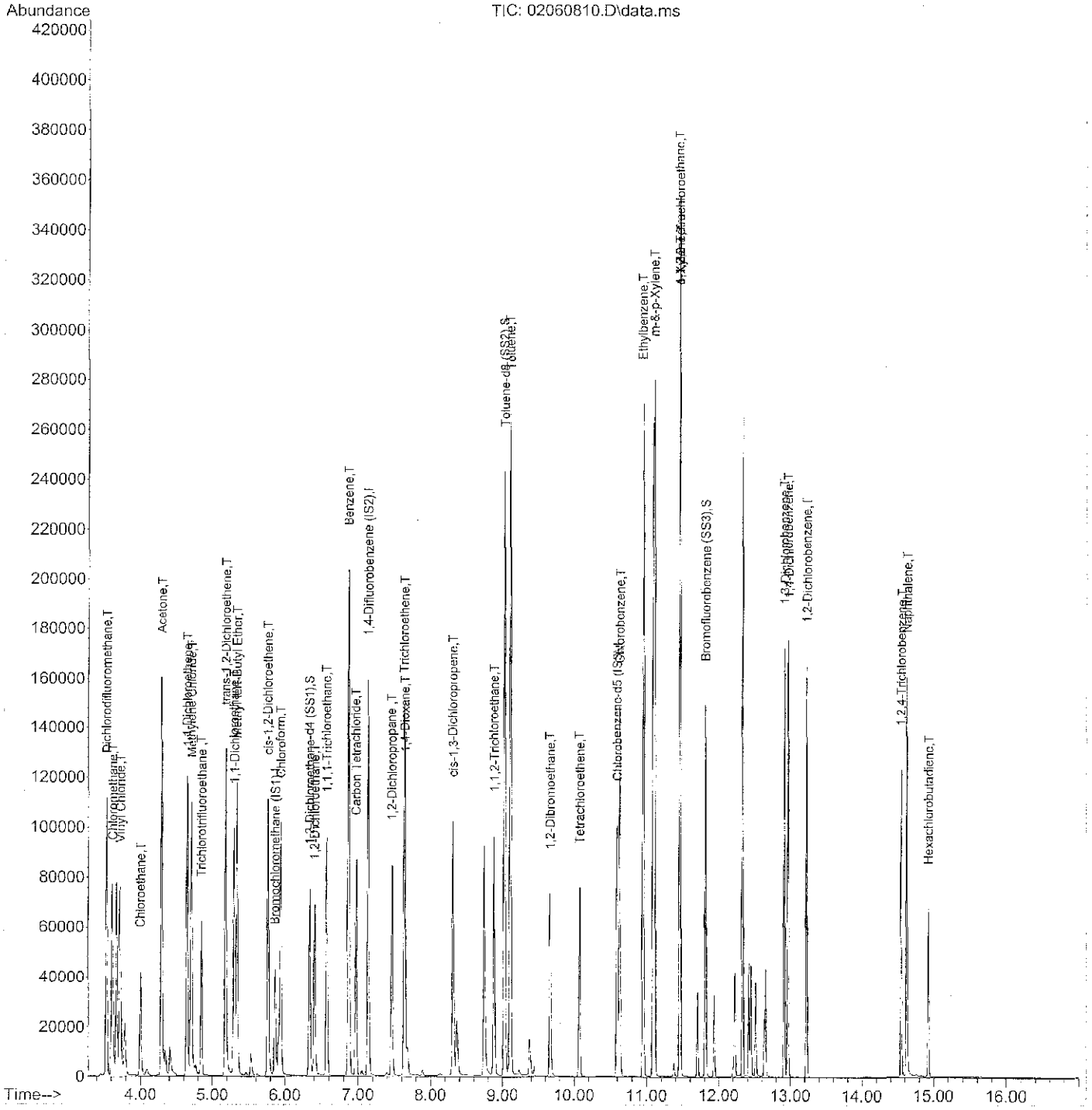
(#) = qualifier out of range (m) = manual integration (+) = signals summed

LM 2/7/08

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060810.D
Acq On : 6 Feb 2008 13:22
Operator : LM
Sample : 1000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:31:35 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:31:18 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060810.D
Acq On : 6 Feb 2008 13:22
Operator : LM
Sample : 1000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:31:35 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:31:18 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	38545	1000.000 pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	187031	1000.000 pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	92060	1000.000 pg		0.00
System Monitoring Compounds						
15) 1,2-Dichloroethane-d4 ...	6.34	65	73938	1017.606 pg		0.00
Spiked Amount 1000.000			Recovery = 101.76%			
26) Toluene-d8 (SS2)	9.03	98	204743	995.928 pg		0.00
Spiked Amount 1000.000			Recovery = 99.59%			
36) Bromofluorobenzene (SS3)	11.82	174	67330	997.012 pg		0.00
Spiked Amount 1000.000			Recovery = 99.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.54	85	103950	982.488 pg		99
3) Chloromethane	3.62	52	32035	895.284 pg		95
4) Vinyl Chloride	3.73	62	91655	991.973 pg		100
5) Chloroethane	4.00	64	46707	1005.244 pg		100
6) Acetone	4.29	58	61426	905.061 pg		93
7) 1,1-Dichloroethene	4.65	96	50549	1080.141 pg	#	88
8) Methylene Chloride	4.71	84	56751	1064.088 pg		94
9) Trichlorotrifluoroethane	4.85	151	45588	1063.414 pg		97
10) trans-1,2-Dichloroethene	5.19	96	53888	1045.172 pg		99
11) 1,1-Dichloroethane	5.30	63	96456	1046.482 pg		99
12) Methyl tert-Butyl Ether	5.34	73	130648	990.445 pg		99
13) cis-1,2-Dichloroethene	5.77	96	55572	1057.837 pg		98
14) Chloroform	5.94	83	89885	1177.642 pg		97
16) 1,2-Dichloroethane	6.41	62	77074	1065.066 pg		99
17) 1,1,1-Trichloroethane	6.57	97	79928	1046.108 pg		99
18) Benzene	6.87	78	236738	921.217 pg		100
19) Carbon Tetrachloride	6.97	117	62594	1026.582 pg		100
21) 1,2-Dichloropropane	7.46	63	60303	1027.646 pg		97
22) Trichloroethene	7.63	130	56687	1041.183 pg		99
23) 1,4-Dioxane	7.65	88	40471	971.833 pg		95
24) cis-1,3-Dichloropropene	8.31	75	82048	983.183 pg		98
25) 1,1,2-Trichloroethane	8.88	83	44614	1004.991 pg		98
27) Toluene	9.11	91	225658	956.297 pg		100
28) 1,2-Dibromoethane	9.67	107	56136	1021.163 pg		100
29) Tetrachloroethene	10.08	166	55257	1025.344 pg		100
31) Chlorobenzene	10.64	112	141942	1027.485 pg		99
32) Ethylbenzene	10.96	91	246511	1001.122 pg		99
33) m-&-p-Xylene	11.11	91	396534	2407.490 pg	#	65
34) o-Xylene	11.47	91	197351	1141.106 pg		98
35) 1,1,2,2-Tetrachloroethane	11.46	83	87158	1186.013 pg		96

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060810.D
Acq On : 6 Feb 2008 13:22
Operator : LM
Sample : 1000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:31:35 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:31:18 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	112237	971.557 pg	100
38) 1,4-Dichlorobenzene	12.97	146	114086	1012.910 pg	99
39) 1,2-Dichlorobenzene	13.23	146	105857	983.416 pg	97
40) 1,2,4-Trichlorobenzene	14.55	182	77840	1067.295 pg	99
41) Naphthalene	14.62	128	158077	902.167 pg	99
42) Hexachlorobutadiene	14.93	225	40695	997.393 pg	99

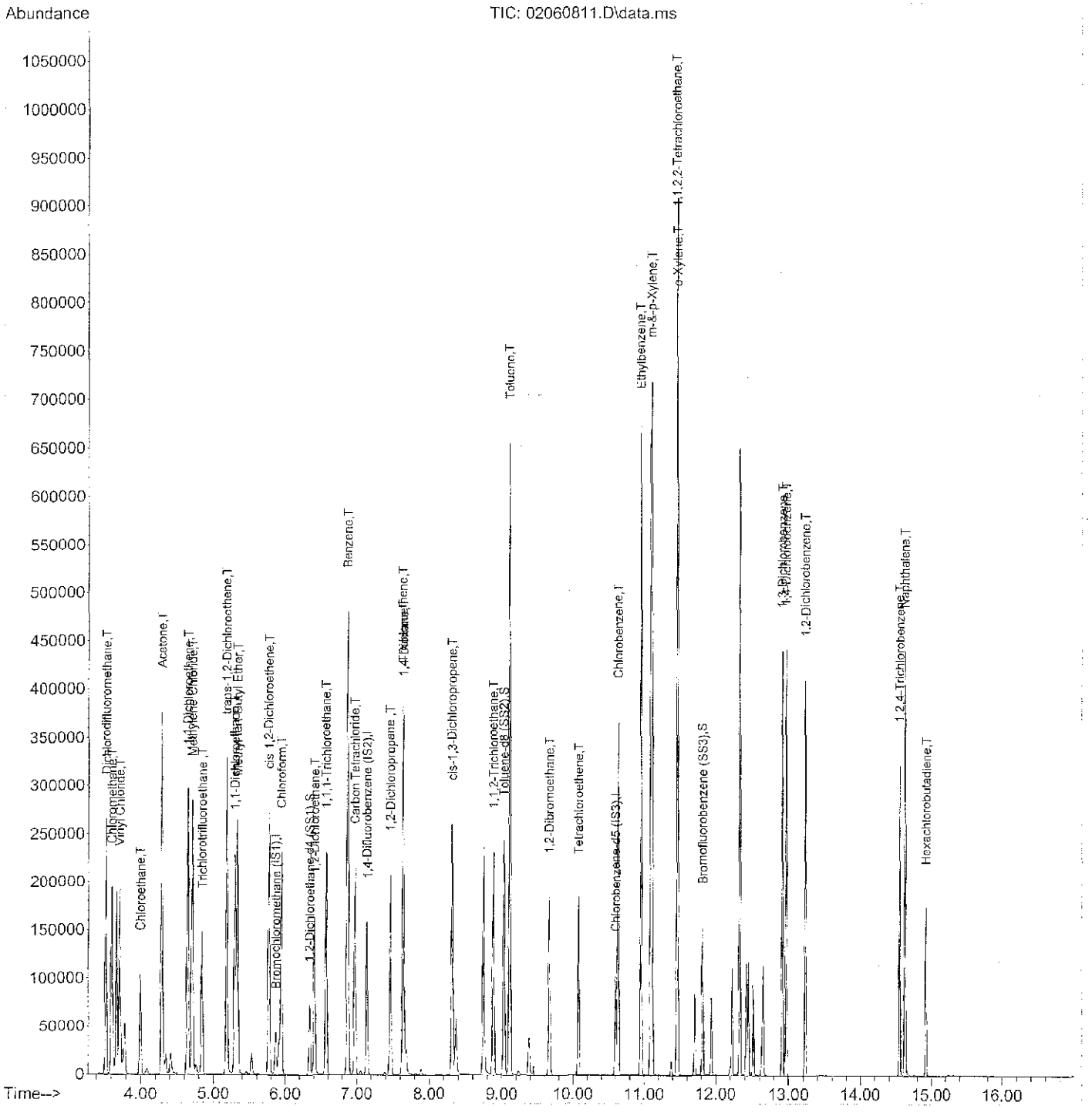
(#) = qualifier out of range (m) = manual integration (+) = signals summed

2/7/08

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060811.D
Acq On : 6 Feb 2008 13:50
Operator : LM
Sample : 2500pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:32:09 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:31:57 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060811.D
Acq On : 6 Feb 2008 13:50
Operator : LM
Sample : 2500pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:32:09 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:31:57 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	39004	1000.000 pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	187784	1000.000 pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	91921	1000.000 pg		0.00
System Monitoring Compounds						
15) 1,2-Dichloroethane-d4 ...	6.34	65	70815	963.155 pg		0.00
Spiked Amount 1000.000			Recovery =	96.31%		
26) Toluene-d8 (SS2)	9.03	98	203762	987.182 pg		0.00
Spiked Amount 1000.000			Recovery =	98.72%		
36) Bromofluorobenzene (SS3)	11.81	174	68391	1014.254 pg		0.00
Spiked Amount 1000.000			Recovery =	101.43%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.53	85	249516	2330.559 pg		99
3) Chloromethane	3.61	52	77393	2137.667 pg		95
4) Vinyl Chloride	3.72	62	220606	2359.500 pg		98
5) Chloroethane	3.99	64	113485	2413.720 pg		100
6) Acetone	4.29	58	144459	2103.435 pg		94
7) 1,1-Dichloroethene	4.65	96	125220	2644.238 pg	#	88
8) Methylene Chloride	4.71	84	140118	2596.313 pg		95
9) Trichlorotrifluoroethane	4.84	151	110472	2546.613 pg		98
10) trans-1,2-Dichloroethene	5.18	96	133681	2562.266 pg		98
11) 1,1-Dichloroethane	5.30	63	238545	2557.596 pg		99
12) Methyl tert-Butyl Ether	5.33	73	301156	2256.203 pg		100
13) cis-1,2-Dichloroethene	5.77	96	136929	2575.829 pg		98
14) Chloroform	5.94	83	212956	2757.242 pg		98
16) 1,2-Dichloroethane	6.41	62	184722	2522.530 pg		99
17) 1,1,1-Trichloroethane	6.57	97	198567	2568.288 pg		99
18) Benzene	6.87	78	569550	2190.206 pg		100
19) Carbon Tetrachloride	6.97	117	156889	2542.800 pg		99
21) 1,2-Dichloropropane	7.46	63	147893	2510.194 pg		97
22) Trichloroethene	7.63	130	136991	2506.055 pg		99
23) 1,4-Dioxane	7.64	88	100071	2393.377 pg		96
24) cis-1,3-Dichloropropene	8.31	75	203700	2431.153 pg		98
25) 1,1,2-Trichloroethane	8.88	83	109825	2464.037 pg		98
27) Toluene	9.11	91	550905	2325.272 pg		100
28) 1,2-Dibromoethane	9.67	107	139394	2525.532 pg		100
29) Tetrachloroethene	10.08	166	133555	2468.297 pg		100
31) Chlorobenzene	10.64	112	348032	2523.133 pg		99
32) Ethylbenzene	10.95	91	620579	2524.085 pg		98
33) m-&-p-Xylene	11.11	91	1007767	6127.741 pg		98
34) o-Xylene	11.46	91	501872	2906.269 pg		98
35) 1,1,2,2-Tetrachloroethane	11.46	83	224543	3060.116 pg		96

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060811.D
Acq On : 6 Feb 2008 13:50
Operator : LM
Sample : 2500pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 07 13:32:09 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:31:57 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	279761	2425.358	pg	100
38) 1,4-Dichlorobenzene	12.97	146	285443	2538.132	pg	99
39) 1,2-Dichlorobenzene	13.23	146	263888	2455.237	pg	96
40) 1,2,4-Trichlorobenzene	14.55	182	198491	2725.703	pg	99
41) Naphthalene	14.62	128	416243	2379.148	pg	99
42) Hexachlorobutadiene	14.93	225	103090	2530.450	pg	99

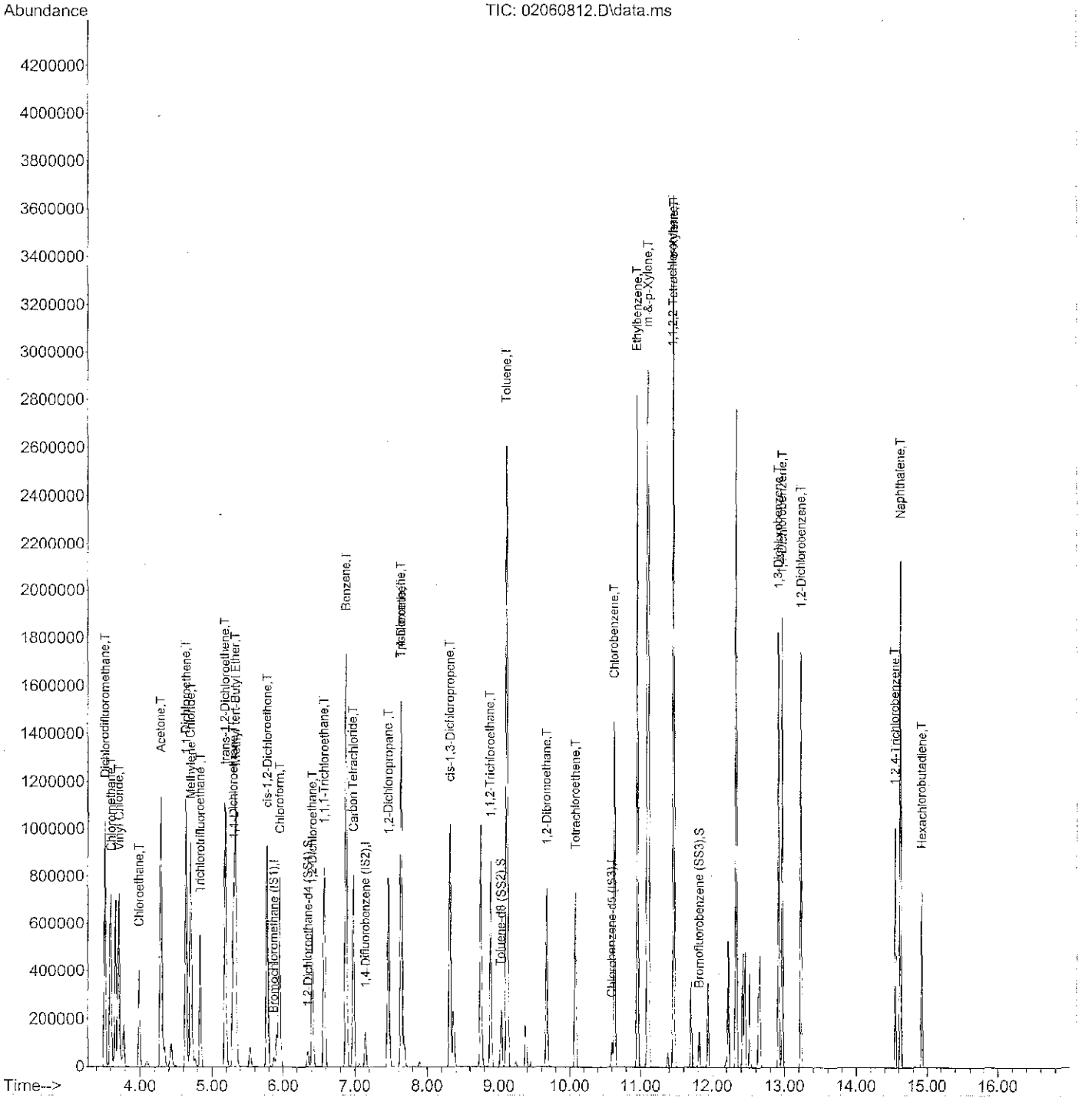
(#) = qualifier out of range (m) = manual integration (+) = signals summed

2/7/08

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060812.D
Acq On : 6 Feb 2008 14:17
Operator : LM
Sample : 10000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-02040802
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 07 13:32:41 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:32:30 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060812.D
Acq On : 6 Feb 2008 14:17
Operator : LM
Sample : 10000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-02040802
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 07 13:32:41 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:32:30 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Bromochloromethane (IS1)	5.87	130	38241	1000.000 pg	0.00
20) 1,4-Difluorobenzene (IS2)	7.15	114	189081	1000.000 pg	0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	93698	1000.000 pg	0.00
System Monitoring Compounds					
15) 1,2-Dichloroethane-d4 ...	6.35	65	69534	964.602 pg	0.00
Spiked Amount 1000.000			Recovery =	96.46%	
26) Toluene-d8 (SS2)	9.03	98	209734	1009.145 pg	0.00
Spiked Amount 1000.000			Recovery =	100.91%	
36) Bromofluorobenzene (SS3)	11.82	174	69293	1008.142 pg	0.00
Spiked Amount 1000.000			Recovery =	100.81%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.52	85	947001	9021.775 pg	99
3) Chloromethane	3.60	52	288357	8123.606 pg	97
4) Vinyl Chloride	3.71	62	814474	8885.050 pg	99
5) Chloroethane	3.99	64	438746	9517.908 pg	99
6) Acetone	4.29	58	488398	7253.343 pg	92
7) 1,1-Dichloroethene	4.64	96	480412	10347.146 pg	89
8) Methylene Chloride	4.71	84	547314	10343.787 pg	96
9) Trichlorotrifluoroethane	4.84	151	439331	10329.577 pg	98
10) trans-1,2-Dichloroethene	5.19	96	537468	10507.201 pg	99
11) 1,1-Dichloroethane	5.30	63	959655	10494.377 pg	99
12) Methyl tert-Butyl Ether	5.33	73	1358177	10378.220 pg	100
13) cis-1,2-Dichloroethene	5.78	96	547151	10498.052 pg	98
14) Chloroform	5.95	83	836858	11051.383 pg	98
16) 1,2-Dichloroethane	6.41	62	723282	10074.079 pg	99
17) 1,1,1-Trichloroethane	6.57	97	806562	10640.311 pg	99
18) Benzene	6.88	78	2254612	8843.104 pg	99
19) Carbon Tetrachloride	6.98	117	653566	10804.112 pg	99
21) 1,2-Dichloropropane	7.47	63	594213	10016.421 pg	97
22) Trichloroethene	7.64	130	552478	10037.468 pg	99
23) 1,4-Dioxane	7.64	88	426939	10140.966 pg	100
24) cis-1,3-Dichloropropene	8.32	75	856929	10157.266 pg	98
25) 1,1,2-Trichloroethane	8.88	83	450428	10036.496 pg	99
27) Toluene	9.11	91	2270110	9516.007 pg	100
28) 1,2-Dibromoethane	9.67	107	577478	10390.942 pg	100
29) Tetrachloroethene	10.08	166	547779	10054.334 pg	100
31) Chlorobenzene	10.64	112	1425578	10139.030 pg	99
32) Ethylbenzene	10.96	91	2563366	10228.264 pg	98
33) m-&-p-Xylene	11.11	91	4141946	24707.516 pg	98
34) o-Xylene	11.47	91	2035593	11564.271 pg	98
35) 1,1,2,2-Tetrachloroethane	11.46	83	934786	12497.841 pg	96

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060812.D
Acq On : 6 Feb 2008 14:17
Operator : LM
Sample : 10000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-02040802
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 07 13:32:41 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:32:30 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	1172829	9974.882 pg	99
38) 1,4-Dichlorobenzene	12.97	146	1197451	10445.687 pg	99
39) 1,2-Dichlorobenzene	13.23	146	1104601	10082.394 pg	96
40) 1,2,4-Trichlorobenzene	14.55	182	646894	8714.757 pg	99
41) Naphthalene	14.62	128	2039032	11433.599 pg	99
42) Hexachlorobutadiene	14.93	225	421188	10142.423 pg	99

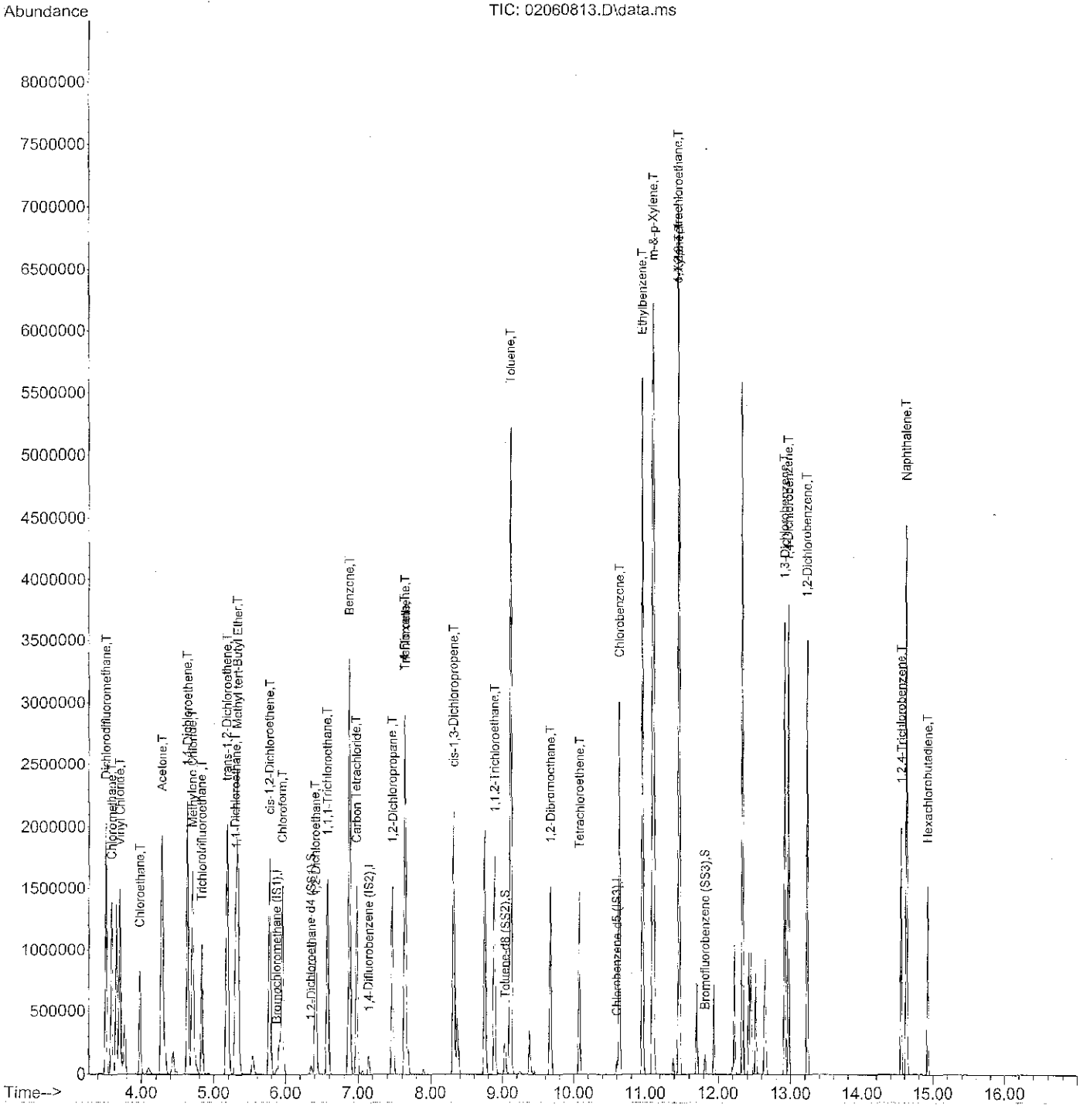
(#) = qualifier out of range (m) = manual integration (+) = signals summed

LM 2/7/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060813.D
Acq On : 6 Feb 2008 14:47
Operator : LM
Sample : 20000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-02040802
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 07 13:33:20 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:33:09 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060813.D
Acq On : 6 Feb 2008 14:47
Operator : LM
Sample : 20000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-02040802
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 07 13:33:20 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:33:09 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	5.88	130	41181	1000.000	pg	0.00
20) 1,4-Difluorobenzene (IS2)	7.15	114	196956	1000.000	pg	0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	96797	1000.000	pg	0.00
System Monitoring Compounds						
15) 1,2-Dichloroethane-d4 ...	6.35	65	70684	910.551	pg	0.00
Spiked Amount 1000.000			Recovery = 91.05%			
26) Toluene-d8 (SS2)	9.04	98	218710	1010.257	pg	0.00
Spiked Amount 1000.000			Recovery = 101.03%			
36) Bromofluorobenzene (SS3)	11.82	174	71942	1013.172	pg	0.00
Spiked Amount 1000.000			Recovery = 101.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.52	85	1874456	16582.467	pg	99
3) Chloromethane	3.60	52	546979	14309.398	pg	97
4) Vinyl Chloride	3.71	62	1677965	16998.003	pg	99
5) Chloroethane	3.99	64	915278	18437.997	pg	99
6) Acetone	4.29	58	998716	13773.323	pg	93
7) 1,1-Dichloroethene	4.64	96	1018160	20363.625	pg	89
8) Methylene Chloride	4.71	84	1134931	19917.959	pg	99
9) Trichlorotrifluoroethane	4.84	151	843721	18421.368	pg	98
10) trans-1,2-Dichloroethene	5.19	96	1137365	20647.461	pg	96
11) 1,1-Dichloroethane	5.31	63	1982896	20136.028	pg	99
12) Methyl tert-Butyl Ether	5.33	73	3203095	22728.390	pg	100
13) cis-1,2-Dichloroethene	5.78	96	1129339	20121.399	pg	99
14) Chloroform	5.96	83	1702945	20883.238	pg	98
16) 1,2-Dichloroethane	6.42	62	1428713	18478.854	pg	99
17) 1,1,1-Trichloroethane	6.58	97	1667635	20429.133	pg	99
18) Benzene	6.88	78	4636729	16887.953	pg	99
19) Carbon Tetrachloride	6.98	117	1356290	20820.183	pg	99
21) 1,2-Dichloropropane	7.47	63	1223804	19804.367	pg	97
22) Trichloroethene	7.65	130	1136609	19824.350	pg	99
23) 1,4-Dioxane	7.64	88	860878	19630.609	pg	99
24) cis-1,3-Dichloropropene	8.32	75	1778088	20233.170	pg	98
25) 1,1,2-Trichloroethane	8.89	83	918226	19641.968	pg	99
27) Toluene	9.12	91	4684915	18853.337	pg	100
28) 1,2-Dibromoethane	9.67	107	1185578	20479.922	pg	100
29) Tetrachloroethene	10.08	166	1125580	19833.665	pg	100
31) Chlorobenzene	10.64	112	2930107	20172.389	pg	99
32) Ethylbenzene	10.96	91	5282560	20403.476	pg	98
33) m-&-p-Xylene	11.12	91	8568853	49478.414	pg	98
34) o-Xylene	11.47	91	4217765	23194.131	pg	98
35) 1,1,2,2-Tetrachloroethane	11.47	83	1922037	24874.421	pg	96

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Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060813.D
Acq On : 6 Feb 2008 14:47
Operator : LM
Sample : 20000pg TO-15 SIM ICAL STD
Misc : S20-01220801/S20-02040802
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 07 13:33:20 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VCA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:33:09 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	2377971	19577.087	pg	99
38) 1,4-Dichlorobenzene	12.98	146	2404442	20303.084	pg	99
39) 1,2-Dichlorobenzene	13.23	146	2225917	19666.887	pg	96
40) 1,2,4-Trichlorobenzene	14.56	182	1327412	17309.970	pg	98
41) Naphthalene	14.63	128	4231700	22969.007	pg	100
42) Hexachlorobutadiene	14.93	225	867396	20218.622	pg	99

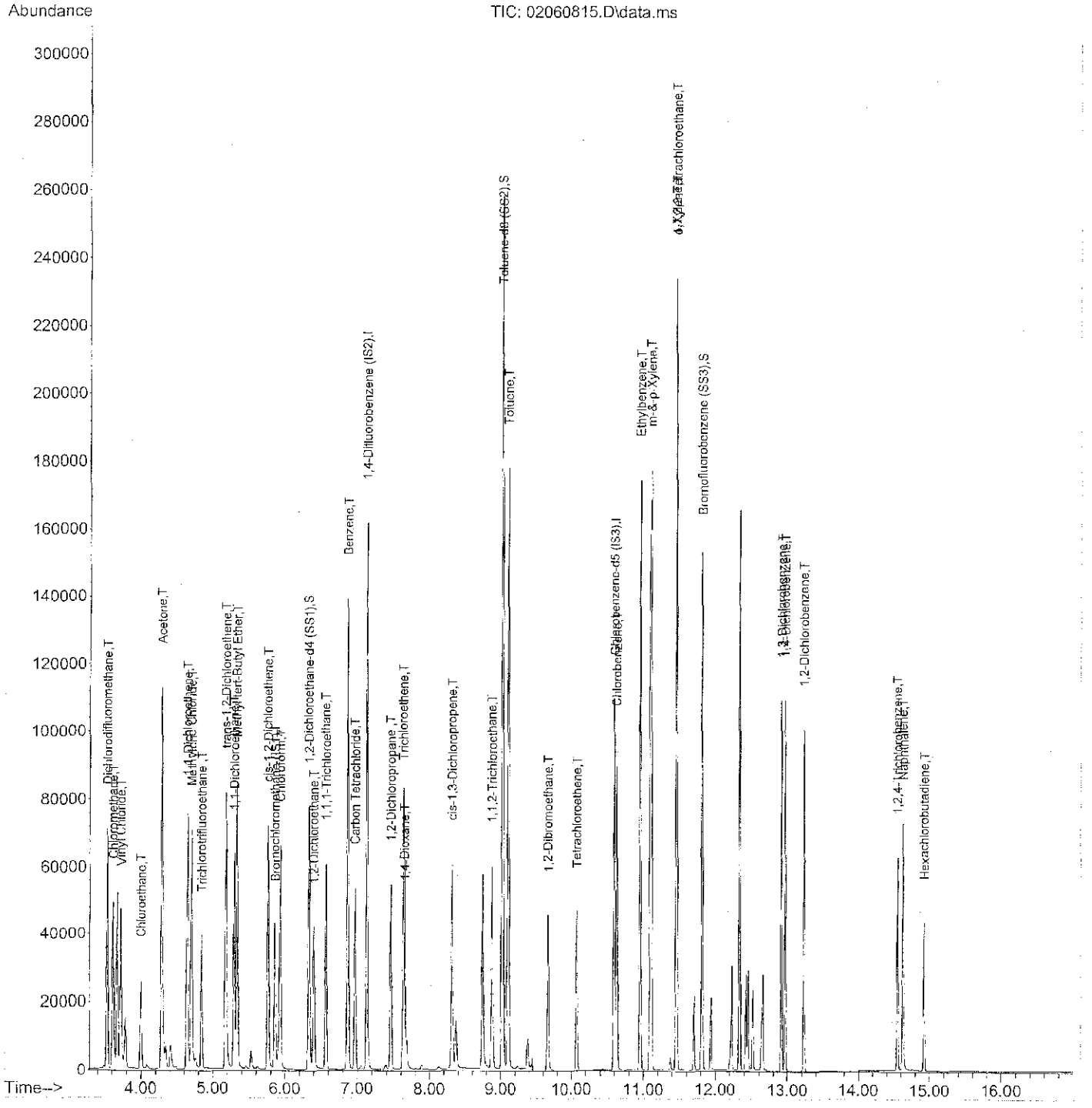
(#) = qualifier out of range (m) = manual integration (+) = signals summed

2/7/08

Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060815.D
Acq On : 6 Feb 2008 16:36
Operator : LM
Sample : 500pg TO-15 SIM ICV STD
Misc : S20-01220801/S20-02040804
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 07 13:49:18 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060815.D
Acq On : 6 Feb 2008 16:36
Operator : LM
Sample : 500pg TO-15 SIM ICV STD
Misc : S20-01220801/S20-02040804
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 07 13:49:18 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	39780	1000.000 pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.13	114	194419	1000.000 pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	98098	1000.000 pg		0.00
System Monitoring Compounds						
15) 1,2-Dichloroethane-d4 ...	6.33	65	77493	1033.422 pg		0.00
Spiked Amount 1000.000			Recovery = 103.34%			
26) Toluene-d8 (SS2)	9.02	98	213764	1000.295 pg		0.00
Spiked Amount 1000.000			Recovery = 100.03%			
36) Bromofluorobenzene (SS3)	11.82	174	72964	1013.937 pg		0.00
Spiked Amount 1000.000			Recovery = 101.39%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.53	85	65081	596.019 pg		99
3) Chloromethane	3.61	52	19875	538.257 pg		95
4) Vinyl Chloride	3.72	62	55803	586.012 pg		99
5) Chloroethane	4.00	64	28280	589.756 pg		99
6) Acetone	4.29	58	44644	299.710 pg	#	87
7) 1,1-Dichloroethene	4.65	96	32165	665.970 pg	#	88
8) Methylene Chloride	4.71	84	36060	655.139 pg		94
9) Trichlorotrifluoroethane	4.84	151	28710	648.916 pg		98
10) trans-1,2-Dichloroethene	5.18	96	34082	640.507 pg		98
11) 1,1-Dichloroethane	5.30	63	62268	654.592 pg		99
12) Methyl tert-Butyl Ether	5.33	73	93724	688.465 pg		99
13) cis-1,2-Dichloroethene	5.76	96	35669	657.895 pg		99
14) Chloroform	5.93	83	58651	744.569 pg		97
16) 1,2-Dichloroethane	6.40	62	47474	635.650 pg		99
17) 1,1,1-Trichloroethane	6.56	97	50142	635.099 pg		99
18) Benzene	6.87	78	158928	599.236 pg		100
19) Carbon Tetrachloride	6.97	117	38277	608.278 pg		99
21) 1,2-Dichloropropane	7.46	63	38368	628.997 pg		97
22) Trichloroethene	7.63	130	35288	623.513 pg		98
23) 1,4-Dioxane	7.65	88	23587	547.420 pg		95
24) cis-1,3-Dichloropropene	8.31	75	51164	589.801 pg		98
25) 1,1,2-Trichloroethane	8.88	83	28232	611.797 pg		98
27) Toluene	9.11	91	144563	589.351 pg		100
28) 1,2-Dibromoethane	9.66	107	35143	614.989 pg		100
29) Tetrachloroethene	10.07	166	34501	615.870 pg		100
31) Chlorobenzene	10.63	112	90202	612.762 pg		99
32) Ethylbenzene	10.96	91	157723	601.114 pg		98
33) m-&-p-Xylene	11.11	91	250093	1424.939 pg		98
34) o-Xylene	11.46	91	125309	679.954 pg		98
35) 1,1,2,2-Tetrachloroethane	11.46	83	54604	697.296 pg		96

100

um 2/7/08

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060815.D
Acq On : 6 Feb 2008 16:36
Operator : LM
Sample : 500pg TO-15 SIM ICV STD
Misc : S20-01220801/S20-02040804
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 07 13:49:18 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	70574	573.308	pg	99
38) 1,4-Dichlorobenzene	12.97	146	71020	591.739	pg	99
39) 1,2-Dichlorobenzene	13.23	146	65521	571.227	pg	97
40) 1,2,4-Trichlorobenzene	14.55	182	40467	520.707	pg	98
41) Naphthalene	14.63	128	76144	407.816	pg	99
42) Hexachlorobutadiene	14.93	225	25074	576.713	pg	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

IM 2/7/08

TO-15/SIM ICV Recovery Summary - MS07

Data File Name: 02060815.D
Data File Path: J:\Ms07\DATA\2008_02\06\
Operator: LM
Instrument Name: MSD7
Sample Name: 500pg TO-15 SIM ICV STD
Misc Info: S20-01220801/S20-02040804
Date Acquired: 2/6/2008 16:36
Acq. Method File: TO15SIM

#	Compound Name	Ret. Time	Amount Spiked (pg)	Amount Found (pg)	Percent Recovery	Lower Limit	Upper Limit	Flag
2)	Dichlorodifluoromethane	3.53	510.00	596.02	116.9	70	130	*
3)	Chloromethane	3.61	490.00	538.26	109.8	70	130	*
4)	Vinyl Chloride	3.72	495.00	586.01	118.4	70	130	*
5)	Chloroethane	4.00	500.00	589.76	118.0	70	130	*
6)	Acetone	4.29	535.00	299.71	56.0	70	130	Fail
7)	1,1-Dichloroethene	4.65	555.00	665.97	120.0	70	130	*
8)	Methylene Chloride	4.71	555.00	655.14	118.0	70	130	*
9)	Trichlorotrifluoroethane	4.84	555.00	648.92	116.9	70	130	*
10)	trans-1,2-Dichloroethene	5.18	530.00	640.51	120.9	70	130	*
11)	1,1-Dichloroethane	5.30	535.00	654.59	122.4	70	130	*
12)	Methyl tert-Butyl Ether	5.33	535.00	688.46	128.7	70	130	*
13)	cis-1,2-Dichloroethene	5.76	540.00	657.90	121.8	70	130	*
14)	Chloroform	5.93	595.00	744.57	125.1	70	130	*
16)	1,2-Dichloroethane	6.40	525.00	635.65	121.1	70	130	*
17)	1,1,1-Trichloroethane	6.56	535.00	635.10	118.7	70	130	*
18)	Benzene	6.87	540.00	599.24	111.0	70	130	*
19)	Carbon Tetrachloride	6.97	520.00	608.28	117.0	70	130	*
21)	1,2-Dichloropropane	7.46	530.00	629.00	118.7	70	130	*
22)	Trichloroethene	7.63	545.00	623.51	114.4	70	130	*
23)	1,4-Dioxane	7.65	550.00	547.42	99.5	70	130	*
24)	cis-1,3-Dichloropropene	8.31	500.00	589.80	118.0	70	130	*
25)	1,1,2-Trichloroethane	8.88	525.00	611.80	116.5	70	130	*
27)	Toluene	9.11	530.00	589.35	111.2	70	130	*
28)	1,2-Dibromoethane	9.66	525.00	614.99	117.1	70	130	*
29)	Tetrachloroethene	10.07	520.00	615.87	118.4	70	130	*
31)	Chlorobenzene	10.63	530.00	612.76	115.6	70	130	*
32)	Ethylbenzene	10.96	525.00	601.11	114.5	70	130	*
33)	m-&-p-Xylene	11.11	1250.00	1424.94	114.0	70	130	*
34)	o-Xylene	11.46	595.00	679.95	114.3	70	130	*
35)	1,1,2,2-Tetrachloroethane	11.46	595.00	697.30	117.2	70	130	*
37)	1,3-Dichlorobenzene	12.92	510.00	573.31	112.4	70	130	*
38)	1,4-Dichlorobenzene	12.97	525.00	591.74	112.7	70	130	*
39)	1,2-Dichlorobenzene	13.23	515.00	571.23	110.9	70	130	*
40)	1,2,4-Trichlorobenzene	14.55	520.00	520.71	100.1	70	130	*
41)	Naphthalene	14.63	525.00	407.82	77.7	70	130	*
42)	Hexachlorobutadiene	14.93	525.00	576.71	109.9	70	130	*

CONTINUING CALIBRATION STANDARDS

Evaluate Continuing Calibration Report

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080803.D
Acq On : 8 Feb 2008 9:52
Operator : LM
Sample : 500pg TO-15 SIM CCV STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:17:47 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane (IS1)	1.000	1.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	2.745	2.617	4.7	93	-0.01
3	T	Chloromethane	0.928	0.827	10.9	95	0.00
4	T	Vinyl Chloride	2.394	2.295	4.1	92	-0.01
5	T	Chloroethane	1.205	1.143	5.1	92	-0.01
6	T	Acetone	3.745	1.787	52.3#	102	-0.02
7	T	1,1-Dichloroethene	1.214	1.155	4.9	91	-0.01
8	T	Methylene Chloride	1.384	1.324	4.3	93	-0.01
9	T	Trichlorotrifluoroethane	1.112	1.046	5.9	93	0.00
10	T	trans-1,2-Dichloroethene	1.338	1.285	4.0	93	-0.01
11	T	1,1-Dichloroethane	2.391	2.326	2.7	93	-0.01
12	T	Methyl tert-Butyl Ether	3.422	3.229	5.6	93	-0.03
13	T	cis-1,2-Dichloroethene	1.363	1.320	3.2	93	0.00
14	T	Chloroform	1.980	1.933	2.4	96	0.00
15	S	1,2-Dichloroethane-d4 (SS1)	1.885	1.953	-3.6	98	0.00
16	T	1,2-Dichloroethane	1.877	1.822	2.9	93	0.00
17	T	1,1,1-Trichloroethane	1.985	1.893	4.6	92	0.00
18	T	Benzene	6.667	6.260	6.1	98	0.00
19	T	Carbon Tetrachloride	1.582	1.520	3.9	93	0.00
20	I	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	98	0.00
21	T	1,2-Dichloropropane	0.314	0.297	5.4	94	0.00
22	T	Trichloroethene	0.291	0.275	5.5	95	0.00
23	T	1,4-Dioxane	0.222	0.189	14.9	94	-0.04
24	T	cis-1,3-Dichloropropene	0.446	0.418	6.3	93	0.00
25	T	1,1,2-Trichloroethane	0.237	0.221	6.8	94	0.00
26	S	Toluene-d8 (SS2)	1.099	1.102	-0.3	99	0.00
27	T	Toluene	1.262	1.120	11.3	94	0.00
28	T	1,2-Dibromoethane	0.294	0.276	6.1	94	0.00
29	T	Tetrachloroethene	0.288	0.276	4.2	94	0.00
30	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	100	0.00
31	T	Chlorobenzene	1.501	1.397	6.9	94	0.00
32	T	Ethylbenzene	2.675	2.440	8.8	95	0.00
33	T	m-&-p-Xylene	1.789	1.632	8.8	94	0.00
34	T	o-Xylene	1.879	1.731	7.9	94	0.00
35	T	1,1,2,2-Tetrachloroethane	0.798	0.727	8.9	92	0.00
36	S	Bromofluorobenzene (SS3)	0.734	0.730	0.5	99	0.00
37	T	1,3-Dichlorobenzene	1.255	1.125	10.4	93	0.00

Evaluate Continuing Calibration Report

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080803.D
Acq On : 8 Feb 2008 9:52
Operator : LM
Sample : 500pg TO-15 SIM CCV STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:17:47 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
38 T	1,4-Dichlorobenzene	1.223	1.095	10.5	93	0.00
39 T	1,2-Dichlorobenzene	1.169	1.040	11.0	92	0.00
40 T	1,2,4-Trichlorobenzene	0.792	0.746	5.8	91	0.00
41 T	Naphthalene	1.903	1.566	17.7	90	0.00
42 T	Hexachlorobutadiene	0.443	0.401	9.5	92	0.00

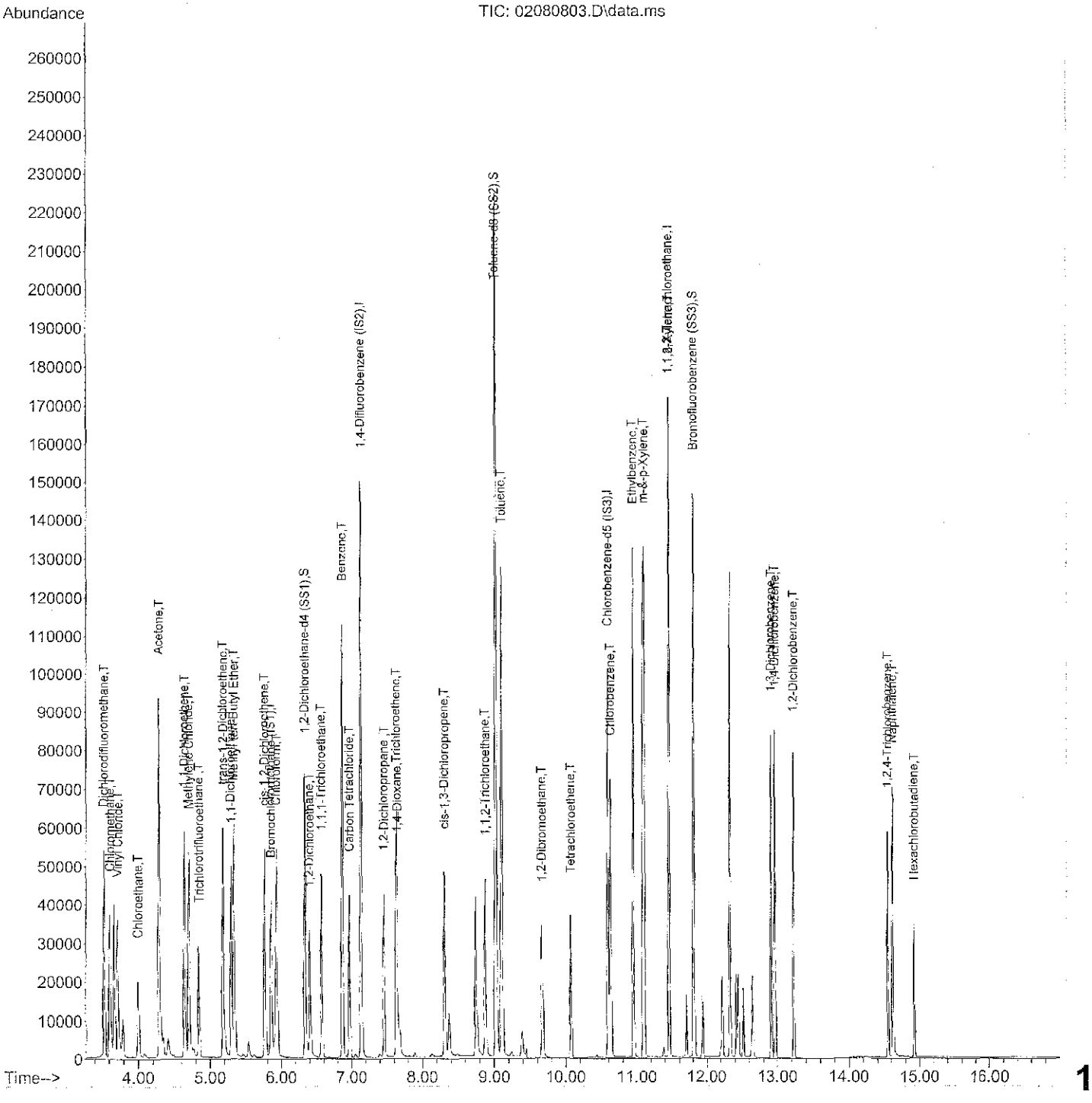
(#) = Out of Range SPCC's out = 0 CCC's out = 0

VM 2/12/08

Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080803.D
Acq On : 8 Feb 2008 9:52
Operator : LM
Sample : 500pg TO-15 SIM CCV STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:17:47 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080803.D
Acq On : 8 Feb 2008 9:52
Operator : LM
Sample : 500pg TO-15 SIM CCV STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:17:47 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	5.86	130	37494	1000.00	pg		0.00
20) 1,4-Difluorobenzene (IS2)	7.14	114	181202	1000.00	pg		0.00
30) Chlorobenzene-d5 (IS3)	10.60	82	91038	1000.00	pg		0.00
System Monitoring Compounds							
15) 1,2-Dichloroethane-d4 ...	6.34	65	73233	1036.16	pg		0.00
Spiked Amount 1000.000			Recovery = 103.62%				
26) Toluene-d8 (SS2)	9.02	98	199651	1002.40	pg		0.00
Spiked Amount 1000.000			Recovery = 100.24%				
36) Bromofluorobenzene (SS3)	11.81	174	66497	995.73	pg		0.00
Spiked Amount 1000.000			Recovery = 99.57%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.53	85	51017	495.71	pg		99
3) Chloromethane	3.62	52	15823	454.65	pg		94
4) Vinyl Chloride	3.72	62	44310	493.69	pg		100
5) Chloroethane	4.00	64	22509	498.03	pg		99
6) Acetone	4.29	58	37194	264.92	pg	#	90
7) 1,1-Dichloroethene	4.65	96	24469	537.51	pg	#	88
8) Methylene Chloride	4.71	84	27802	535.90	pg		94
9) Trichlorotrifluoroethane	4.85	151	22346	535.87	pg		97
10) trans-1,2-Dichloroethene	5.19	96	26492	528.22	pg		98
11) 1,1-Dichloroethane	5.30	63	48402	539.85	pg		99
12) Methyl tert-Butyl Ether	5.34	73	67185	523.61	pg		99
13) cis-1,2-Dichloroethene	5.77	96	27461	537.38	pg		98
14) Chloroform	5.94	83	46751	629.68	pg		97
16) 1,2-Dichloroethane	6.40	62	37579	533.84	pg		99
17) 1,1,1-Trichloroethane	6.57	97	39044	524.68	pg		99
18) Benzene	6.87	78	129099	516.44	pg		100
19) Carbon Tetrachloride	6.97	117	30489	514.06	pg		99
21) 1,2-Dichloropropane	7.46	63	29351	516.27	pg		98
22) Trichloroethene	7.63	130	28431	539.00	pg		99
23) 1,4-Dioxane	7.65	88	19653	489.39	pg		88
24) cis-1,3-Dichloropropene	8.31	75	39380	487.07	pg		98
25) 1,1,2-Trichloroethane	8.88	83	21819	507.31	pg		98
27) Toluene	9.11	91	111635	488.31	pg		100
28) 1,2-Dibromoethane	9.67	107	27211	510.92	pg		100
29) Tetrachloroethene	10.08	166	27239	521.70	pg		100
31) Chlorobenzene	10.64	112	69946	512.01	pg		99
32) Ethylbenzene	10.95	91	119944	492.58	pg		99
33) m-&-p-Xylene	11.11	91	191654	1176.66	pg	#	67
34) o-Xylene	11.46	91	96152	562.20	pg		99
35) 1,1,2,2-Tetrachloroethane	11.46	83	40677	559.73	pg		97

LM 2/12/08

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Quantitation Report (Not Reviewed)

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080803.D
Acq On : 8 Feb 2008 9:52
Operator : LM
Sample : 500pg TO-15 SIM CCV STD
Misc : S20-01220801/S20-01290802
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 11:17:47 2008
Quant Method : J:\Ms07\METHODS\X7020608.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Feb 07 13:37:04 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,3-Dichlorobenzene	12.92	146	54291	475.24	pg	100
38) 1,4-Dichlorobenzene	12.97	146	54848	492.43	pg	99
39) 1,2-Dichlorobenzene	13.23	146	51141	480.44	pg	96
40) 1,2,4-Trichlorobenzene	14.55	182	38055	527.64	pg	99
41) Naphthalene	14.62	128	74860	432.03	pg	99
42) Hexachlorobutadiene	14.93	225	20264	502.23	pg	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

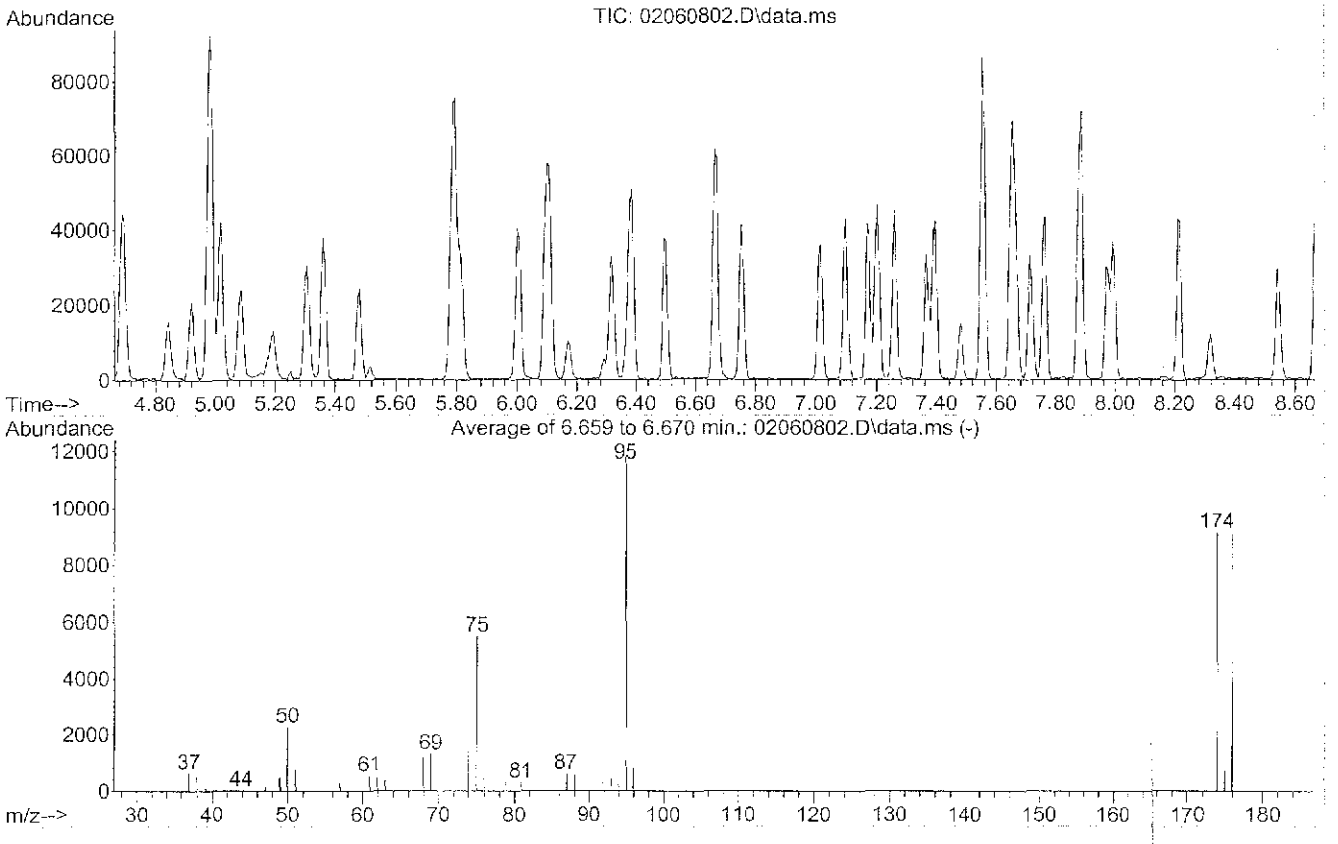
2/12/08

BFB TUNING & MASS CALIBRATIONS

Data Path : J:\Ms07\DATA\2008_02\06\
Data File : 02060802.D
Acq On : 6 Feb 2008 8:51
Operator : LM
Sample : 25ng BFB STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : J:\Ms07\METHODS\X7020608.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Feb 07 13:37:04 2008



AutoFind: Scans 379, 380, 381; Background Corrected with Scan 373

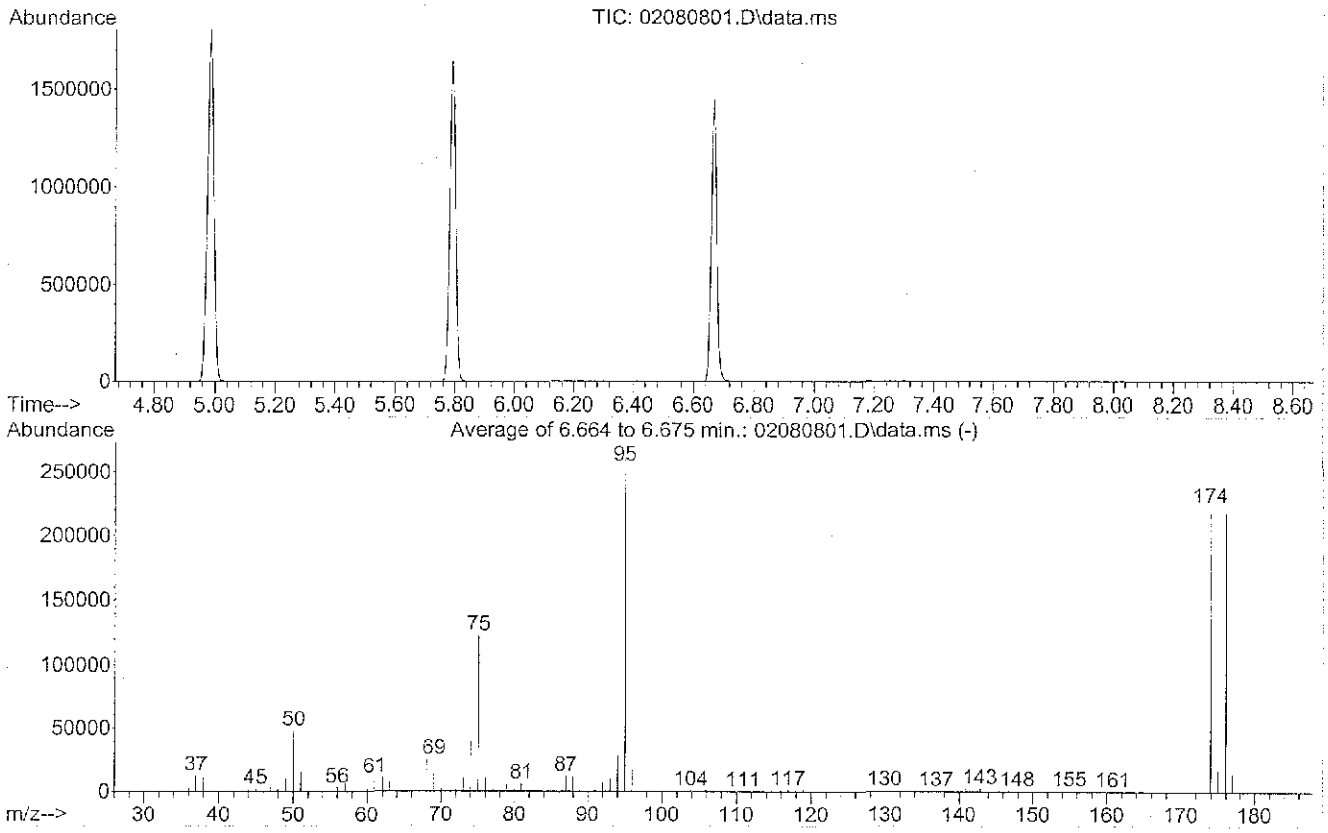
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.1	2249	PASS
75	95	30	66	46.5	5485	PASS
95	95	100	100	100.0	11802	PASS
96	95	5	9	6.6	777	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	77.2	9116	PASS
175	174	4	9	7.5	685	PASS
176	174	93	101	99.3	9051	PASS
177	176	5	9	6.9	627	PASS

109A

Data Path : J:\Ms07\DATA\2008_02\08\
Data File : 02080801.D
Acq On : 8 Feb 2008 9:02
Operator : LM
Sample : 25ng BFB STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : J:\Ms07\METHODS\X7020608.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Feb 07 13:37:04 2008



AutoFind: Scans 380, 381, 382; Background Corrected with Scan 372

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.6	48461	PASS
75	95	30	66	47.0	122443	PASS
95	95	100	100	100.0	260395	PASS
96	95	5	9	6.5	16838	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	85.5	222613	PASS
175	174	4	9	7.4	16564	PASS
176	174	93	101	97.7	217493	PASS
177	176	5	9	6.5	14114	PASS

2/12/08

RUN LOGS

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
16	02/05/08 18:39	02050816.D	CAS CAN/FC QC (1000ml)	AC01080/FC00442	LM	2	
17	02/05/08 19:10	02050817.D	CAS CAN/FC QC (1000ml)	AC00985/FC00177	LM	3	
18	02/05/08 19:41	02050818.D	CAS CAN/FC QC (1000ml)	AC00900/FC00435	LM	4	
19	02/05/08 20:11	02050819.D	CAS CAN/FC QC (1000ml)	AC00951/FC00242	LM	5	
20	02/05/08 20:42	02050820.D	CAS CAN/FC QC (1000ml)	AC01304/FC00228	LM	6	
21	02/05/08 21:13	02050821.D	CAS CAN/FC QC (1000ml)	AC00285/FC00693	LM	7	
22	02/05/08 21:45	02050822.D	CAS CAN/FC QC (1000ml)	AC00995/FC00305	LM	8	
23	02/05/08 22:16	02050823.D	CAS CAN/FC QC (1000ml)	AC01072/FC00585	LM	9	
24	02/05/08 22:46	02050824.D	CAS CAN/FC QC (1000ml)	AC01088/FC00427	LM	10	
25	02/05/08 23:16	02050825.D	CAS CAN/FC QC (1000ml)	AC00811/FC00154	LM	11	
26	02/05/08 23:47	02050826.D	CAS CAN/FC QC (1000ml)	AC01413/FC00565	LM	12	
27	02/06/08 0:17	02050827.D	CAS CAN/FC QC (1000ml)	AC00906/FC00282	LM	13	
28	02/06/08 0:48	02050828.D	CAS CAN/FC QC (1000ml)	AC00849/FC00335	LM	14	
29	02/06/08 1:18	02050829.D	CAS CAN/FC QC (1000ml)	AC00096/FC00404	LM	15	
30	02/06/08 1:49	02050830.D	CAS CAN/FC QC (1000ml)	AC01037/FC00596	LM	16	

1	02/06/08 8:22	02060801.D	25ng BFB STD		LM	2	
2	02/06/08 8:51	02060802.D	25ng BFB STD		LM	2	s (quick tune perfor mod) Pass
3	02/06/08 9:38	02060803.D	blank (200ml)		LM	1	
4	02/06/08 10:16	02060804.D	blank (200ml)		LM	1	Pass Calib. Blank
5	02/06/08 10:59	02060805.D	10pg TO-15 SIM ICAL STD	S20-01220801/S20-01290801	LM	1	ICAL OK all comp.
6	02/06/08 11:28	02060806.D	25pg TO-15 SIM ICAL STD	S20-01220801/S20-01290801	LM	1	10pg-20000pg,
7	02/06/08 11:58	02060807.D	100pg TO-15 SIM ICAL STD	S20-01220801/S20-01290802	LM	1	except chloroform, 1,2,4-TCB, Naphthalene Hexachloro Butadiene
8	02/06/08 12:25	02060808.D	250pg TO-15 SIM ICAL STD	S20-01220801/S20-01290802	LM	1	25pg-20000pg
9	02/06/08 12:54	02060809.D	500pg TO-15 SIM ICAL STD	S20-01220801/S20-01290802	LM	1	MeCl2 & Benzene ok 100pg->20000pg
10	02/06/08 13:22	02060810.D	1000pg TO-15 SIM ICAL STD	S20-01220801/S20-01290802	LM	1	
11	02/06/08 13:50	02060811.D	2500pg TO-15 SIM ICAL STD	S20-01220801/S20-01290802	LM	1	
12	02/06/08 14:17	02060812.D	10000pg TO-15 SIM ICAL STD	S20-01220801/S20-02040802	LM	3	
13	02/06/08 14:47	02060813.D	20000pg TO-15 SIM ICAL STD	S20-01220801/S20-02040802	LM	3	
14	02/06/08 15:15	02060814.D	500pg TO-15 SIM ICV STD	S20-01220801/S20-02040804	LM	4	Naphthalene bias low (Rerun)
15	02/06/08 15:36	02060815.D	500pg TO-15 SIM ICV STD	S20-01220801/S20-02040804	LM	4	Pass all comp.
16	02/06/08 17:33	02060816.D	Blank (200ml)	check system	LM	1	
17	02/06/08 18:02	02060817.D	Blank (200ml)	check system	LM	1	
18	02/06/08 18:31	02060818.D	10pg TO-15/SIM MDL#1 STD	S20-01220801/S20-01290801	LM	1	
19	02/06/08 19:01	02060819.D	10pg TO-15/SIM MDL#2 STD	S20-01220801/S20-01290801	LM	1	
20	02/06/08 19:30	02060820.D	10pg TO-15/SIM MDL#3 STD	S20-01220801/S20-01290801	LM	1	
21	02/06/08 19:59	02060821.D	10pg TO-15/SIM MDL#4 STD	S20-01220801/S20-01290801	LM	1	
22	02/06/08 20:28	02060822.D	10pg TO-15/SIM MDL#5 STD	S20-01220801/S20-01290801	LM	1	
23	02/06/08 20:58	02060823.D	10pg TO-15/SIM MDL#6 STD	S20-01220801/S20-01290801	LM	1	
24	02/06/08 21:27	02060824.D	10pg TO-15/SIM MDL#7 STD	S20-01220801/S20-01290801	LM	1	
25	02/06/08 21:56	02060825.D	10pg TO-15/SIM MDL#8 STD	S20-01220801/S20-01290801	LM	1	
26	02/06/08 22:25	02060826.D	5pg TO-15/SIM MDL Verification STD	S20-01220801/S20-01290801	LM	1	

LM 2/7/08

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
1	02/08/08 9:02	02080801.D	25ng BFB STD		LM	2	Pass
2	02/08/08 9:24	02080802.D	blank (100ml)		LM	1	
3	02/08/08 9:52	02080803.D	500pg TO-15 SIM CCV STD	S20-01220801/S20-01290802	LM	1	Pass
4	02/08/08 10:39	02080804.D	CAS CAN/FC/AVG QC (1000ml)	AC00959/FC00618/AVG00680	LM	1	Pass used as MB
5	02/08/08 11:18	02080805.D	500pg TO-15 SIM LCS STD	S20-01220801/S20-01150802	LM	3	Pass
6	02/08/08 12:18	02080806.D	P2800247-001 (1000ml)	Alaska ES-1-12008 (-1.6,3.5)	LM	4	
7	02/08/08 12:49	02080807.D	P2800247-003 (1000ml)	Alaska WFB-1-12008 (-3.4,3.5)	LM	5	
8	02/08/08 13:20	02080808.D	P2800247-004 (1000ml)	Alaska WFB-2-12008 (0.4,3.5)	LM	6	
9	02/08/08 14:03	02080809.D	P2800247-003 dup (1000ml)	Alaska WFB-1-12008 (-3.4,3.5)	LM	5	Pass as lab dup
10	02/08/08 14:53	02080810.D	P2800247-006 (10.0ml)	Alaska WS1-CI-12008 (-2.3,3.5)	LM	1	
11	02/08/08 16:00	02080811.D	P2800247-002 (500ml)	Alaska ES-2-12008 (-2.3,3.5)	LM	2	Case file, Run higher Val
12	02/08/08 17:05	02080812.D	P2800247-002 (1000ml)	Alaska ES-2-12008 (-2.3,3.5)	LM	7	
13	02/08/08 17:33	02080813.D	blank(100ml)	rinse	LM	1	
14	02/08/08 18:04	02080814.D	P2800247-005 (1000ml)	Alaska WFB-3-12008 (-3.8,3.5)	LM	2	
15	02/08/08 18:34	02080815.D	P2800247-007 (1000ml)	Alaska VS2-CE-12008 (1.1,3.5)	LM	3	
16	02/08/08 19:03	02080816.D	blank (200ml)	rinse	LM	12	
17	02/08/08 19:34	02080817.D	CAS CAN/FC/AVG (1000ml)	AC01280/FC00104/AVG00490	LM	12	
18	02/08/08 20:04	02080818.D	CAS CAN/FC/AVG (1000ml)	AC00701/FC00234/AVG00552	LM	13	
19	02/08/08 20:35	02080819.D	CAS CAN/FC/AVG (1000ml)	AC00593/FC00202/AVG00582	LM	14	
20	02/08/08 21:05	02080820.D	CAS CAN/FC/AVG (1000ml)	AC01475/FC00479/AVG00478	LM	15	
21	02/08/08 21:36	02080821.D	CAS CAN/FC/AVG (1000ml)	AC00753/FC00054/AVG00665	LM	16	

Indoor Air Analytical Results
July 2008

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

July 25, 2008

Jason Gresehover
Alaska Resources and Environmental Services, LLC
284 Topside Road
Fairbanks, AK 99712

RE: Bentley Mall

Dear Jason:

Enclosed are the results of the samples submitted to our laboratory on July 11, 2008. For your reference, these analyses have been assigned our service request number P0802158.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein. Your report contains 14 pages.

Columbia Analytical Services, Inc. is certified by the California Department of Health Services, NELAP Laboratory Certificate No. 02115CA; Arizona Department of Health Services, Certificate No. AZ0694; Florida Department of Health, NELAP Certification E871020; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661; Department of the Navy (NFESC); Pennsylvania Registration No. 68-03307. Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact me for information corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Sue Anderson for

Kate Aguilera
Project Manager

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

Client: Alaska Resources and Environmental Services, LLC CAS Project No: P0802158
Project: Bentley Mall

CASE NARRATIVE

The samples were received intact under chain of custody on July 11, 2008 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed in SIM mode for selected for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Client: Alaska Resources and Environmental Services, LLC

Folder: P0802158

Project: Bentley Mall

Detailed Sample Information

CAS Sample ID	Client Sample ID	Container Type	Pi1 (Hg)	Pi1 (psig)	Pf1	Pi2 (Hg)	Pi2 (psig)	Pf2	Cont ID	Order #	FC ID	Order #
P0802158-001.01	ES-1-72008	6.0 L-Summa Canister Ambient	-5.6	-2.8	3.6				AC00054	**8699**	FC00326	**8615**
P0802158-002.01	ES-2-72008	6.0 L-Summa Canister Ambient	-4.6	-2.3	3.5				AC01382	**8615**	FC00343	**8821**
P0802158-003.01	WFB-1-72008	6.0 L-Summa Canister Ambient	-6.1	-3.0	3.5				AC01461	**8699**	FC00344	**8821**
P0802158-004.01	WFB-2-72008	6.0 L-Summa Canister Ambient	-4.1	-2.0	3.5				AC01478	**8699**	FC00631	**8873**
P0802158-005.01	WFB-3-72008	6.0 L-Summa Canister Ambient	-5.9	-2.9	3.5				AC01479	**8615**	FC00659	**8821**

Miscellaneous Items - received

AVG00357
AVG00829
AVG00828
AVG00381
AVG00735

Air - Chain of Custody Record & Analytical Service Request

Columbia Analytical Services INC.
An Employee - Owned Company

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) (10 Day - Standard)

CAS Project No. 90802158

Company Name & Address (Reporting Information)
Alaska Resources and Environmental Services
P.O. Box 83050
Fairbanks, AK 99708

Project Name: Bentley Mall

Project Number:

CAS Contact:

Project Manager: Lyle Gresehover

P.O. # / Billing Information: ARES
P.O. Box 83050
Fairbanks, AK 99708

Phone: 907-374-3226 Fax: 907-374-3219

Email Address for Result Reporting: lyle@ak-res.com

Sampler (Print & Sign): Lyle Gresehover

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/ Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	Analysis Method and/or Analytes: TO-15 SIM PCE, TCE				Comments e.g. Actual Preservative or specific instructions
ES-1-72008	1-56	7/7-7/8	1550-1631	Air	AC00054	FC00326	6L 24hr	X				24 hr
ES-2-72008	2-46	↓	1551-1631	Air	AC01382	FC00343	↓	X				↓
WFB-1-72008	3-61		1553-1633	Air	AC01461	FC00344		X				
WFB-2-72008	4-41		1555-1635	Air	AC01478	FC00631		X				
WFB-3-72008	5-59	↓	1558-1638	Air	AC01479	FC00659	↓	X				

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) X
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____

EDD required Yes / No
Type: _____ EDD Units: _____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date: 7/9/08	Time: 0906	Received by: (Signature)	Date: 7/11/08	Time: 1110
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank
Temperature °C

Columbia Analytical Services, Inc.

Sample Acceptance Check Form

Client: Alaska Resources and Environmental Services, LLC Work order: P0802158

Project: Bentley Mall

Sample(s) received on: 07/11/08 Date opened: 07/11/08 by: MZAMORA

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Container(s) **supplied by CAS**?	☒	☐	☐
3	Did **sample containers** arrive in good condition?	☒	☐	☐
4	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
5	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
6	Was **sample volume** received adequate for analysis?	☒	☐	☐
7	Are samples within specified holding times?	☒	☐	☐
8	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature _____ °C Blank Temperature _____ °C			
9	Was a **trip blank** received?	☐	☒	☐
	Trip blank supplied by CAS: Serial # _____ -TB _____			
10	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
11	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
12	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
13	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P0802158-001.01	6.0 L Ambient Can					
P0802158-002.01	6.0 L Ambient Can					
P0802158-003.01	6.0 L Ambient Can					
P0802158-004.01	6.0 L Ambient Can					
P0802158-005.01	6.0 L Ambient Can					

Explain any discrepancies: (include lab sample ID numbers):

*Required pH: Phenols/COD/NH3/TOC/TOX/NO3+NO2/TKN/T.PHOS, H2SO4 (pH<2); Metals, HNO3 (pH<2); CN (NaOH or NaOH/Asc Acid) (pH>12); Diss. Sulfide, NaOH (pH>12); T. Sulfide, NaOH/ZnAc (pH>12) RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources and Environmental Services, LLC**
Client Sample ID: **ES-1-72008** CAS Project ID: P0802158
Client Project ID: **Bentley Mall** CAS Sample ID: P0802158-001

Test Code: EPA TO-15 SIM Date Collected: 7/8/08
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date Received: 7/11/08
Analyst: Liliana Marghitoiu Date Analyzed: 7/21/08
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: AC00054

Initial Pressure (psig): -2.8 Final Pressure (psig): 3.6

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	Trichloroethene	ND	0.39	ND	0.072	
127-18-4	**Tetrachloroethene**	**13**	0.39	**1.9**	0.057	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources and Environmental Services, LLC**
Client Sample ID: **ES-2-72008** CAS Project ID: P0802158
Client Project ID: **Bentley Mall** CAS Sample ID: P0802158-002

Test Code: EPA TO-15 SIM Date Collected: 7/8/08
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date Received: 7/11/08
Analyst: Liliana Marghitoiu Date Analyzed: 7/21/08
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: AC01382

Initial Pressure (psig): -2.3 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	Trichloroethene	ND	0.37	ND	0.068	
127-18-4	**Tetrachloroethene**	**13**	0.37	**1.9**	0.054	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: CA Date: 7/24/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources and Environmental Services, LLC**
Client Sample ID: **WFB-1-72008** CAS Project ID: P0802158
Client Project ID: **Bentley Mall** CAS Sample ID: P0802158-003

Test Code: EPA TO-15 SIM Date Collected: 7/8/08
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date Received: 7/11/08
Analyst: Liliana Marghitoiu Date Analyzed: 7/21/08
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AC01461

Initial Pressure (psig): -3.0 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	**Trichloroethene**	**0.058**	0.039	**0.011**	0.0073	
127-18-4	**Tetrachloroethene**	**1.2**	0.039	**0.18**	0.0058	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 7/24/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources and Environmental Services, LLC**
Client Sample ID: **WFB-2-72008** CAS Project ID: P0802158
Client Project ID: **Bentley Mall** CAS Sample ID: P0802158-004

Test Code: EPA TO-15 SIM Date Collected: 7/8/08
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date Received: 7/11/08
Analyst: Liliana Marghitoiu Date Analyzed: 7/21/08
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AC01478

Initial Pressure (psig): -2.0 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.43

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	**Trichloroethene**	**0.037**	0.036	**0.0069**	0.0067	
127-18-4	**Tetrachloroethene**	**0.96**	0.036	**0.14**	0.0053	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 7/24/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources and Environmental Services, LLC**
Client Sample ID: **WFB-3-72008** CAS Project ID: P0802158
Client Project ID: **Bentley Mall** CAS Sample ID: P0802158-005

Test Code: EPA TO-15 SIM Date Collected: 7/8/08
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date Received: 7/11/08
Analyst: Liliana Marghitoiu Date Analyzed: 7/21/08
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AC01479

Initial Pressure (psig): -2.9 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	**Trichloroethene**	**0.041**	0.039	**0.0077**	0.0072	
127-18-4	**Tetrachloroethene**	**1.3**	0.039	**0.19**	0.0057	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 7/24/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Alaska Resources and Environmental Services, LLC**
Client Sample ID: **Method Blank** CAS Project ID: P0802158
Client Project ID: **Bentley Mall** CAS Sample ID: P080721-MB

Test Code: EPA TO-15 SIM Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date Received: NA
Analyst: Liliana Marghitoiu Date Analyzed: 7/21/08
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
79-01-6	Trichloroethene	ND	0.025	ND	0.0047	
127-18-4	Tetrachloroethene	ND	0.025	ND	0.0037	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

COLUMBIA ANALYTICAL SERVICES, INC.

SURROGATE SPIKE RECOVERY RESULTS

Client: **Alaska Resources and Environmental Services, LLC**
Client Project ID: **Bentley Mall** CAS Project ID: P0802158

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date(s) Collected: 7/8/08
Analyst: Liliana Marghitoiu Date(s) Received: 7/11/08
Sampling Media: 6.0 L Summa Canister(s) Date(s) Analyzed: 7/21/08
Test Notes:

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P080721-MB	**99**	70-130	**99**	70-130	**94**	70-130	
Lab Control Sample	P080721-LCS	**96**	70-130	**100**	70-130	**98**	70-130	
ES-1-72008	P0802158-001	**102**	70-130	**101**	70-130	**94**	70-130	
ES-2-72008	P0802158-002	**100**	70-130	**101**	70-130	**95**	70-130	
ES-2-72008	P0802158-002DUP	**102**	70-130	**101**	70-130	**95**	70-130	
WFB-1-72008	P0802158-003	**89**	70-130	**99**	70-130	**97**	70-130	
WFB-2-72008	P0802158-004	**91**	70-130	**99**	70-130	**97**	70-130	
WFB-3-72008	P0802158-005	**92**	70-130	**103**	70-130	**99**	70-130	

Verified By: LAS Date: 7/24/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Alaska Resources and Environmental Services, LLC**
Client Sample ID: **Lab Control Sample** CAS Project ID: P0802158
Client Project ID: **Bentley Mall** CAS Sample ID: P080721-LCS

Test Code: EPA TO-15 SIM Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date Received: NA
Analyst: Liliana Marghitoiu Date Analyzed: 7/21/08
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: NA Liter(s)
Test Notes:

CAS #	Compound	Spike Amount pg	Result pg	% Recovery	CAS Acceptance Limits	Data Qualifier
79-01-6	Trichloroethene	545	**477**	**88**	67-116	
127-18-4	Tetrachloroethene	520	**500**	**96**	56-133	

Verified By: _____ Date: 7/24/08

COLUMBIA ANALYTICAL SERVICES, INC.

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Alaska Resources and Environmental Services, LLC**
Client Sample ID: **ES-2-72008** CAS Project ID: P0802158
Client Project ID: **Bentley Mall** CAS Sample ID: P0802158-002DUP

Test Code: EPA TO-15 SIM Date Collected: 7/8/08
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7 Date Received: 7/11/08
Analyst: Liliana Marghitoiu Date Analyzed: 7/21/08
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: AC01382

Initial Pressure (psig): -2.3 Final Pressure (psig): 3.5

Canister Dilution Factor: 1.47

CAS #	Compound	Sample Result µg/m³	Sample Result ppbV	**Duplicate Sample Result µg/m³**	**Duplicate Sample Result** ppbV	Average µg/m³	**% RPD** µg/m³	RPD Limit	**Data Qualifier**
79-01-6	Trichloroethene	ND	ND	ND	ND	-	-	25	
127-18-4	**Tetrachloroethene**	12.6	1.86	12.5	1.85	12.55	**0.8**	25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

Verified By: _____ Date: 7/24/08